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Jak-STAT pathways and transcriptional activation in response to IFNs and other extracellular signaling proteins

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2227	Identification of trans-acting factors by electrophoretic mobility shift assay. 2004 , 249, 7-20		2
2226	REVIEWS. 1929 , os-XXXI, 93-96		1
2225	Activation of JAK kinases and STAT proteins by interleukin-2 and interferon alpha, but not the T cell antigen receptor, in human T lymphocytes.. 1994 , 13, 5605-5615		158
2224	Prolactin induces phosphorylation of Tyr694 of Stat5 (MGF), a prerequisite for DNA binding and induction of transcription.. 1994 , 13, 4361-4369		430
2223	Differential tyrosine phosphorylation of the IFNAR chain of the type I interferon receptor and of an associated surface protein in response to IFN-alpha and IFN-beta.. 1994 , 13, 5871-5877		113
2222	Rapid activation of the interferon-gamma signal transduction pathway by inhibitors of tyrosine phosphatases. 1994 , 14, 365-73		23
2221	A temperature-sensitive MEK mutation demonstrates the conservation of the signaling pathways activated by receptor tyrosine kinases. 1994 , 8, 2176-87		57
2220	Neurotropic factors, retrograde axonal transport and cell signalling. 1994 , 4, 383-6		37
2219	SH2 and SH3 domains as molecular adhesives: the interactions of Crk and Abl. 1994 , 19, 453-8		182
2218	The ins and outs of Raf kinases. 1994 , 19, 474-80		464
2217	Signal transduction. Just another signalling pathway. 1994 , 4, 1033-5		48
2216	A novel family of putative signal transducers associated with the cytoplasmic domain of the 75 kDa tumor necrosis factor receptor. 1994 , 78, 681-92		927
2215	Interferon response pathways--a paradigm for cytokine signalling?. 1994 , 1, 87-103		20
2214	The mammary factor MPBF is a prolactin-induced transcriptional regulator which binds to STAT factor recognition sites. 1994 , 350, 177-82		47
2213	Phosphorylation of JAK2 in thrombin-stimulated human platelets. 1994 , 352, 335-8		38
2212	Synergistic activation of intercellular adhesion molecule 1 (ICAM-1) by TNF-alpha and IFN-gamma is mediated by p65/p50 and p65/c-Rel and interferon-responsive factor Stat1 alpha (p91) that can be activated by both IFN-gamma and IFN-alpha. 1994 , 354, 220-6		97
2211	Tyrosine phosphorylation of the MUC1 breast cancer membrane proteins. Cytokine receptor-like molecules. 1994 , 356, 130-6		116

2210	An interleukin-4-induced transcription factor: IL-4 Stat. <i>Science</i> , 1994 , 265, 1701-6	333	736
2209	Molecular analysis of G1B and G3A IFN gamma mutants reveals that defects in CIITA or RFX result in defective class II MHC and li gene induction. 1994 , 1, 687-97		129
2208	Interferons block protein kinase C-dependent but not-independent activation of Raf-1 and mitogen-activated protein kinases and mitogenesis in NIH 3T3 cells. 1994 , 14, 8018-27		29
2207	Interleukin 12 induces tyrosine phosphorylation and activation of STAT4 in human lymphocytes. 1995 , 92, 7307-11		362
2206	Cooperative transcriptional activity of Jun and Stat3 beta, a short form of Stat3. 1995 , 92, 9097-101		318
2205	Epidermal growth factor induces the tyrosine phosphorylation and nuclear translocation of Stat 5 in mouse liver. 1995 , 92, 4215-8		128
2204	Interferon gamma signals via a high-affinity multisubunit receptor complex that contains two types of polypeptide chain. 1995 , 92, 5401-5		83
2203	Tyrosine phosphorylation and activation of STAT5, STAT3, and Janus kinases by interleukins 2 and 15. 1995 , 92, 8705-9		321
2202	Differentiation-regulated serine phosphorylation of STAT1 promotes GAF activation in macrophages. 1995 , 15, 3579-86		91
2201	Functional regions of the mouse interleukin-10 receptor cytoplasmic domain. 1995 , 15, 5043-53		98
2200	Cloning and expression of Stat5 and an additional homologue (Stat5b) involved in prolactin signal transduction in mouse mammary tissue. 1995 , 92, 8831-5		457
2199	Combinatorial association and abundance of components of interferon-stimulated gene factor 3 dictate the selectivity of interferon responses. 1995 , 92, 5645-9		128
2198	Restoration of surface IgM-mediated apoptosis in an anti-IgM-resistant variant of WEHI-231 lymphoma cells by HS1, a protein-tyrosine kinase substrate. 1995 , 92, 7302-6		65
2197	Interleukin 4 signals through two related pathways. 1995 , 92, 7971-5		74
2196	Critical role of the interleukin 2 (IL-2) receptor gamma-chain-associated Jak3 in the IL-2-induced c-fos and c-myc, but not bcl-2, gene induction. 1995 , 92, 8724-8		95
2195	Interleukin 2 activates STAT5 transcription factor (mammary gland factor) and specific gene expression in T lymphocytes. 1995 , 92, 10772-6		62
2194	Regulation of interleukin 12 p40 expression through an NF-kappa B half-site. 1995 , 15, 5258-67		432
2193	Role of STAT2 in the alpha interferon signaling pathway. 1995 , 15, 1312-7		250

2192	Transcriptional induction by double-stranded RNA is mediated by interferon-stimulated response elements without activation of interferon-stimulated gene factor 3. 1995 , 270, 19624-9	113
2191	Biochemie und Molekulargenetik 1994. 1995 , 43, 173-192	1
2190	Decreased expression of hepatocyte nuclear factor 3 alpha during the acute-phase response influences transthyretin gene transcription. 1995 , 15, 1364-76	87
2189	Differential regulation of the expression of interleukin-2 receptor gamma-chain during the in vitro differentiation of human myeloid cells. 1995 , 308 (Pt 3), 909-14	6
2188	Activation of the rat serine proteinase inhibitor 3 gene by interferon gamma via the interleukin 6-responsive element. 1995 , 309 (Pt 1), 63-7	10
2187	Interferon-alpha down-regulates the interleukin-6 receptor in a human multiple myeloma cell line, U266. 1995 , 309 (Pt 1), 175-80	25
2186	Association of a RING finger protein with the cytoplasmic domain of the human type-2 tumour necrosis factor receptor. 1995 , 309 (Pt 3), 825-9	42
2185	Ligand-dependent and -independent activation of the transcription factor gamma RF-1 in a cell-free system. 1995 , 310 (Pt 2), 461-7	2
2184	The Janus protein tyrosine kinase family and its role in cytokine signaling. 1995 , 60, 1-35	157
2183	Interferon-gamma in the management of infectious diseases. 1995 , 123, 216-24	106
2182	A major role for the protein tyrosine kinase JAK1 in the JAK/STAT signal transduction pathway in response to interleukin-6.. 1995 , 14, 1421-1429	303
2181	Transcription factors Stat3 and Stat5b are present in rat liver nuclei late in an acute phase response and bind interleukin-6 response elements. 1995 , 270, 29998-30006	131
2180	Induction of intercellular adhesion molecule 1 and class II histocompatibility antigens in colorectal tumour cells expressing activated ras oncogene. 1995 , 48, M326-32	2
2179	Signaling through the interleukin 2 receptor beta chain activates a STAT-5-like DNA-binding activity. 1995 , 92, 7192-6	80
2178	Chapter 24. SH2 and SH3 Domains: Choreographers of Multiple Signaling Pathways. 1995 , 30, 227-237	23
2177	Activation of the STAT pathway by angiotensin II in T3CHO/AT1A cells. Cross-talk between angiotensin II and interleukin-6 nuclear signaling. 1995 , 270, 19059-65	58
2176	Tyrosine-phosphorylated Stat1 and Stat2 plus a 48-kDa protein all contact DNA in forming interferon-stimulated-gene factor 3. 1995 , 92, 3829-33	191
2175	Angiotensin II signal transduction and the mitogen-activated protein kinase pathway. 1995 , 30, 511-517	48

2174	Activation of Stat5 by interleukin 2 requires a carboxyl-terminal region of the interleukin 2 receptor beta chain but is not essential for the proliferative signal transmission. 1995 , 92, 5482-6	182
2173	STAT3 activation by cytokines utilizing gp130 and related transducers involves a secondary modification requiring an H7-sensitive kinase. 1995 , 92, 6915-9	181
2172	An antiestrogen: a phosphotyrosyl peptide that blocks dimerization of the human estrogen receptor. 1995 , 92, 7475-9	55
2171	Similarities and differences in signal transduction by interleukin 4 and interleukin 13: analysis of Janus kinase activation. 1995 , 92, 7681-5	98
2170	Involvement of the double-stranded-RNA-dependent kinase PKR in interferon expression and interferon-mediated antiviral activity. 1995 , 92, 8841-5	110
2169	Recruitment of hepatocyte nuclear factor 4 into specific intranuclear compartments depends on tyrosine phosphorylation that affects its DNA-binding and transactivation potential. 1995 , 92, 9876-80	90
2168	Stimulation of interferon and cytokine gene expression by imiquimod and stimulation by Sendai virus utilize similar signal transduction pathways. 1995 , 15, 2207-18	114
2167	Cloning of murine Stat6 and human Stat6, Stat proteins that are tyrosine phosphorylated in responses to IL-4 and IL-3 but are not required for mitogenesis. 1995 , 15, 3336-43	292
2166	A STAT factor mediates the sexually dimorphic regulation of hepatic cytochrome P450 3A10/lithocholic acid 6 beta-hydroxylase gene expression by growth hormone. 1995 , 15, 4672-82	58
2165	Jaks and Stats in signaling by the cytokine receptor superfamily. 1995 , 11, 69-74	812
2164	Transcriptional control by protein phosphorylation: signal transmission from the cell surface to the nucleus. 1995 , 5, 747-57	665
2163	Two tumour necrosis factor receptors: structure and function. 1995 , 5, 392-9	698
2162	A novel cytoplasmic homology domain in interferon receptors. 1995 , 20, 55-6	16
2161	The role of p53 in regulating genomic stability when DNA and RNA synthesis are inhibited. 1995 , 20, 431-4	59
2160	Structure of the NF-kappa B transcription factor: a holistic interaction with DNA. 1995 , 3, 135-41	21
2159	Protein Kinase C in the Transduction of Signals Toward and within the Cell Nucleus. 1995 , 228, 211-221	6
2158	Involvement of Janus kinases in the insulin signaling pathway. 1995 , 234, 656-60	30
2157	Soluble human interleukin-6 receptor. Expression in insect cells, purification and characterization. 1995 , 234, 661-9	80

2156	Transcriptional activation of psoriasis-associated cytokeratin K17 by interferon-gamma. Analysis of gamma-interferon activation sites. 1995 , 227, 143-9	19
2155	The interferons: biological effects, mechanisms of action, and use in multiple sclerosis. 1995 , 37, 7-15	178
2154	Human leukocyte interferon alpha: structure, pharmacology, and therapeutic applications. 1995 , 15, 445-78	24
2153	Transcriptional regulation by MAP kinases. 1995 , 42, 459-67	374
2152	Induction of early response genes by interferons, interleukins, and growth factors by the tyrosine phosphorylation of latent transcription factors. Implications for chronic inflammatory diseases. 1995 , 38, 877-89	18
2151	Characterization of critical residues in the cytoplasmic domain of the human interleukin-5 receptor alpha chain required for growth signal transduction. 1995 , 25, 1857-64	45
2150	Interleukin-7 can induce the activation of Jak 1, Jak 3 and STAT 5 proteins in murine T cells. 1995 , 25, 3041-6	100
2149	Interleukin-6 signal transducer gp130 has specific binding sites for different cytokines as determined by antagonistic and agonistic anti-gp130 monoclonal antibodies. 1995 , 25, 3474-81	88
2148	Analysis of growth factor stimulated nucleocytoplasmic protein transport using two-dimensional gel electrophoresis. 1995 , 16, 1231-9	3
2147	Effects of interferon-alpha on human B cells: repression of apoptosis and prevention of cell growth are independent responses of Burkitt lymphoma lines. 1995 , 61, 348-54	22
2146	Induction of 2.5 OAS gene expression and activity is not sufficient for IFN-gamma-induced neuroblastoma cell differentiation. 1995 , 62, 223-9	9
2145	Rapid activation of the stat3 transcription complex in liver regeneration. 1995 , 21, 1443-1449	264
2144	Coexpression of liver-specific and growth-induced genes in perinatal and regenerating liver: Attainment and maintenance of the differentiated state during rapid proliferation. 1995 , 22, 906-914	30
2143	Role of tyrosine kinases in lymphocyte activation: targets for drug intervention. 1995 , 44, 357-71	16
2142	Interferon modulates the messenger RNA of G1-controlling genes to suppress the G1-to-S transition in Daudi cells. 1995 , 152, 149-58	16
2141	The murine form of TXK, a novel TEC kinase expressed in thymus maps to chromosome 5. 1995 , 6, 476-80	9
2140	Transcription factors. 1995 , 25 Suppl 2, 46-9	16
2139	Protein modules and signalling networks. 1995 , 373, 573-80	2236

2138	Direct stimulation of Jak/STAT pathway by the angiotensin II AT1 receptor. 1995 , 375, 247-50	664
2137	Crystal structure of a complex between interferon-gamma and its soluble high-affinity receptor. 1995 , 376, 230-5	350
2136	Mutations of Jak-3 gene in patients with autosomal severe combined immune deficiency (SCID). 1995 , 377, 65-8	742
2135	Activation of a cell-cycle-regulated histone gene by the oncogenic transcription factor IRF-2. 1995 , 377, 362-5	165
2134	Cytokine receptor signalling. 1995 , 377, 591-4	1138
2133	Elevated levels of members of the STAT family of transcription factors in breast carcinoma nuclear extracts. 1995 , 71, 840-4	193
2132	Immune defence in mice lacking type I and/or type II interferon receptors. 1995 , 148, 5-18	246
2131	Common cytokine receptor gamma chain (gamma c)-dependent cytokines: understanding in vivo functions by gene targeting. 1995 , 148, 19-34	67
2130	Cytokine knockout mice: possible application in toxicological research. 1995 , 105, 69-80	6
2129	Signaling mechanisms through cytokine receptors that share signal transducing receptor components. 1995 , 7, 17-23	86
2128	Innate immunity. 1995 , 7, 131-57	
2127	T helper cell differentiation in immune response. 1995 , 7, 360-6	90
2126	Developments in expression cloning. 1995 , 6, 567-73	32
2125	Interferon-beta treatment of human disease. 1995 , 6, 688-91	17
2124	Protein kinases as mediators of fluid shear stress stimulated signal transduction in endothelial cells: a hypothesis for calcium-dependent and calcium-independent events activated by flow. 1995 , 28, 1439-50	134
2123	The critical region in the cytoplasmic domain of human IL-4 receptor for induction of IgE synthesis. 1995 , 46, 215-9	5
2122	Three distinct loci on human chromosome 21 contribute to interferon-alpha/beta responsiveness. 1995 , 21, 139-45	7
2121	Increased glial fibrillary acidic protein (GFAP) levels in the brains of transgenic mice expressing the bovine growth hormone (bGH) gene. 1995 , 30, 383-400	41

2120	Regulation of the Jak/STAT signalling pathway. 1995 , 7, 739-45		30
2119	Signalling and transport through the nuclear membrane. 1995 , 1241, 425-51		44
2118	Signal transduction by cell adhesion receptors. 1995 , 1242, 77-98		60
2117	Translucent transduction. 1995 , 5, 213-214		
2116	The architecture of the interleukin-2 promoter: a reflection of T lymphocyte activation. 1995 , 1263, 181-200		182
2115	Growth hormone receptor: structure and signal transduction. 1995 , 133, 654-9		47
2114	Enhanced DNA-binding activity of a Stat3-related protein in cells transformed by the Src oncoprotein. <i>Science</i> , 1995 , 269, 81-3	33-3	820
2113	Regulation of the interferon system and cell growth by the IRF transcription factors. 1995 , 121, 516-20		108
2112	Activation of monocyte effector genes and STAT family transcription factors by inflammatory synovial fluid is independent of interferon gamma. 1995 , 181, 1015-25		51
2111	Interleukin-3 signals through multiple isoforms of Stat5.. 1995 , 14, 1402-1411		248
2110	Tyrosine 343 in the erythropoietin receptor positively regulates erythropoietin-induced cell proliferation and Stat5 activation.. 1995 , 14, 5557-5568		231
2109	The specificity of the transforming growth factor beta receptor kinases determined by a spatially addressable peptide library. 1995 , 92, 11761-5		40
2108	Distinct signal transduction through the tyrosine-containing domains of the granulocyte colony-stimulating factor receptor.. 1995 , 14, 5288-5296		68
2107	An amino acid substitution in the Drosophila hopTum-l Jak kinase causes leukemia-like hematopoietic defects.. 1995 , 14, 1412-1420		231
2106	Growth hormone rapidly activates rat serine protease inhibitor 2.1 gene transcription and induces a DNA-binding activity distinct from those of Stat1, -3, and -4. 1995 , 15, 12-8		39
2105	Human Lp(a): regions in sequences of apoproteins similar to domains in signal transduction proteins. 1995 , 1, 440-8		1
2104	Activating point mutations in the common beta subunit of the human GM-CSF, IL-3 and IL-5 receptors suggest the involvement of beta subunit dimerization and cell type-specific molecules in signalling.. 1995 , 14, 4276-4287		71
2103	Mutant USA cells are complemented by an interferon-alpha beta receptor subunit generated by alternative processing of a new member of a cytokine receptor gene cluster.. 1995 , 14, 5100-5108		191

2102	Activation of acute phase response factor (APRF)/Stat3 transcription factor by growth hormone. 1995 , 270, 3974-9	138
2101	Interleukin-3, granulocyte-macrophage colony stimulating factor and interleukin-5 transduce signals through two STAT5 homologs.. 1995 , 14, 1166-1175	457
2100	A novel cytokine-inducible gene CIS encodes an SH2-containing protein that binds to tyrosine-phosphorylated interleukin 3 and erythropoietin receptors.. 1995 , 14, 2816-2826	533
2099	Activation of a Drosophila Janus kinase (JAK) causes hematopoietic neoplasia and developmental defects.. 1995 , 14, 2857-2865	342
2098	Transcriptional regulation of endothelial cell adhesion molecules: NF- κ B and cytokine-inducible enhancers. 1995 , 9, 899-909	1487
2097	Prolactin, growth hormone, erythropoietin and granulocyte-macrophage colony stimulating factor induce MGF-Stat5 DNA binding activity.. 1995 , 14, 2005-2013	262
2096	Characterization of the interleukin-4 nuclear activated factor/STAT and its activation independent of the insulin receptor substrate proteins. 1995 , 270, 19481-6	34
2095	Thrombopoietin activates a STAT5-like factor in hematopoietic cells.. 1995 , 14, 2847-2856	166
2094	Interleukin 2 and erythropoietin activate STAT5/MGF via distinct pathways.. 1995 , 14, 2527-2535	174
2093	Distinct domains of the protein tyrosine kinase tyk2 required for binding of interferon-alpha/beta and for signal transduction. 1995 , 270, 3327-34	113
2092	Induction of c-fos expression through JNK-mediated TCF/Elk-1 phosphorylation.. 1995 , 14, 5957-5964	404
2091	Unexpected transcriptional signals in normal and mitotically defective cells mediated through cytokine and growth factor receptors. 1995 , 14, 921-30	1
2090	Interferon-gamma affects protein kinase C activity in human neutrophils. 1995 , 15, 777-84	6
2089	Cytokines: Interleukins and Their Receptors. 1995 ,	3
2088	Exogenous interferon-gamma induces endogenous synthesis of interferon-alpha and -beta by murine macrophages for induction of nitric oxide synthase. 1995 , 15, 897-904	32
2087	The impact of gene therapy on T cell function in cancer. 1995 , 6, 1259-64	25
2086	An Alu cassette in the cytoplasmic domain of an interferon receptor subunit. 1995 , 15, 815-7	18
2085	Shc and a novel 89-kDa component couple to the Grb2-Sos complex in fibroblast growth factor-2-stimulated cells. 1995 , 270, 23337-44	96

2084	Receptors for interleukin (IL)-4 do not associate with the common gamma chain, and IL-4 induces the phosphorylation of JAK2 tyrosine kinase in human colon carcinoma cells. 1995 , 270, 30829-36	83
2083	Interaction between the components of the interferon gamma receptor complex. 1995 , 270, 20915-21	122
2082	Characterization of specific DNA-binding factors activated by double-stranded RNA as positive regulators of interferon alpha/beta-stimulated genes. 1995 , 270, 23739-46	64
2081	Growth hormone induction of hepatic serine protease inhibitor 2.1 transcription is mediated by a Stat5-related factor binding synergistically to two gamma-activated sites. 1995 , 270, 24903-10	92
2080	Ras is not required for the interleukin 3-induced proliferation of a mouse pro-B cell line, BaF3. 1995 , 270, 27880-6	57
2079	Association of the interferon-dependent tyrosine kinase Tyk-2 with the hematopoietic cell phosphatase. 1995 , 270, 18179-82	95
2078	Interleukin-3, erythropoietin, and prolactin activate a STAT5-like factor in lymphoid cells. 1995 , 270, 15942-5	103
2077	The regulation of AP-1 activity by mitogen-activated protein kinases. 1995 , 270, 16483-6	1966
2076	Exogenous and endogenous type I interferons inhibit interferon-gamma-induced nitric oxide production and nitric oxide synthase expression in murine peritoneal macrophages. 1995 , 15, 977-84	18
2075	Studies on natural ST2 gene products in the human leukemic cell line UT-7 using monoclonal antihuman ST2 antibodies. 1995 , 14, 419-27	19
2074	Involvement of two regulatory elements in interferon-gamma-regulated expression of human indoleamine 2,3-dioxygenase gene. 1995 , 15, 517-26	65
2073	The interferon-inducible protein kinase PKR modulates the transcriptional activation of immunoglobulin kappa gene. 1995 , 270, 25426-34	38
2072	Involvement of p59fynT in interleukin-5 receptor signaling. 1995 , 182, 811-20	62
2071	Intracellular tyrosine residues of the human growth hormone receptor are not required for the signaling of proliferation or Jak-STAT activation. 1995 , 270, 7021-4	66
2070	Abi-2, a novel SH3-containing protein interacts with the c-Abl tyrosine kinase and modulates c-Abl transforming activity. 1995 , 9, 2569-82	224
2069	Regulation of the balance of cytokine production and the signal transducer and activator of transcription (STAT) transcription factor activity by cytokines and inflammatory synovial fluids. 1995 , 182, 1825-31	53
2068	Erythropoietin induces the tyrosine phosphorylation, nuclear translocation, and DNA binding of STAT1 and STAT5 in erythroid cells. 1995 , 270, 31282-7	101
2067	Interleukin-9 induces tyrosine phosphorylation of insulin receptor substrate-1 via JAK tyrosine kinases. 1995 , 270, 20497-502	110

2066	Interferon-alpha engages the insulin receptor substrate-1 to associate with the phosphatidylinositol 3'-kinase. 1995 , 270, 15938-41		160
2065	Stat5 as a target for regulation by extracellular matrix. 1995 , 270, 21639-44		119
2064	Cardiotrophin-1. Biological activities and binding to the leukemia inhibitory factor receptor/gp130 signaling complex. 1995 , 270, 10915-22		361
2063	Interaction of the transcriptional activator Stat-2 with the type I interferon receptor. 1995 , 270, 24627-30		37
2062	Presence of a new conserved domain in CART1, a novel member of the tumor necrosis factor receptor-associated protein family, which is expressed in breast carcinoma. 1995 , 270, 25715-21		182
2061	cIRF-3, a new member of the interferon regulatory factor (IRF) family that is rapidly and transiently induced by dsRNA. 1995 , 23, 2137-46		55
2060	Integration of MAP kinase signal transduction pathways at the serum response element. <i>Science</i> , 1995 , 269, 403-7	33.3	881
2059	Separate signaling mechanisms are involved in the control of STAT protein activation and gene regulation via the interleukin 6 response element by the box 3 motif of gp130. 1995 , 270, 14847-50		56
2058	Mediation of growth hormone-dependent transcriptional activation by mammary gland factor/Stat 5. 1995 , 270, 9448-53		122
2057	Syp associates with gp130 and Janus kinase 2 in response to interleukin-11 in 3T3-L1 mouse preadipocytes. 1995 , 270, 24826-30		47
2056	Pip, a novel IRF family member, is a lymphoid-specific, PU.1-dependent transcriptional activator. 1995 , 9, 1377-87		380
2055	A STAT protein domain that determines DNA sequence recognition suggests a novel DNA-binding domain. 1995 , 9, 984-94		407
2054	Beta 3-endonexin, a novel polypeptide that interacts specifically with the cytoplasmic tail of the integrin beta 3 subunit. 1995 , 131, 807-16		175
2053	Chicken interferon consensus sequence-binding protein (ICSBP) and interferon regulatory factor (IRF) 1 genes reveal evolutionary conservation in the IRF gene family. 1995 , 92, 3105-9		34
2052	Intermittent plasma growth hormone triggers tyrosine phosphorylation and nuclear translocation of a liver-expressed, Stat 5-related DNA binding protein. Proposed role as an intracellular regulator of male-specific liver gene transcription. 1995 , 270, 13262-70		185
2051	Aromatase P450 gene expression in human adipose tissue. Role of a Jak/STAT pathway in regulation of the adipose-specific promoter. 1995 , 270, 16449-57		169
2050	The Jak kinases differentially associate with the alpha and beta (accessory factor) chains of the interferon gamma receptor to form a functional receptor unit capable of activating STAT transcription factors. 1995 , 270, 17528-34		114
2049	Signal transduction by a CD16/CD7/Jak2 fusion protein. 1995 , 270, 18420-7		27

2048	Cloning and expression of a long form of the beta subunit of the interferon alpha beta receptor that is required for signaling. 1995 , 270, 21606-11	179
2047	Configuration of the interferon-alpha/beta receptor complex determines the context of the biological response. 1995 , 270, 21785-92	33
2046	Role of LFB3 in cell-specific cAMP induction of the urokinase-type plasminogen activator gene. 1995 , 270, 21833-8	13
2045	Identification of a variable region within the cytoplasmic tail of the IL-2 receptor beta chain that is required for growth signal transduction. 1995 , 270, 22176-81	19
2044	Promoter structure and transcriptional activation of the murine TSG-14 gene encoding a tumor necrosis factor/interleukin-1-inducible pentraxin protein. 1995 , 270, 25584-90	64
2043	Triggering of the human interleukin-6 gene by interferon-gamma and tumor necrosis factor-alpha in monocytic cells involves cooperation between interferon regulatory factor-1, NF kappa B, and Sp1 transcription factors. 1995 , 270, 27920-31	168
2042	Transcriptional regulation of the interferon-gamma-inducible tryptophanyl-tRNA synthetase includes alternative splicing. 1995 , 270, 397-403	81
2041	The genomic structure of the STAT genes: multiple exons in coincident sites in Stat1 and Stat2. 1995 , 23, 459-63	50
2040	Phosphorylation and activation of the DNA binding activity of purified Stat1 by the Janus protein-tyrosine kinases and the epidermal growth factor receptor. 1995 , 270, 20775-80	128
2039	Roles of protein-tyrosine phosphatases in Stat1 alpha-mediated cell signaling. 1995 , 270, 25709-14	86
2038	Endocytosis of interleukin 2 receptors in human T lymphocytes: distinct intracellular localization and fate of the receptor alpha, beta, and gamma chains. 1995 , 129, 55-64	171
2037	A novel IL-4 responsive element of the E alpha MHC class II promoter that binds to an inducible factor. 1995 , 23, 2919-28	10
2036	Signal transduction by the antigen receptors of B and T lymphocytes. 1995 , 157, 181-276	20
2035	Regulation of JAK3 expression in human monocytes: phosphorylation in response to interleukins 2, 4, and 7. 1995 , 181, 1425-31	99
2034	The expression of stat91, ras-independent signal transducer and activator, in human gastric carcinomas. 1995 , 7, 907-11	
2033	Biphasic transcriptional regulation of the interferon regulatory factor-1 gene by prolactin: involvement of gamma-interferon-activated sequence and Stat-related proteins. 1995 , 9, 513-25	39
2032	Jak-STAT signaling induced by the v-abl oncogene. <i>Science</i> , 1995 , 269, 1875-7	33:3 313
2031	Cytokines as mediators of autoimmune diabetes and diabetic complications. 1995 , 16, 164-76	54

2030	Does gene therapy call for "STAT" immunity and inflammation at the epithelial barrier?. 1995 , 12, 127-9	5
2029	Signal integration at the c-fos promoter. 1995 , 16, 443-50	110
2028	Inhibition of type I collagen mRNA expression independent of tryptophan depletion in interferon-gamma-treated human dermal fibroblasts. 1995 , 105, 388-93	18
2027	Up-regulation of keratin 17 expression in human HaCaT keratinocytes by interferon-gamma. 1995 , 104, 58-61	45
2026	Interferon (IFN) beta acts downstream of IFN-gamma-induced class II transactivator messenger RNA accumulation to block major histocompatibility complex class II gene expression and requires the 48-kD DNA-binding protein, ISGF3-gamma. 1995 , 182, 1517-25	95
2025	Interleukin 12 signaling in T helper type 1 (Th1) cells involves tyrosine phosphorylation of signal transducer and activator of transcription (Stat)3 and Stat4. 1995 , 181, 1755-62	574
2024	Lack of interferon gamma receptor beta chain and the prevention of interferon gamma signaling in TH1 cells. <i>Science</i> , 1995 , 269, 245-7	33.3 263
2023	STAT protein complexes activated by interferon-gamma and gp130 signaling molecules differ in their sequence preferences and transcriptional induction properties. 1995 , 23, 3283-9	50
2022	Growth signal transduction by the human interleukin-2 receptor requires cytoplasmic tyrosines of the beta chain and non-tyrosine residues of the gamma c chain. 1995 , 270, 21729-37	61
2021	Growth factors in breast cancer. 1995 , 16, 559-89	309
2020	5' upstream sequences of MyD88, an IL-6 primary response gene in M1 cells: detection of functional IRF-1 and Stat factors binding sites. 1995 , 23, 3539-46	34
2019	Response and resistance to interferons and interacting cytokines. 1995 , 87, 257-64	9
2018	Secretion of bovine uterine proteins in response to type I interferons. 1995 , 52, 848-54	28
2017	Molecular cloning of LSIRF, a lymphoid-specific member of the interferon regulatory factor family that binds the interferon-stimulated response element (ISRE). 1995 , 23, 2127-36	200
2016	Interleukin 12 (IL-12) induces tyrosine phosphorylation of JAK2 and TYK2: differential use of Janus family tyrosine kinases by IL-2 and IL-12. 1995 , 181, 399-404	276
2015	Alpha and beta interferons and their receptor and their friends and relations. 1995 , 15, 3-26	205
2014	Cytokine signaling through nonreceptor protein tyrosine kinases. <i>Science</i> , 1995 , 268, 251-5	33.3 670
2013	The human leukocyte antigen A2 interferon-stimulated response element consensus sequence binds a nuclear factor required for constitutive expression. 1995 , 270, 12276-85	17

2012	JAK2, Ras, and Raf are required for activation of extracellular signal-regulated kinase/mitogen-activated protein kinase by growth hormone. 1995 , 270, 30837-40	150
2011	Interleukin-11 induces complex formation of Grb2, Fyn, and JAK2 in 3T3L1 cells. 1995 , 270, 27999-8002	35
2010	Recent Progress in Signal Transduction Related to Bone Remodeling and Aging. 1995 , 56, S35-S38	3
2009	The action of interleukin-2 receptor subunits defines a new type of signaling mechanism for hematopoietin receptors in hepatic cells and fibroblasts. 1995 , 270, 8298-310	26
2008	Spacing of palindromic half sites as a determinant of selective STAT (signal transducers and activators of transcription) DNA binding and transcriptional activity. 1995 , 92, 3041-5	361
2007	Characterization of a Stat-like DNA binding activity in <i>Drosophila melanogaster</i> . 1995 , 270, 16510-3	25
2006	Activation of STAT factors by prolactin, interferon-gamma, growth hormones, and a tyrosine phosphatase inhibitor in rabbit primary mammary epithelial cells. 1995 , 270, 20952-61	55
2005	Potent interleukin 3 receptor agonist with selectively enhanced hematopoietic activity relative to recombinant human interleukin 3. 1995 , 92, 3779-83	46
2004	Vaccinia virus B18R gene encodes a type I interferon-binding protein that blocks interferon alpha transmembrane signaling. 1995 , 270, 15974-8	277
2003	Gamma chain-associated cytokine receptors signal through distinct transducing factors. 1995 , 270, 14517-22	27
2002	Requirement of serine phosphorylation for formation of STAT-promoter complexes. <i>Science</i> , 1995 , 267, 1990-4	33-3 504
2001	Erythropoietin-induced recruitment of Shc via a receptor phosphotyrosine-independent, Jak2-associated pathway. 1995 , 270, 11055-61	73
2000	Role of platelet-derived growth factor in renal injury. 1995 , 57, 297-309	93
1999	A single pulse of nerve growth factor triggers long-term neuronal excitability through sodium channel gene induction. 1995 , 14, 607-11	143
1998	Regulation of interleukin-12 signal transduction during T helper phenotype development. 1995 , 146, 446-56	13
1997	IL-2 signaling: recruitment and activation of multiple protein tyrosine kinases by the components of the IL-2 receptor. 1995 , 7, 156-62	43
1996	Nucleus and gene expression. 1995 , 7, 421-61	
1995	Prolactin-mediated gene activation in mammary epithelial cells. 1995 , 5, 587-94	102

1994	Complementation cloning of mammalian transcriptional regulators: the example of MHC class II gene regulators. 1995 , 5, 646-51	14
1993	Differentiation and gene regulation. 1995 , 5, 669-703	
1992	New aspects of the renin-angiotensin system in blood pressure regulation. 1995 , 6, 279-84	7
1991	Stat recruitment by tyrosine-phosphorylated cytokine receptors: an ordered reversible affinity-driven process. 1995 , 2, 677-87	251
1990	Components of a Stat recognition code: evidence for two layers of molecular selectivity. 1995 , 2, 689-97	230
1989	Human MHC class II gene transcription directed by the carboxyl terminus of CIITA, one of the defective genes in type II MHC combined immune deficiency. 1995 , 2, 545-53	141
1988	Identification and purification of human Stat proteins activated in response to interleukin-2. 1995 , 2, 321-9	191
1987	The role of shared receptor motifs and common Stat proteins in the generation of cytokine pleiotropy and redundancy by IL-2, IL-4, IL-7, IL-13, and IL-15. 1995 , 2, 331-9	629
1986	Cytokines and STATs: how can signals achieve specificity?. 1995 , 3, 1-4	118
1985	An interferon-gamma activation sequence mediates the transcriptional regulation of the IgG Fc receptor type IC gene by interferon-gamma. 1995 , 32, 841-51	10
1984	Anti-viral and immunomodulatory effects of interferon-alpha on cultured lymphocytes from patients with human T lymphotropic virus type I-associated myelopathy (HAM/TSP). 1995 , 61, 213-21	11
1983	Interferon regulatory factor-2 physically interacts with NF-kappa B in vitro and inhibits NF-kappa B induction of major histocompatibility class I and beta 2-microglobulin gene expression in transfected human neuroblastoma cells. 1995 , 63, 157-62	33
1982	Protein tyrosine phosphorylation as a mechanism which regulates cytokine activation of early response genes. 1995 , 1266, 278-87	47
1981	Cooperative effects of interferon-gamma on the induction of NADPH oxidase by retinoic acid or 1,25(OH) ₂ -vitamin D ₃ in monocytic U937 cells. 1995 , 1269, 25-31	16
1980	Cytokine regulation of HIV-1 LTR transactivation in human hepatocellular carcinoma cell lines. 1995 , 94, 41-8	10
1979	Maximal activation of transcription by Stat1 and Stat3 requires both tyrosine and serine phosphorylation. 1995 , 82, 241-50	1708
1978	Different levels of the C. elegans growth factor LIN-3 promote distinct vulval precursor fates. 1995 , 82, 297-307	168
1977	Transcriptional regulation by extracellular signals: mechanisms and specificity. 1995 , 80, 199-211	1171

1976	Dimerization of cell surface receptors in signal transduction. 1995 , 80, 213-23	1434
1975	Modular binding domains in signal transduction proteins. 1995 , 80, 237-48	935
1974	The Janus protein tyrosine kinases in hematopoietic cytokine signaling. 1995 , 7, 247-54	55
1973	Interferon induction of gene expression through the Jak/Stat pathway. 1995 , 6, 181-189	37
1972	The LIF response element of the alpha 2 macroglobulin gene confers LIF-induced transcriptional activation in embryonal stem cells. 1995 , 7, 491-502	22
1971	Increased protein tyrosine-phosphorylation in primary T-cells transduced with Tax1 of human T-cell leukemia virus type I. 1995 , 358, 34-8	2
1970	A novel member of the TRAF family of putative signal transducing proteins binds to the cytosolic domain of CD40. 1995 , 358, 113-8	158
1969	Possible involvement of the transcription factor ISGF3 gamma in virus-induced expression of the IFN-beta gene. 1995 , 358, 225-9	40
1968	Colony-stimulating factors and interferon-gamma activate a protein related to MGF-Stat 5 to cause formation of the differentiation-induced factor in myeloid cells. 1995 , 360, 29-33	37
1967	The membrane proximal region of the cytoplasmic domain of the growth hormone receptor is involved in the activation of Stat 3. 1995 , 369, 169-72	33
1966	Thrombopoietin (TPO) induces tyrosine phosphorylation and activation of STAT5 and STAT3. 1995 , 370, 63-8	64
1965	A new hepatocyte stimulating factor: cardiotrophin-1 (CT-1). 1995 , 372, 177-80	26
1964	Threading analysis suggests that the obese gene product may be a helical cytokine. 1995 , 373, 13-8	180
1963	Thrombopoietin, c-Mpl ligand, induces tyrosine phosphorylation of Tyk2, JAK2, and STAT3, and enhances agonists-induced aggregation in platelets in vitro. 1995 , 374, 48-52	109
1962	Homodimerization and intermolecular tyrosine phosphorylation of the Tyk-2 tyrosine kinase. 1995 , 374, 317-22	5
1961	HLA class I antigens in human tumors. 1995 , 67, 155-95	101
1960	Signaling through the hematopoietic cytokine receptors. 1995 , 13, 369-98	528
1959	Molecular dissection of the growth hormone receptor. Identification of distinct cytoplasmic domains corresponding to different signaling pathways. 1995 , 766, 481-3	2

1958	Intracellular receptors and signal transducers and activators of transcription superfamilies: novel targets for small-molecule drug discovery. 1995 , 38, 4855-74		77
1957	Neuron-specific regulation of major histocompatibility complex class I, interferon-beta, and anti-viral state genes. 1995 , 58, 145-55		26
1956	Transcriptional regulation of complement genes. 1995 , 13, 277-305		89
1955	Choice of STATs and other substrates specified by modular tyrosine-based motifs in cytokine receptors. <i>Science</i> , 1995 , 267, 1349-53	33.3	921
1954	Contribution of STAT SH2 groups to specific interferon signaling by the Jak-STAT pathway. <i>Science</i> , 1995 , 267, 1347-9	33.3	367
1953	Interferon regulatory factor element and interferon regulatory factor 1 in the induction of major histocompatibility complex class I genes in neural cells. 1995 , 15, 799-810		12
1952	Antiviral activity of autocrine interferon-beta requires the presence of a functional interferon type I receptor. 1995 , 15, 785-9		11
1951	Regulation of metallothionein gene expression by TNF-alpha and IFN-beta in human fibroblasts. 1995 , 7, 242-50		27
1950	The common gamma-chain for multiple cytokine receptors. 1995 , 59, 225-77		134
1949	Defective lymphoid development in mice lacking Jak3. <i>Science</i> , 1995 , 270, 800-2	33.3	572
1948	Oncogenes and cell proliferation. 1995 , 5, 115-50		
1947	The nuclear factor IL-4 (NF-IL4). 1995 , 193, 273-80		2
1946	Control of cytokeratin 17 expression by interferon gamma. 1995 , 193, 322-7		2
1945	Activity of Stat family transcription factors is developmentally controlled in cells of the macrophage lineage. 1995 , 193, 328-33		10
1944	Transcriptional responses to polypeptide ligands: the JAK-STAT pathway. 1995 , 64, 621-51		1619
1943	Coexpression of liver-specific and growth-induced genes in perinatal and regenerating liver: Attainment and maintenance of the differentiated state during rapid proliferation*1. 1995 , 22, 906-914		2
1942	The proximal milk protein binding factor binding site is required for the prolactin responsiveness of the sheep beta-lactoglobulin promoter in Chinese hamster ovary cells. 1995 , 107, 113-21		28
1941	The genetic program of genital human papillomaviruses in infection and cancer. 1996 , 23, 735-58		31

1940	The regulation of AP-1 activity by mitogen-activated protein kinases. 1996 , 351, 127-34	206
1939	Janus kinases in cytokine signalling. 1996 , 351, 159-66	62
1938	Production of ISG-15, an interferon-inducible protein, in human corneal cells. 1996 , 16, 937-40	13
1937	Roles of JAK kinases in human GM-CSF receptor signal transduction. 1996 , 98, S183-91	39
1936	Intracellular, genetic or congenital immunisation--transgenic approaches to increase disease resistance of farm animals. 1996 , 44, 233-42	11
1935	Estrogen biosynthesis in adipose. Significance in breast cancer development. 1996 , 784, 18-26	14
1934	Signal transduction by interleukin-12 and interleukin-2. A comparison and contrast. 1996 , 795, 41-59	11
1933	ISGF3 gamma p48, a specificity switch for interferon activated transcription factors. 1996 , 7, 11-7	121
1932	The epidermal growth factor receptor and its ligands as therapeutic targets in human tumors. 1996 , 7, 133-41	86
1931	The type-I interferon receptor. The long and short of it. 1996 , 7, 143-51	107
1930	Placental lactogen-I variant utilizes the prolactin receptor signaling pathway. 1996 , 116, 49-58	36
1929	Contrasting acute in vivo nuclear actions of growth hormone and prolactin. 1996 , 121, 109-17	13
1928	Multiple stat complexes interact at the interferon regulatory factor-1 interferon-gamma activation sequence in prolactin-stimulated Nb2 T cells. 1996 , 121, 19-28	48
1927	Possible involvement of Janus kinase Jak2 in interferon-gamma induction of nitric oxide synthase in rat glial cells. 1996 , 306, 297-306	32
1926	Delta-9-tetrahydrocannabinol: an inhibitor of STAT1 alpha protein tyrosine phosphorylation. 1996 , 51, 967-73	2
1925	Identification of alternative splicing form of Stat2. 1996 , 381, 191-4	9
1924	Comparative study on the phosphotyrosine motifs of different cytokine receptors involved in STAT5 activation. 1996 , 394, 221-6	37
1923	IL-10 induces DNA binding activity of three STAT proteins (Stat1, Stat3, and Stat5) and their distinct combinatorial assembly in the promoters of selected genes. 1996 , 394, 365-70	128

1922	Tyrosine phosphorylation is crucial for growth signaling by tissue inhibitors of metalloproteinases (TIMP-1 and TIMP-2). 1996 , 396, 103-7	79
1921	PDGF receptor-to-nucleus signaling of p91 (STAT1 alpha) transcription factor in rat smooth muscle cells. 1996 , 222, 125-30	33
1920	The Cytokine Profile of Resting and Activated NK Cells. 1996 , 9, 370-8	31
1919	Endothelin stimulates sis-inducing factor-like DNA binding activity in CHO-K1 cells expressing ETA receptors. 1996 , 221, 62-6	20
1918	Interleukin 3 activates not only JAK2 and STAT5, but also Tyk2, STAT1, and STAT3. 1996 , 221, 785-9	25
1917	Rat p67 GBP is induced by interferon-gamma and isoprenoid-modified in macrophages. 1996 , 224, 528-34	18
1916	STAT-like DNA-binding activity in Spodoptera frugiperda cells. 1996 , 225, 562-9	5
1915	Interaction of the c-cbl proto-oncogene product with the Tyk-2 protein tyrosine kinase. 1996 , 225, 833-8	31
1914	Human cardiotrophin-1: protein and gene structure, biological and binding activities, and chromosomal localization. 1996 , 8, 183-9	71
1913	Raf regulates positive selection. 1996 , 26, 2350-5	88
1912	IL-2 gene therapy of solid tumors: an approach for the prevention of signal transduction defects in T cells. 1996 , 74, 127-34	9
1911	Molecular biology of angiotensin receptors and their role in human cardiovascular disease. 1996 , 74, 233-51	36
1910	The role of tyrosine phosphorylation in angiotensin II mediated intracellular signaling and cell growth. 1996 , 74, 85-91	38
1909	IL-6 cytokine family and signal transduction: a model of the cytokine system. 1996 , 74, 1-12	182
1908	Intercellular adhesion molecule-1 (ICAM-1; CD54) expression in human hepatocytic cells depends on protein kinase C. 1996 , 25, 670-6	9
1907	Tyrosine phosphorylation of I kappa B-alpha activates NF-kappa B without proteolytic degradation of I kappa B-alpha. 1996 , 86, 787-98	643
1906	STATs: signal transducers and activators of transcription. 1996 , 84, 331-4	1277
1905	Identification of a Stat gene that functions in Drosophila development. 1996 , 84, 421-30	508

1904	Targeted disruption of the Stat1 gene in mice reveals unexpected physiologic specificity in the JAK-STAT signaling pathway. 1996 , 84, 431-42	1428
1903	Targeted disruption of the mouse Stat1 gene results in compromised innate immunity to viral disease. 1996 , 84, 443-50	1332
1902	Immunodeficiency and chronic myelogenous leukemia-like syndrome in mice with a targeted mutation of the ICSBP gene. 1996 , 87, 307-17	555
1901	c-Jun can recruit JNK to phosphorylate dimerization partners via specific docking interactions. 1996 , 87, 929-39	431
1900	Emerging paradigms in granulocyte-macrophage colony-stimulating factor signaling. 1996 , 59, 2099-111	16
1899	Angiotensin II signalling events mediated by tyrosine phosphorylation. 1996 , 8, 21-6	45
1898	Hepatitis C virus infection: clinical aspects and treatment with interferon alfa. 1996 , 18 Suppl B, 110-25	2
1897	A promoter ISRE and dual 5' YY1 motifs control IFN-gamma induction of the IRG-47 G-protein gene. 1996 , 179, 237-44	11
1896	Different relative activities of human cell-derived interferon-alpha subtypes: IFN-alpha 8 has very high antiviral potency. 1996 , 16, 1027-33	96
1895	Growth hormone receptor signalling. 1996 , 10, 323-36	23
1894	Nuclear tyrosine kinases: from Abl to WEE1. 1996 , 8, 174-81	68
1893	Roles of the JAK-STAT system in signal transduction via cytokine receptors. 1996 , 6, 587-96	72
1892	Two signals are necessary for cell proliferation induced by a cytokine receptor gp130: involvement of STAT3 in anti-apoptosis. 1996 , 5, 449-60	584
1891	IL-4 function can be transferred to the IL-2 receptor by tyrosine containing sequences found in the IL-4 receptor alpha chain. 1996 , 4, 113-21	78
1890	Growth and gene expression are predominantly controlled by distinct regions of the human IL-4 receptor. 1996 , 4, 123-32	138
1889	MOLECULAR BIOLOGY OF CYTOKINES IN ALLERGIC DISEASES AND ASTHMA. 1996 , 16, 613-642	6
1888	Cell growth arrest and induction of cyclin-dependent kinase inhibitor p21 WAF1/CIP1 mediated by STAT1. <i>Science</i> , 1996 , 272, 719-22	33-3 714
1887	STATs find that hanging together can be stimulating. <i>Science</i> , 1996 , 273, 750-1	33-3 25

1886	Regulation of interferon-gamma-activated STAT1 by the ubiquitin-proteasome pathway. <i>Science</i> , 1996 , 273, 1717-9	33-3	377
1885	Liver failure and defective hepatocyte regeneration in interleukin-6-deficient mice. <i>Science</i> , 1996 , 274, 1379-83	33-3	1307
1884	Suppression by anticancer agents of reactive oxygen generation from polymorphonuclear leukocytes. 1996 , 24, 39-53		7
1883	JAK2 is essential for activation of c-fos and c-myc promoters and cell proliferation through the human granulocyte-macrophage colony-stimulating factor receptor in BA/F3 cells. 1996 , 271, 12681-6		111
1882	Interleukin-2 activation of STAT5 requires the convergent action of tyrosine kinases and a serine/threonine kinase pathway distinct from the Raf1/ERK2 MAP kinase pathway.. 1996 , 15, 1902-1913		123
1881	Regulation of WT1 by phosphorylation: inhibition of DNA binding, alteration of transcriptional activity and cellular translocation.. 1996 , 15, 5606-5615		70
1880	H-RYK, an Unusual Receptor Kinase: Isolation and Analysis of Expression in Ovarian Cancer. 1996 , 2, 189-203		26
1879	. 1996 ,		49
1878	Role of Cytokines in Development of Th1 and Th2 Cells. 1996 , 63, 1-13		5
1877	Influence of cocaine on the JAK-STAT pathway in the mesolimbic dopamine system. 1996 , 16, 8019-26		48
1876	Mouse oncostatin M: an immediate early gene induced by multiple cytokines through the JAK-STAT5 pathway.. 1996 , 15, 1055-1063		170
1875	Raf protein serine/threonine kinases. 203-236		6
1874	Defective STAT signaling by the leptin receptor in diabetic mice. 1996 , 93, 6231-5		660
1873	Identification of an interferon-gamma receptor alpha chain sequence required for JAK-1 binding. 1996 , 271, 9-12		77
1872	Regulation of STAT-dependent pathways by growth factors and cytokines. 1996 , 10, 1578-1588		254
1871	Transcriptional regulation of MHC class I genes. 1996 , 23, 395-413		20
1870	Mapping protein-protein interactions by affinity-directed mass spectrometry. 1996 , 93, 4020-4		77
1869	Diversification of Neu differentiation factor and epidermal growth factor signaling by combinatorial receptor interactions.. 1996 , 15, 2452-2467		560

1868	In vitro activation of Stat3 by epidermal growth factor receptor kinase. 1996 , 93, 13704-8	154
1867	DNA binding of in vitro activated Stat1 alpha, Stat1 beta and truncated Stat1: interaction between NH2-terminal domains stabilizes binding of two dimers to tandem DNA sites.. 1996 , 15, 5616-5626	222
1866	Porcine somatotrophin differentially down-regulates expression of the GLUT4 and fatty acid synthase genes in pig adipose tissue. 1996 , 126, 2568-77	22
1865	The molecular role of the common gamma c subunit in signal transduction reveals functional asymmetry within multimeric cytokine receptor complexes. 1996 , 93, 231-5	49
1864	Isolation and characterization of mutant cell lines defective in transforming growth factor beta signaling. 1996 , 93, 7655-60	15
1863	A central role for Stat3 in IL-6-induced regulation of growth and differentiation in M1 leukemia cells.. 1996 , 15, 3651-3658	463
1862	Kinase-negative mutants of JAK1 can sustain interferon-gamma-inducible gene expression but not an antiviral state.. 1996 , 15, 799-809	130
1861	Unique signal transduction of Eyk: constitutive stimulation of the JAK-STAT pathway by an oncogenic receptor-type tyrosine kinase.. 1996 , 15, 4515-4525	58
1860	Identification of a novel receptor/signal transduction pathway for IL-15/T in mast cells.. 1996 , 15, 4928-4939	127
1859	Organization and chromosomal localization of the gene encoding the mouse acid labile subunit of the insulin-like growth factor binding complex. 1996 , 93, 10028-33	37
1858	The interleukin-7 receptor alpha chain transmits distinct signals for proliferation and differentiation during B lymphopoiesis.. 1996 , 15, 1924-1932	159
1857	The rapid inactivation of nuclear tyrosine phosphorylated Stat1 depends upon a protein tyrosine phosphatase.. 1996 , 15, 6262-6268	250
1856	Reflections on STAT3, STAT5, and STAT6 as fat STATs. 1996 , 93, 6221-4	78
1855	Promoter regions involved in density-dependent regulation of basic fibroblast growth factor gene expression in human astrocytic cells. 1996 , 93, 2470-5	41
1854	The box1 domain of the erythropoietin receptor specifies Janus kinase 2 activation and functions mitogenically within an interleukin 2 beta-receptor chimera. 1996 , 271, 16472-6	51
1853	Association of leukocyte surface receptors with protein kinases. 1996 , 110, 1-6	4
1852	Suppression of interleukin-3-induced gene expression by a C-terminal truncated Stat5: role of Stat5 in proliferation.. 1996 , 15, 2425-2433	318
1851	Differentiation and growth arrest signals are generated through the cytoplasmic region of gp130 that is essential for Stat3 activation.. 1996 , 15, 1557-1565	172

1850	Inhibition of cytokines and JAK-STAT activation by distinct signaling pathways. 1996 , 93, 9499-504	112
1849	A JAK-STAT pathway regulates wing vein formation in <i>Drosophila</i> . 1996 , 93, 5842-7	64
1848	Tyrosine residues in the granulocyte colony-stimulating factor (G-CSF) receptor mediate G-CSF-induced differentiation of murine myeloid leukemic (M1) cells. 1996 , 271, 26947-53	64
1847	Interferon-alpha-induced phosphorylation and activation of cytosolic phospholipase A2 is required for the formation of interferon-stimulated gene factor three.. 1996 , 15, 1566-1571	41
1846	Roles of JAKs in activation of STATs and stimulation of c-fos gene expression by epidermal growth factor. 1996 , 16, 369-75	201
1845	Requirements for interleukin-4-induced gene expression and functional characterization of Stat6. 1996 , 16, 5811-20	232
1844	Naturally occurring dominant negative variants of Stat5. 1996 , 16, 6141-8	238
1843	Interferon regulatory factors and TFIIB cooperatively regulate interferon-responsive promoter activity in vivo and in vitro. 1996 , 16, 6313-24	59
1842	Interactions between STAT and non-STAT proteins in the interferon-stimulated gene factor 3 transcription complex. 1996 , 16, 6957-64	163
1841	Activation and association of Stat3 with Src in v-Src-transformed cell lines. 1996 , 16, 1595-603	337
1840	The lipopolysaccharide-binding protein is a secretory class 1 acute-phase protein whose gene is transcriptionally activated by APRF/STAT/3 and other cytokine-inducible nuclear proteins. 1996 , 16, 3490-503	171
1839	A point mutation in the extracellular domain activates LET-23, the <i>Caenorhabditis elegans</i> epidermal growth factor receptor homolog. 1996 , 16, 529-37	64
1838	Erythropoietin induces activation of Stat5 through association with specific tyrosines on the receptor that are not required for a mitogenic response. 1996 , 16, 1622-31	250
1837	Multiple cis-trans conformers of the prolactin receptor proline-rich motif (PRM) peptide detected by reverse-phase HPLC, CD and NMR spectroscopy. 1996 , 315 (Pt 3), 833-44	40
1836	Activation of different Stat5 isoforms contributes to cell-type-restricted signaling in response to interferons. 1996 , 16, 6937-44	150
1835	Platelet-derived growth factor induces phosphorylation of multiple JAK family kinases and STAT proteins. 1996 , 16, 1759-69	223
1834	Molecular characterization of an alpha interferon receptor 1 subunit (IFN α R1) domain required for TYK2 binding and signal transduction. 1996 , 16, 2074-82	79
1833	Analysis of the ERK-stimulated ETS transcription factor ER81. 1996 , 16, 1550-6	118

1832	A novel STAT-like factor mediates lipopolysaccharide, interleukin 1 (IL-1), and IL-6 signaling and recognizes a gamma interferon activation site-like element in the IL1B gene. 1996 , 16, 2183-94	77
1831	Function of Stat2 protein in transcriptional activation by alpha interferon. 1996 , 16, 288-93	152
1830	The murine DUB-1 gene is specifically induced by the betac subunit of interleukin-3 receptor. 1996 , 16, 4808-17	56
1829	Enhancement of antiproliferative activity of gamma interferon by the specific inhibition of tyrosine dephosphorylation of Stat1. 1996 , 16, 4932-41	133
1828	A unique transactivation sequence motif is found in the carboxyl-terminal domain of the single-strand-binding protein FBP. 1996 , 16, 2274-82	62
1827	Signaling by the cytokine receptor superfamily in normal and transformed hematopoietic cells. 1996 , 68, 23-65	62
1826	STAT3 activation is a critical step in gp130-mediated terminal differentiation and growth arrest of a myeloid cell line. 1996 , 93, 3963-6	308
1825	Signalling pathway of GH. 1996 , 43 Suppl, S65-70	38
1824	Immunoregulatory properties of ISG15, an interferon-induced cytokine. 1996 , 93, 211-5	276
1823	Cell fate determination in the vertebrate retina. 1996 , 93, 589-95	811
1822	Two contact regions between Stat1 and CBP/p300 in interferon gamma signaling. 1996 , 93, 15092-6	430
1821	Growth hormone receptor. 1996 , 1, 43-84	1
1820	Lessons from immunological, biochemical, and molecular pathways of the activation mediated by IL-2 and IL-4. 1996 , 63, 127-96	22
1819	Chapter 27. The Role of JAKs and STATs in Transcriptional Regulation by Cytokines. 1996 , 31, 269-278	9
1818	Transcriptionally active Stat1 is required for the antiproliferative effects of both interferon alpha and interferon gamma. 1996 , 93, 7673-8	426
1817	Early genes and auxin action. 1996 , 111, 9-17	636
1816	Inhibition of endothelin- and phorbol ester-stimulated tyrosine kinase activity by corticotrophin in the rat adrenal zona glomerulosa. 1996 , 313 (Pt 3), 867-72	9
1815	The role of Stat and C/EBP transcription factors in the synergistic activation of rat serine protease inhibitor-3 gene by interleukin-6 and dexamethasone. 1996 , 313 (Pt 3), 1019-27	46

1814	Requirement for phosphoinositide 3-OH kinase in growth hormone signalling to the mitogen-activated protein kinase and p70s6k pathways. 1996 , 315 (Pt 2), 517-22	64
1813	Expression of xanthine oxidoreductase in mouse mammary epithelium during pregnancy and lactation: regulation of gene expression by glucocorticoids and prolactin. 1996 , 319 (Pt 3), 801-10	44
1812	Interleukin-13 is a potent activator of JAK3 and STAT6 in cells expressing interleukin-2 receptor-gamma and interleukin-4 receptor-alpha. 1996 , 319 (Pt 3), 865-72	54
1811	Modulation of growth factor receptor function by isoform heterodimerization. 1996 , 93, 5947-52	56
1810	A mammalian 2-5A system functions as an antiviral pathway in transgenic plants. 1996 , 93, 6780-5	53
1809	Multiple tyrosine residues in the cytosolic domain of the erythropoietin receptor promote activation of STAT5. 1996 , 93, 8324-8	172
1808	Activation of Stat 5b in erythroid progenitors correlates with the ability of ErbB to induce sustained cell proliferation. 1996 , 93, 9600-5	31
1807	Phosphorylated interferon-alpha receptor 1 subunit (IFN α R1) acts as a docking site for the latent form of the 113 kDa STAT2 protein.. 1996 , 15, 1064-1074	138
1806	Effect of combined alpha IFN and prostaglandin A1 treatment on vesicular stomatitis virus replication and heat shock protein synthesis in epithelial cells. 1996 , 29, 187-98	11
1805	A type I ovine interferon with limited similarity to IFN-alpha, IFN-omega and IFN-tau: gene structure, biological properties and unusual species specificity. 1996 , 1294, 55-62	20
1804	SH2 domain protein interaction and possibilities for pharmacological intervention. 1996 , 8, 75-86	23
1803	Effects of transforming growth factor beta, tumor necrosis factor alpha and interferon gamma on pancreatic islet beta-cell responsiveness to transforming growth factor alpha. 1996 , 16, 415-23	4
1802	Curable and non-curable malignancies: lessons from paediatric cancer. 1996 , 13, 15-21	9
1801	Activation of raf-1, MEK, and MAP kinase in prolactin responsive mammary cells. 1996 , 40, 141-9	86
1800	Interferon signal transduction. 1996 , 8, 175-81	19
1799	Induction of interferons-induced genes. 1996 , 8, 183-7	5
1798	The mouse CD7 gene: identification of a new element common to the human CD7 and mouse Thy-1 promoters. 1996 , 44, 108-114	1
1797	The mouseCD7 gene: Identification of a new elementCD7 common to the humanCD7 and mouseThy-1 promoters. 1996 , 44, 108-114	5

1796	The RAG cell line defines a new complementation group of MHC class II deficiency. 1996 , 43, 352-9	7
1795	Involvement of an arachidonic-acid-dependent pathway in the interferon-beta-mediated expression of C202 gene in Ehrlich-ascites-tumor cells. 1996 , 235, 91-6	3
1794	Biosynthesis and N-glycosylation of human interferon-gamma. Asn25 and Asn97 differ markedly in how efficiently they are glycosylated and in their oligosaccharide composition. 1996 , 242, 191-200	25
1793	Interferon-modulated expression of genes encoding the nuclear-dot-associated proteins Sp100 and promyelocytic leukemia protein (PML). 1996 , 238, 554-60	98
1792	Different apoptotic pathways mediated by Fas and the tumor-necrosis-factor receptor. Cytosolic phospholipase A2 is not involved in Fas-mediated apoptosis. 1996 , 236, 533-8	42
1791	Characterization of a gastric tumor cell line defective in MHC class I inducibility by both alpha- and gamma-interferon. 1996 , 47, 391-8	40
1790	Placental interferons. 1996 , 35, 297-308	47
1789	Alcohol and cytokine-inducible transcription factors. 1996 , 20, 1639-45	50
1788	NF-kappa B, a prototypical cytokine-regulated transcription factor: implications for alcohol-mediated responses. 1996 , 20, 236A-242A	11
1787	Structure and function of vav. 1996 , 8, 545-53	48
1786	Cytokines: sources, receptors and signalling. 1996 , 10, 1-15	15
1785	The role of Src family kinases in the normal and neoplastic gastrointestinal tract. 1996 , 5, 201-10	8
1784	Intracellular signalling: putting JAKs on the kinase MAP. 1996 , 6, 668-71	80
1783	Three-part inventions: intracellular signaling and induced proximity. 1996 , 21, 418-22	128
1782	Prolactin and growth hormone receptors. 1996 , 45, 247-55	44
1781	Autocrine activation by interferon-gamma of STAT factors following T cell activation. 1996 , 26, 704-9	31
1780	Purification and crystallization of a complex between human interferon gamma receptor (extracellular domain) and human interferon gamma. 1996 , 26, 108-14	8
1779	Expression of tissue factor correlates with grade of malignancy in human glioma. 1996 , 77, 1877-83	137

1778	Growth-independent induction of spermidine transport by IL-4 and IL-13 in ZR-75-1 human breast cancer cells. 1996 , 67, 532-8	7
1777	STAT proteins are activated by ciliary neurotrophic factor in cells of central nervous system origin. 1996 , 43, 403-11	40
1776	Host genotype controls the ability of the ISGF3 complex to activate transcription of IFN-inducible genes. 1996 , 60, 83-94	8
1775	Tyrosine kinase but not phospholipid/Ca ²⁺ signaling pathway is involved in interferon- β stimulation of I-a expression in macrophages. 1996 , 60, 235-245	5
1774	In vivo induction of inducible nitric oxide synthase by microinjection with interferon-gamma and lipopolysaccharide in rat hippocampus. 1996 , 18, 233-43	44
1773	STATs and MAPKs: obligate or opportunistic partners in signaling. 1996 , 18, 95-8	70
1772	DNA elements responsive to auxin. 1996 , 18, 647-54	47
1771	Interleukin 6 in diseases: cause or cure?. 1996 , 31, 131-50	15
1770	Preventing abnormalities in signal transduction of T cells in cancer: the promise of cytokine gene therapy. 1996 , 17, 39-45	78
1769	Mitogen-activated protein kinase cascades and regulation of gene expression. 1996 , 8, 402-11	682
1768	The function of the soluble IL-6 receptor in vivo. 1996 , 54, 177-84	37
1767	Angiotensin II type 1 receptor induced signal-transduction pathways as new targets for pharmacological treatment of the renin-angiotensin system. 1996 , 91 Suppl 2, 91-6	3
1766	Regulation of expression of the complement factor H gene in a murine liver cell line by interferon-gamma. 1996 , 44, 215-22	12
1765	Genomic organization and promoter analysis of the gene ifngr2 encoding the second chain of the mouse interferon-gamma receptor. 1996 , 44, 599-606	14
1764	Inhibitory effect of clarithromycin on costimulatory molecule expression and cytokine production by synovial fibroblast-like cells. 1996 , 104, 501-8	71
1763	The Jak-STAT pathway: specific signal transduction from the cell membrane to the nucleus. 1996 , 26, 1-12	72
1762	Essential and non-redundant roles of p48 (ISGF3 gamma) and IRF-1 in both type I and type II interferon responses, as revealed by gene targeting studies. 1996 , 1, 115-24	196
1761	Regulation of IFN-alpha/beta genes: evidence for a dual function of the transcription factor complex ISGF3 in the production and action of IFN-alpha/beta. 1996 , 1, 995-1005	83

1760	Vertebrate non-receptor protein-tyrosine kinase families. 1996 , 1, 147-69	113
1759	Differentiation of T-helper lymphocytes: selective regulation by members of the STAT family of transcription factors. 1996 , 1, 507-15	11
1758	Dynamic production of tumour necrosis factor-alpha (TNF-alpha) messenger RNA, intracellular and extracellular TNF-alpha by murine macrophages and possible association with protein tyrosine phosphorylation of STAT1 alpha and ERK2 as an early signal. 1996 , 87, 544-50	18
1757	Differential expression of inducible NO synthase in two murine macrophage cell lines. 1996 , 89, 274-80	15
1756	Gene knockout mice as investigative tools in pathophysiology. 1996 , 77, 125-41	14
1755	Transcription factor regulation of epidermal keratinocyte gene expression. 1996 , 23, 59-70	90
1754	Interferon-beta inhibits proliferation and progression through S phase of the cell cycle in five glioma cell lines. 1996 , 30, 213-23	26
1753	Endothelin-1 induces tyrosine phosphorylation in human blood monocytes. 1996 , 159, 33-8	3
1752	Function and signal transduction mediated by the interleukin 3 receptor system in hematopoiesis. 1996 , 14, 605-18	67
1751	Cloning and functional analysis of erythropoietin-, interleukin-3- and thrombopoietin-inducible genes. 1996 , 14 Suppl 1, 82-7	2
1750	Signal transduction in eosinophils. 1996 , 26, 880-891	3
1749	The quaking gene product necessary in embryogenesis and myelination combines features of RNA binding and signal transduction proteins. 1996 , 12, 260-5	290
1748	Leptin activation of Stat3 in the hypothalamus of wild-type and ob/ob mice but not db/db mice. 1996 , 14, 95-7	903
1747	PDGF stimulates tyrosine phosphorylation of JAK 1 protein tyrosine kinase in human mesangial cells. 1996 , 49, 19-25	25
1746	Lack of IL-4-induced Th2 response and IgE class switching in mice with disrupted Stat6 gene. 1996 , 380, 630-3	1115
1745	Cooperation of the tumour suppressors IRF-1 and p53 in response to DNA damage. 1996 , 382, 816-8	301
1744	Cooperation of Stat2 and p300/CBP in signalling induced by interferon-alpha. 1996 , 383, 344-7	443
1743	Functional interactions between Stat5 and the glucocorticoid receptor. 1996 , 383, 726-8	593

1742	Regulation of epidermal expression of keratin K17 in inflammatory skin diseases. 1996 , 107, 569-75	58
1741	Induction of Stat3, a signal transducer and transcription factor, in reactive microglia following transient focal cerebral ischaemia. 1996 , 8, 2612-8	91
1740	Biology of interleukin-5 and its relevance to allergic disease. 1996 , 51, 71-81	70
1739	Tyrosyl phosphorylation and DNA binding activity of signal transducers and activators of transcription (STAT) proteins in hematopoietic cell lines transformed by Bcr/Abl. 1996 , 183, 811-20	424
1738	Interleukin-2 Receptor Signaling Mechanisms. 1996 , 147-199	47
1737	Functional expression of soluble human interleukin-11 (IL-11) receptor alpha and stoichiometry of in vitro IL-11 receptor complexes with gp130. 1996 , 271, 30986-91	47
1736	The interleukin 12 p40 gene promoter is primed by interferon gamma in monocytic cells. 1996 , 183, 147-57	561
1735	Swapping between Fas and granulocyte colony-stimulating factor receptor. 1996 , 271, 17555-60	17
1734	The function of the soluble interleukin 6 (IL-6) receptor in vivo: sensitization of human soluble IL-6 receptor transgenic mice towards IL-6 and prolongation of the plasma half-life of IL-6. 1996 , 183, 1399-406	230
1733	Effect of mutations at serines 1280-1283 on the mitogenic and transforming activities of the insulin-like growth factor I receptor. 1996 , 271, 12254-60	61
1732	Formation of STAT1-STAT2 heterodimers and their role in the activation of IRF-1 gene transcription by interferon-alpha. 1996 , 271, 5790-4	149
1731	Ubiquitin cross-reactive protein is released by the bovine uterus in response to interferon during early pregnancy. 1996 , 54, 600-6	105
1730	Regulation of cytokine-inducible nitric oxide synthase in cardiac myocytes and microvascular endothelial cells. Role of extracellular signal-regulated kinases 1 and 2 (ERK1/ERK2) and STAT1 alpha. 1996 , 271, 1111-7	136
1729	Expression of Janus kinase 3 in human endothelial and other non-lymphoid and non-myeloid cells. 1996 , 271, 13976-80	47
1728	Distinct tyrosine residues within the interleukin-2 receptor beta chain drive signal transduction specificity, redundancy, and diversity. 1996 , 271, 21381-90	67
1727	Association between receptor protein-tyrosine phosphatase RPTPalpha and the Grb2 adaptor. Dual Src homology (SH) 2/SH3 domain requirement and functional consequences. 1996 , 271, 28086-96	50
1726	Interferon-gamma-dependent nuclear import of Stat1 is mediated by the GTPase activity of Ran/TC4. 1996 , 271, 31017-20	90
1725	Reversible impairment in monocyte major histocompatibility complex class II expression in malnourished surgical patients. 1996 , 20, 344-8	11

1724	Differential activation of acute phase response factor/STAT3 and STAT1 via the cytoplasmic domain of the interleukin 6 signal transducer gp130. I. Definition of a novel phosphotyrosine motif mediating STAT1 activation. 1996 , 271, 12991-8	191
1723	Angiotensin II interferes with interleukin 6-induced Stat3 signaling by a pathway involving mitogen-activated protein kinase kinase 1. 1996 , 271, 22447-52	27
1722	Association of JAK2 and STAT5 with erythropoietin receptors. Role of receptor phosphorylation in erythropoietin signal transduction. 1996 , 271, 32430-7	56
1721	Prolactin-induced activation and binding of stat proteins to the IL-6RE of the alpha 2-macroglobulin (alpha 2M) promoter: relation to the expression of alpha 2M in the rat ovary. 1996 , 55, 1029-38	40
1720	Interleukin 4 or oncostatin M induces a prolonged increase in P-selectin mRNA and protein in human endothelial cells. 1996 , 184, 81-92	222
1719	Application of genomic DNA affinity chromatography identifies multiple interferon-alpha-regulated Stat2 complexes. 1996 , 271, 12408-13	53
1718	The immunosuppressive fungal metabolite gliotoxin specifically inhibits transcription factor NF-kappaB. 1996 , 183, 1829-40	301
1717	The human type I interferon receptor. Identification of the interferon beta-specific receptor-associated phosphoprotein. 1996 , 271, 33165-8	71
1716	Why do so many cancer patients fail to respond to interferon therapy?. 1996 , 16, 275-81	82
1715	Recombinant Interferons beta and gamma have a higher antiviral activity than interferon-alpha in coxsackievirus B3-infected carrier state cultures of human myocardial fibroblasts. 1996 , 16, 283-7	31
1714	Gamma interferon induced increases in intracellular cathepsin B activity in PMA primed THP-1 cells are blocked by inhibitors of protein kinase C. 1996 , 18, 375-96	5
1713	Dual oncostatin M (OSM) receptors. Cloning and characterization of an alternative signaling subunit conferring OSM-specific receptor activation. 1996 , 271, 32635-43	307
1712	Identification of the active gene coding for the metastasis-associated 37LRP/p40 multifunctional protein. 1996 , 15, 1009-23	36
1711	Characterization of the bovine kappa-casein gene promoter. 1996 , 60, 1937-40	5
1710	Expression of intracellular interferon constitutively activates ISGF3 and confers resistance to EMC viral infection. 1996 , 16, 507-10	12
1709	Cytokine expression and cell activation in inflammatory arthritis. 1996 , 63, 337-76	64
1708	Transcriptional up-regulation of interleukin 4 receptors by human immunodeficiency virus type 1 tat gene. 1996 , 12, 1349-59	20
1707	Participation of JAK and STAT proteins in growth hormone-induced signaling. 1996 , 271, 5947-52	89

1706	STAT3 participates in transcriptional activation of the C-reactive protein gene by interleukin-6. 1996 , 271, 9503-9	208
1705	Antimetabolite interactions with epidermal growth factor. 1996 , 15, 247-53	2
1704	An overview of the interferon system: signal transduction and mechanisms of action. 1996 , 14, 25-53	120
1703	Calcium signals and protein tyrosine kinases are required for the induction of c-jun in Jurkat cells stimulated by the T cell-receptor complex and oxidative signals. 1996 , 16, 77-90	12
1702	Disruption of cytokine signaling in lymphoid development: unique contributions of the common cytokine gamma chain and the Jak3 kinase. 1996 , 16, 677-84	10
1701	Expression, characterization, and genomic structure of carp JAK1 kinase gene. 1996 , 15, 827-44	27
1700	Characterization of beta-R1, a gene that is selectively induced by interferon beta (IFN-beta) compared with IFN-alpha. 1996 , 271, 22878-84	145
1699	Real-time kinetic measurements of the interactions between lactogenic hormones and prolactin-receptor extracellular domains from several species support the model of hormone-induced transient receptor dimerization. 1996 , 271, 24482-91	89
1698	Other kinases can substitute for Jak2 in signal transduction by interferon-gamma. 1996 , 271, 17174-82	76
1697	Direct association of STAT3 with the IFNAR-1 chain of the human type I interferon receptor. 1996 , 271, 8057-61	109
1696	Interferon-gamma induction of the human leukocyte antigen-E gene is mediated through binding of a complex containing STAT1alpha to a distinct interferon-gamma-responsive element. 1996 , 271, 20035-46	47
1695	Cloning of Human Stat5B. 1996 , 271, 10738-10744	160
1694	Cooperative role of interferon regulatory factor 1 and p91 (STAT1) response elements in interferon-gamma-inducible expression of human indoleamine 2,3-dioxygenase gene. 1996 , 271, 17247-52	131
1693	Modulation of interferon (IFN)-inducible gene expression by retinoic acid. Up-regulation of STAT1 protein in IFN-unresponsive cells. 1996 , 271, 10508-14	86
1692	Ovine interferon tau suppresses transcription of the estrogen receptor and oxytocin receptor genes in the ovine endometrium. 1996 , 137, 1144-7	141
1691	The locus-specific enhancer activity of the class I major histocompatibility complex interferon-responsive element is associated with a gamma-interferon (IFN)-inducible factor distinct from STAT1alpha, p48, and IFN regulatory factor-1. 1996 , 271, 29813-21	13
1690	Insulin stimulates the serine phosphorylation of the signal transducer and activator of transcription (STAT3) isoform. 1996 , 271, 12121-4	59
1689	Stat6 and Jak1 are common elements in platelet-derived growth factor and interleukin-4 signal transduction pathways in NIH 3T3 fibroblasts. 1996 , 271, 22175-82	57

1688	Stat3 recruitment by two distinct ligand-induced, tyrosine-phosphorylated docking sites in the interleukin-10 receptor intracellular domain. 1996 , 271, 27954-61	171
1687	The interferon (IFN)-stimulated gene Sp100 promoter contains an IFN-gamma activation site and an imperfect IFN-stimulated response element which mediate type I IFN inducibility. 1996 , 271, 25253-60	59
1686	Growth hormone activation of Stat 1, Stat 3, and Stat 5 in rat liver. Differential kinetics of hormone desensitization and growth hormone stimulation of both tyrosine phosphorylation and serine/threonine phosphorylation. 1996 , 271, 5929-40	179
1685	Insulin modulates STAT3 protein activation and gene transcription in hepatic cells. 1996 , 271, 24418-24	28
1684	Interleukin-4-induced STAT6 recognizes and activates a target site in the promoter of the interleukin-4 receptor gene. 1996 , 271, 25555-61	88
1683	The type I interferon receptor mediates tyrosine phosphorylation of insulin receptor substrate 2. 1996 , 271, 278-82	99
1682	Dominant negative stat3 mutant inhibits interleukin-6-induced Jak-STAT signal transduction. 1996 , 271, 5961-4	190
1681	Role of interferon regulatory factor-1 in the induction of biliary glycoprotein (cell CAM-1) by interferon-gamma. 1996 , 271, 28181-8	43
1680	tau-Interferon: pregnancy recognition signal in ruminants. 1996 , 213, 215-29	70
1679	1,25-dihydroxyvitamin D3 increases the sensitivity of human renal carcinoma cells to tumor necrosis factor alpha but not to interferon alpha or lymphokine-activated killer cells. 1996 , 149, 327-33	23
1678	The growth hormone-dependent decrease in hepatic fatty acid synthase mRNA is the result of a decrease in gene transcription. 1996 , 16, 151-8	31
1677	A novel, mitogen-activated nuclear kinase is related to a Drosophila developmental regulator. 1996 , 10, 261-71	104
1676	Differential activation of acute phase response factor/Stat3 and Stat1 via the cytoplasmic domain of the interleukin 6 signal transducer gp130. II. Src homology SH2 domains define the specificity of stat factor activation. 1996 , 271, 12999-3007	189
1675	Autocrine amplification of type I interferon gene expression mediated by interferon stimulated gene factor 3 (ISGF3). 1996 , 120, 160-9	113
1674	In vivo footprinting of the mouse inducible nitric oxide synthase gene: inducible protein occupation of numerous sites including Oct and NF-IL6. 1996 , 24, 1682-7	83
1673	Additive inhibitory effects of retinoids and interferon-alpha on the growth of human cervical carcinoma cells. 1996 , 8, 5	
1672	Regulation of signal transducer and activator of transcription (STAT) 5b activation by the temporal pattern of growth hormone stimulation. 1997 , 11, 400-14	110
1671	Adenovirus E1A gene dysregulates ICAM-1 expression in transformed pulmonary epithelial cells. 1997 , 16, 23-30	49

1670	Impact of knockout mice in toxicology. 1997 , 27, 135-54	19
1669	Signal transducer and activator of transcription-3 serine phosphorylation by insulin is mediated by a Ras/Raf/MEK-dependent pathway. 1997 , 138, 4131-7	59
1668	Estradiol-binding mechanism and binding capacity of the human estrogen receptor is regulated by tyrosine phosphorylation. 1997 , 11, 48-53	79
1667	The leptin receptor activates janus kinase 2 and signals for proliferation in a factor-dependent cell line. 1997 , 11, 393-9	269
1666	Differential Display Methods and Protocols. 1997 ,	13
1665	Prolactin regulation of islet-derived INS-1 cells: characteristics and immunocytochemical analysis of STAT5 translocation. 1997 , 138, 1592-603	47
1664	Alternative signaling mechanism of leukemia inhibitory factor responsiveness in a differentiating embryonal carcinoma cell. 1997 , 138, 2689-96	11
1663	Transcriptional regulation of Sertoli cell immediate early genes by interleukin-6 and interferon-gamma is mediated through phosphorylation of STAT-3 and STAT-1 proteins. 1997 , 138, 2740-6	37
1662	Isolation of cytokine-inducible genes from hematopoietic cells by differential display. 1997 , 85, 153-61	
1661	Dominant negative and cooperative effects of mutant forms of prolactin receptor. 1997 , 11, 1020-32	88
1660	The p69/71 2-5A synthetase promoter contains multiple regulatory elements required for interferon-alpha-induced expression. 1997 , 16, 1385-94	24
1659	Interferon-beta. 1997 , 433-520	1
1658	Molecular approaches to receptors as targets for drug discovery. 1997 , 17, 671-776	24
1657	Transcriptional activation of the intercellular adhesion molecule 1 (CD54) gene by human T lymphotropic virus types I and II Tax is mediated through a palindromic response element. 1997 , 13, 1429-37	14
1656	Drug discovery using receptors that modulate gene expression. 1997 , 17, 531-43	8
1655	The thrombopoietin receptor can mediate proliferation without activation of the Jak-STAT pathway. 1997 , 186, 1947-55	51
1654	Positive effects of SH2 domain-containing tyrosine phosphatase SHP-1 on epidermal growth factor- and interferon-gamma-stimulated activation of STAT transcription factors in HeLa cells. 1997 , 272, 23376-81	58
1653	HMG-I(Y) phosphorylation status as a nuclear target regulated through insulin receptor substrate-1 and the I4R motif of the interleukin-4 receptor. 1997 , 272, 25083-90	23

1652	Leukemia inhibitory factor-dependent transcriptional activation in embryonic stem cells. 1997 , 138, 1207-17	181
1651	Constitutive activation of JAK1 in Src-transformed cells. 1997 , 272, 2591-4	78
1650	Synergy between interferon-gamma and tumor necrosis factor-alpha in transcriptional activation is mediated by cooperation between signal transducer and activator of transcription 1 and nuclear factor kappaB. 1997 , 272, 14899-907	332
1649	Synergism between multiple virus-induced factor-binding elements involved in the differential expression of interferon A genes. 1997 , 272, 22154-62	34
1648	A distinct function of STAT proteins in erythropoietin signal transduction. 1997 , 272, 16507-13	56
1647	Dependence on the motif YIPP for the physical association of Jak2 kinase with the intracellular carboxyl tail of the angiotensin II AT1 receptor. 1997 , 272, 23382-8	176
1646	Phosphorylation events modulate the ability of interferon consensus sequence binding protein to interact with interferon regulatory factors and to bind DNA. 1997 , 272, 9785-92	143
1645	Acute phase proteins and transformed cells. 1997 , 170, 225-300	40
1644	A single STAT recruitment module in a chimeric cytokine receptor complex is sufficient for STAT activation. 1997 , 272, 5269-74	34
1643	Jun in Drosophila development: redundant and nonredundant functions and regulation by two MAPK signal transduction pathways. 1997 , 11, 1748-58	118
1642	Signal transducer and activator of transcription-3 (STAT3) is constitutively activated in normal, self-renewing B-1 cells but only inducibly expressed in conventional B lymphocytes. 1997 , 185, 1035-42	129
1641	Bar Mitzvah for B-1 cells: how will they grow up?. 1997 , 185, 981-4	36
1640	Interleukin-4 suppression of tumor necrosis factor alpha-stimulated E-selectin gene transcription is mediated by STAT6 antagonism of NF-kappaB. 1997 , 272, 10212-9	120
1639	The alpha chemokine, interleukin 8, inhibits the antiviral action of interferon alpha. 1997 , 186, 1077-85	109
1638	A 32-kDa proteolytic fragment of transcription factor Stat3 is capable of specific DNA binding. 1997 , 272, 22118-24	1
1637	Role of Janus kinase/signal transducer and activator of transcription and mitogen-activated protein kinase cascades in angiotensin II- and platelet-derived growth factor-induced vascular smooth muscle cell proliferation. 1997 , 272, 24684-90	190
1636	Cell-type expression, immunolocalization, and deoxyribonucleic acid-binding activity of basic transcription element binding transcription factor, an Sp-related family member, in porcine endometrium of pregnancy. 1997 , 57, 707-14	18
1635	Convergence of TNFalpha and IFNgamma signalling pathways through synergistic induction of IRF-1/ISGF-2 is mediated by a composite GAS/kappaB promoter element. 1997 , 25, 4346-54	156

1634	Cytokine research: the interferon paradigm. 1997 , 50, 635-9	15
1633	Participation of JAK, STAT and unknown proteins in human placental lactogen-induced signaling: a unique signaling pathway different from prolactin and growth hormone. 1997 , 153, R1-3	10
1632	GAS elements: a few nucleotides with a major impact on cytokine-induced gene expression. 1997 , 17, 121-34	318
1631	Wiskott-Aldrich syndrome protein is associated with the adapter protein Grb2 and the epidermal growth factor receptor in living cells. 1997 , 8, 1709-21	105
1630	The amino acid residues immediately carboxyl-terminal to the tyrosine phosphorylation site contribute to interleukin 6-specific activation of signal transducer and activator of transcription 3. 1997 , 272, 9550-5	10
1629	Modulation of E2F activity is linked to interferon-induced growth suppression of hematopoietic cells. 1997 , 272, 12406-14	34
1628	Molecular characterization of specific interactions between SHP-2 phosphatase and JAK tyrosine kinases. 1997 , 272, 1032-7	99
1627	Interaction of growth hormone-activated STATs with SH2-containing phosphotyrosine phosphatase SHP-1 and nuclear JAK2 tyrosine kinase. 1997 , 272, 17694-702	164
1626	Tyrosine docking sites of the rat prolactin receptor required for association and activation of stat5. 1997 , 272, 25043-50	62
1625	Interferon-resistant human melanoma cells are deficient in ISGF3 components, STAT1, STAT2, and p48-ISGF3gamma. 1997 , 272, 28779-85	202
1624	Chimeric erythropoietin-interferon gamma receptors reveal differences in functional architecture of intracellular domains for signal transduction. 1997 , 272, 4993-9	20
1623	The cytoplasmic domain of granulocyte-macrophage colony-stimulating factor (GM-CSF) receptor alpha subunit is essential for both GM-CSF-mediated growth and differentiation. 1997 , 272, 17450-9	64
1622	Involvement of STAT3 in the granulocyte colony-stimulating factor-induced differentiation of myeloid cells. 1997 , 272, 25184-9	151
1621	Opposite regulation of Gax homeobox expression by angiotensin II and C-type natriuretic peptide. 1997 , 29, 381-7	32
1620	Mutation in the Jak kinase JH2 domain hyperactivates Drosophila and mammalian Jak-Stat pathways. 1997 , 17, 1562-71	216
1619	New and atypical families of type I interferons in mammals: comparative functions, structures, and evolutionary relationships. 1997 , 56, 287-325	70
1618	Activated Stat related transcription factors in acute leukemia. 1997 , 28, 83-8	50
1617	Molecular mechanisms of retinoid action in acute promyelocytic leukemia (Review). 1997 , 11, 397-414	

1616	Regulation of interleukin 3 expression in normal and autocrine transformed hematopoietic cells (Review). 1997 , 10, 989-1001	
1615	Signal transduction revisited: recent developments in angiotensin II signaling in the cardiovascular system. 1997 , 36, 310-22	30
1614	The molecular basis of IFN α action. 1997 , 521-556	1
1613	STAT3 serine phosphorylation by ERK-dependent and -independent pathways negatively modulates its tyrosine phosphorylation. 1997 , 17, 6508-16	548
1612	JAK2 and STAT5, but not JAK1 and STAT1, are required for prolactin-induced beta-lactoglobulin transcription. 1997 , 11, 1180-8	37
1611	Activation of the STAT signaling pathway can cause expression of caspase 1 and apoptosis. 1997 , 17, 5328-37	431
1610	STAT3 is a serine kinase target in T lymphocytes. Interleukin 2 and T cell antigen receptor signals converge upon serine 727. 1997 , 272, 24542-9	116
1609	Interferon gamma-dependent induction of human intercellular adhesion molecule-1 gene expression involves activation of a distinct STAT protein complex. 1997 , 272, 1283-90	47
1608	Identification and localization of a skeletal muscle serotonin 5-HT _{2A} receptor coupled to the Jak/STAT pathway. 1997 , 272, 14825-9	117
1607	Transcriptional inhibition by Stat5. Differential activities at growth-related versus differentiation-specific promoters. 1997 , 272, 26841-9	66
1606	Cytokine receptor-independent, constitutively active variants of STAT5. 1997 , 272, 30237-43	33
1605	A Kaposi's sarcoma-associated herpesvirus-encoded cytokine homolog (vIL-6) activates signaling through the shared gp130 receptor subunit. 1997 , 272, 19625-31	227
1604	Hrs is associated with STAM, a signal-transducing adaptor molecule. Its suppressive effect on cytokine-induced cell growth. 1997 , 272, 32785-91	158
1603	Growth hormone-induced signal transduction depends on an intact ubiquitin system. 1997 , 272, 40-3	54
1602	Distinct STAT structure promotes interaction of STAT2 with the p48 subunit of the interferon-alpha-stimulated transcription factor ISGF3. 1997 , 272, 20070-6	109
1601	Proteasome- and p53-dependent masking of signal transducer and activator of transcription (STAT) factors. 1997 , 272, 4659-62	33
1600	Expression of the 90K immunostimulator gene is controlled by a promoter with unique features. 1997 , 272, 3674-82	11
1599	A sweat gland-derived differentiation activity acts through known cytokine signaling pathways. 1997 , 272, 30421-8	54

1598	Integration of Jak-Stat and AP-1 signaling pathways at the vasoactive intestinal peptide cytokine response element regulates ciliary neurotrophic factor-dependent transcription. 1997 , 272, 9648-54	51
1597	Involvement of proteasomes in regulating Jak-STAT pathways upon interleukin-2 stimulation. 1997 , 272, 14017-20	96
1596	Interaction of STAT5 dimers on two low affinity binding sites mediates interleukin 2 (IL-2) stimulation of IL-2 receptor alpha gene transcription. 1997 , 272, 31821-8	66
1595	The mitogen-activated protein kinase and JAK-STAT signaling pathways are required for an oncostatin M-responsive element-mediated activation of matrix metalloproteinase 1 gene expression. 1997 , 272, 1188-96	131
1594	The type I interferon receptor mediates tyrosine phosphorylation of the CrkL adaptor protein. 1997 , 272, 29991-4	78
1593	Inhibition of inducible nitric oxide synthase expression by interferons alpha and beta in bovine retinal pigmented epithelial cells. 1997 , 272, 32169-75	14
1592	Cloning of chicken interferon regulatory factor-2 (IRF-2) cDNA: expression and mapping of the IRF-2 gene. 1997 , 17, 219-27	8
1591	Specific binding of the ETS-domain protein to the interferon-stimulated response element. 1997 , 17, 1-10	11
1590	Oocyte influences on early development: the regulatory proteins leptin and STAT3 are polarized in mouse and human oocytes and differentially distributed within the cells of the preimplantation stage embryo. 1997 , 3, 1067-86	246
1589	Control of apoptosis by cytokines. 1997 , 41, 219-46	14
1588	The antiproliferative and antiviral activities of IFN-tau variants in human cells. 1997 , 17, 769-79	29
1587	Antidepressants. 1997 ,	1
1586	Janus kinase-dependent activation of insulin receptor substrate 1 in response to interleukin-4, oncostatin M, and the interferons. 1997 , 272, 24183-90	102
1585	Chemotherapeutic purine analogs alter the level of interferon-beta mRNA induced by poly I-poly C in cultured osteosarcoma cells. 1997 , 17, 245-54	
1584	Isolation and characterization of the human gp130 promoter. Regulation by STATS. 1997 , 272, 15003-10	50
1583	Differing regulation of major histocompatibility class II and adhesion molecules on human umbilical vein endothelial cells by serotonin. 1997 , 112, 145-51	6
1582	Mig and IP-10: CXC chemokines that target lymphocytes. 1997 , 61, 246-257	580
1581	The interferon-inducible murine p48 (ISGF3gamma) gene is regulated by protooncogene c-myc. 1997 , 94, 7227-32	38

1580	Receptor-associated constitutive protein tyrosine phosphatase activity controls the kinase function of JAK1. 1997 , 94, 8563-8	61
1579	A calcium responsive element that regulates expression of two calcium binding proteins in Purkinje cells. 1997 , 94, 8842-7	69
1578	The amino-terminal region of Tyk2 sustains the level of interferon alpha receptor 1, a component of the interferon alpha/beta receptor. 1997 , 94, 11839-44	107
1577	DAP-5, a novel homolog of eukaryotic translation initiation factor 4G isolated as a putative modulator of gamma interferon-induced programmed cell death. 1997 , 17, 1615-25	117
1576	Synergistic activation of NF-kappaB by tumor necrosis factor alpha and gamma interferon via enhanced I kappaB alpha degradation and de novo I kappaBbeta degradation. 1997 , 17, 6746-54	158
1575	IRF-7, a new interferon regulatory factor associated with Epstein-Barr virus latency. 1997 , 17, 5748-57	220
1574	Enhancement of ovine trophoblast interferon by granulocyte macrophage-colony stimulating factor: possible involvement of protein kinase C. 1997 , 19, 121-30	29
1573	Functional subdomains of STAT2 required for preassociation with the alpha interferon receptor and for signaling. 1997 , 17, 2048-56	167
1572	Activation of Jak2 catalytic activity requires phosphorylation of Y1007 in the kinase activation loop. 1997 , 17, 2497-501	280
1571	Abrogation of interleukin-3 dependence of myeloid cells by the v-src oncogene requires SH2 and SH3 domains which specify activation of STATs. 1997 , 17, 3295-304	103
1570	JAK2 is required for induction of the murine DUB-1 gene. 1997 , 17, 3364-72	46
1569	Short-chain carboxylic-acid-stimulated, PMN-mediated gingival inflammation. 1997 , 8, 269-90	97
1568	The signal transducer gp130 is shared by interleukin-6 family of haematopoietic and neurotrophic cytokines. 1997 , 29, 63-72	64
1567	Cytokines. 1997 , 2, 557-612	2
1566	Interleukin-5. 1997 , 2, 143-200	10
1565	Mechanisms of Transmembrane Signaling. 1997 , 689-742	
1564	Proliferation of adult T cell leukemia/lymphoma cells is associated with the constitutive activation of JAK/STAT proteins. 1997 , 94, 13897-902	243
1563	The type I interferon receptor complex. 1997 , 403-431	

1562 Interleukin-1 receptors. **1997**, 6, 147-175

1561 The interleukin-2 receptor. **1997**, 2, 355-402

1560 Leukemia inhibitory factor and its receptor. **1997**, 613-668

3

1559 IL6, IL11, LIF, OSM, cardiotrophin-1, and CNTF: An example of a cytokine family sharing signal transducing receptor components. **1997**, 2, 777-809

1

1558 Stimulation of kinase cascades by growth hormone: a paradigm for cytokine signaling. **1997**, 57, 73-94

3

1557 Human IgG Fc receptors. **1997**, 16, 29-55

53

1556 From monotherapy to multiple drug therapy through long-term pharmacology. **1997**, 189-203

1555 Interleukin-5. **1997**, 8, 33-45

1554 A role for the cyclin-dependent kinase inhibitor p21 in the G1 cell cycle arrest mediated by the type I interferons. **1997**, 17, 11-5

30

1553 An interferon-gamma-activated site (GAS) is necessary for full expression of the mouse iNOS gene in response to interferon-gamma and lipopolysaccharide. **1997**, 272, 1226-30

248

1552 Stat5a is mandatory for adult mammary gland development and lactogenesis. **1997**, 11, 179-86

829

1551 Granulocyte-macrophage colony-stimulating factor and IL-5 activate mitogen-activated protein kinase through Jak2 kinase and phosphatidylinositol 3-kinase in human eosinophils. **1997**, 100, S45-51

22

1550 Interaction of a novel fluorescent analog of interferon-gamma with transformed cells. **1997**, 8, 459-65

2

1549 Gp130 and the interleukin-6 family of cytokines. **1997**, 15, 797-819

1272

1548 Genomic structure and promoter region of the murine Janus-family tyrosine kinase, Jak3. **1997**, 16, 85-94

11

1547 Interferon-beta induces S phase accumulation selectively in human transformed cells. **1997**, 17, 355-67

47

1546 Defective TNF-alpha-induced apoptosis in STAT1-null cells due to low constitutive levels of caspases. *Science*, **1997**, 278, 1630-2

33:3 446

1545 A molecular and cellular theory of depression. **1997**, 54, 597-606

1647

1544	Regulation of cytochromes P450 during inflammation and infection. 1997 , 29, 1129-88	409
1543	The erythropoietin-sensitive membrane phosphoprotein, pp43, is a protein serine/threonine kinase. 1997 , 342, 344-50	
1542	Binding sequence of STAT4: STAT4 complex recognizes the IFN-gamma activation site (GAS)-like sequence (T/A)TTCC(C/G)GGAA(T/A). 1997 , 233, 126-32	24
1541	Regulation by cAMP of STAT1 activation in hepatic stellate cells. 1997 , 233, 464-9	30
1540	Interaction of p59fyn with interferon-activated Jak kinases. 1997 , 235, 83-8	44
1539	Novel pathway of insulin signaling involving Stat1alpha in Hep3B cells. 1997 , 235, 317-20	8
1538	Members of the family of IL-6-type cytokines activate Stat5a in various cell types. 1997 , 236, 438-43	13
1537	Cloning and functional analysis of new members of STAT induced STAT inhibitor (SSI) family: SSI-2 and SSI-3. 1997 , 237, 79-83	155
1536	IFN-gamma upregulates anti-apoptotic gene expression and inhibits apoptosis in IL-3-dependent hematopoietic cells. 1997 , 239, 401-6	15
1535	Cloning and characterization of novel CIS family genes. 1997 , 239, 439-46	229
1534	c-Src activates both STAT1 and STAT3 in PDGF-stimulated NIH3T3 cells. 1997 , 239, 493-7	55
1533	Lysophosphatidic acid inhibits epidermal-growth-factor-induced Stat1 signaling in human epidermoid carcinoma A431 cells. 1997 , 240, 856-61	13
1532	A novel interferon-inducible gene expressed during myeloid differentiation. 1997 , 23, 337-49	21
1531	Susceptibility to virus infection is determined by a Stat-mediated response to the autocrine effect of virus-induced type I interferon. 1997 , 9, 383-93	15
1530	Induction of differentiation by IL-6-type cytokines is impaired in myeloid leukaemia cells unable to activate Stat5a. 1997 , 9, 639-49	7
1529	Protein kinase C is required for induction of 2',5'-oligoadenylate synthetases. 1997 , 234, 240-8	13
1528	Inflammatory cytokines interact to modulate extracellular matrix and astrocytic support of neurite outgrowth. 1997 , 148, 628-39	51
1527	Structure and expression of the murine Sp100 nuclear dot gene. 1997 , 43, 298-306	11

1526	DNA sequence, chromosomal localization, and tissue expression of the mouse proteasome subunit lmp10 (Psm10) gene. 1997 , 45, 618-22	17
1525	Jak3 is associated with CD40 and is critical for CD40 induction of gene expression in B cells. 1997 , 6, 379-87	176
1524	Site alpha is crucial for two routes of IFN gamma-induced MHC class I transactivation: the ISRE-mediated route and a novel pathway involving CIITA. 1997 , 6, 601-11	184
1523	Jaks, STATs, cytokine signal transduction, and immunoregulation: are we there yet?. 1997 , 7, 1-11	354
1522	The state of the STATs: recent developments in the study of signal transduction to the nucleus. 1997 , 9, 233-9	173
1521	AP-1 function and regulation. 1997 , 9, 240-6	2242
1520	Interferon-gamma regulates collagen and fibronectin gene expression by transcriptional and post-transcriptional mechanisms. 1997 , 29, 251-60	48
1519	IL-6-regulated transcription factors. 1997 , 29, 1401-18	192
1518	Immunostimulatory cytokines in somatic cells and gene therapy of cancer. 1997 , 8, 119-28	26
1517	The interferon gamma (IFN-gamma) receptor: a paradigm for the multichain cytokine receptor. 1997 , 8, 189-206	134
1516	The immunobiology of interferon-gamma inducible protein 10 kD (IP-10): a novel, pleiotropic member of the C-X-C chemokine superfamily. 1997 , 8, 207-19	274
1515	The growing family of interferon regulatory factors. 1997 , 8, 293-312	404
1514	Signaling mechanisms through gp130: a model of the cytokine system. 1997 , 8, 241-52	324
1513	SH2 signaling in a lower eukaryote: a STAT protein that regulates stalk cell differentiation in dictyostelium. 1997 , 89, 909-16	195
1512	Growth-hormone signal transduction. 1997 , 131, S42-4	35
1511	The vav proto-oncogene product (p95vav) interacts with the Tyk-2 protein tyrosine kinase. 1997 , 403, 31-4	28
1510	Interleukin-6. 1997 , 2, 201-256	
1509	The gene for the ligand binding chain of the human interferon gamma receptor. 1997 , 45, 413-21	21

1508	The IFN gamma receptor: a paradigm for cytokine receptor signaling. 1997 , 15, 563-91	856
1507	STATs and gene regulation. <i>Science</i> , 1997 , 277, 1630-5	333 3327
1506	Chicken-embryo fibroblasts produce two types of interferon upon stimulation with Newcastle disease virus. 1997 , 57, 289-303	15
1505	Differential regulation of cytokine-induced major histocompatibility complex class II expression and nitric oxide release in rat microglia and astrocytes by effectors of tyrosine kinase, protein kinase C, and cAMP. 1997 , 74, 19-29	43
1504	Interferon-gamma induced increases in intracellular cathepsin B activity in THP-1 cells are dependent on RNA transcription. 1997 , 74, 77-84	9
1503	Induction of IP-10 chemokine promoter by measles virus: comparison with interferon-gamma shows the use of the same response element but with differential DNA-protein binding profiles. 1997 , 77, 116-27	54
1502	Localization of molecules involved in cytokine receptor signaling in the rat trigeminal ganglion. 1997 , 44, 163-6	5
1501	Jaks, Stats and the immune system. 1997 , 198, 99-111	23
1500	Nuclear dots: actors on many stages. 1997 , 198, 307-31	129
1499	The neurotrophic action and signalling of epidermal growth factor. 1997 , 51, 19-37	167
1498	Interleukin-6 (IL-6)--a molecule with both beneficial and destructive potentials. 1997 , 52, 379-90	410
1497	Induction of Sp1 activity by prolactin and interleukin-2 in Nb2 T-cells: differential association of Sp1-DNA complexes with Stats. 1997 , 129, 7-16	18
1496	A physiological role of interferon (IFN)-beta derived from tumor: tumor growth of a mouse bladder carcinoma line MBT-2 is partially suppressed by autocrine IFN-beta. 1997 , 113, 159-64	4
1495	Interferon-gamma and retinoic acid down-regulate N-myc in neuroblastoma through complementary mechanisms of action. 1997 , 121, 181-8	22
1494	Biological activity of interleukin-10 in the central nervous system. 1997 , 30, 433-9	25
1493	Alteration of transcription factors NF-kappaB and STAT1 in Alzheimer's disease brains. 1997 , 237, 17-20	90
1492	Genomic cloning and structural analysis of the murine polymeric receptor (pIgR) gene and promoter region. 1997 , 201, 189-97	20
1491	An interferon regulatory factor-related gene (xIRF-6) is expressed in the posterior mesoderm during the early development of <i>Xenopus laevis</i> . 1997 , 203, 183-8	23

1490	Cloning of a gene (RIG-G) associated with retinoic acid-induced differentiation of acute promyelocytic leukemia cells and representing a new member of a family of interferon-stimulated genes. 1997 , 94, 7406-11	70
1489	Interferon consensus sequence binding protein-deficient mice display impaired resistance to intracellular infection due to a primary defect in interleukin 12 p40 induction. 1997 , 186, 1523-34	181
1488	Interferon (IFN) consensus sequence-binding protein, a transcription factor of the IFN regulatory factor family, regulates immune responses in vivo through control of interleukin 12 expression. 1997 , 186, 1535-46	136
1487	Interferon alfa-2a tretinoin in patients with metastatic renal cell carcinoma: a pilot study. 1997 , 54, 190-2	5
1486	Cytomegalovirus Persistence: Escape from Cell-Mediated Immunosurveillance. 1997 , 21, 1-11	1
1485	Down-regulation of interferon gamma-activated STAT1 by UV light. 1997 , 94, 11490-5	66
1484	Interferon gamma-induced transcription of the murine ISGF3gamma (p48) gene is mediated by novel factors. 1997 , 94, 103-8	56
1483	Impairment of antigen-specific antibody production in transgenic mice expressing a dominant-negative form of gp130. 1997 , 94, 2478-82	32
1482	Enhanced expression in spleen macrophages of the mouse homolog to the human putative tumor suppressor gene ZFM1. 1997 , 16, 761-7	12
1481	Protein synthesis-dependent potentiation by thyroxine of antiviral activity of interferon-gamma. 1997 , 273, C1225-32	36
1480	A mutant cell line partially responsive to both IFN-alpha and IFN-gamma. 1997 , 30, 41-50	8
1479	In vivo expression of an interferon-alpha gene by intramuscular injection of naked DNA. 1997 , 17, 255-61	21
1478	Differential activation of the Stat signaling pathway in the liver after burn injury. 1997 , 273, G1153-9	4
1477	Regulation of IL-12 receptor expression in early T-helper responses implies two phases of Th1 differentiation: capacitance and development. 1997 , 68, 54-69	17
1476	Early events controlling T-helper cell differentiation: the role of the IL-12 receptor. 1997 , 68, 38-53	11
1475	Interferon- γ Interrupts Interleukin-6-Dependent Signaling Events in Myeloma Cells. 1997 , 89, 261-271	36
1474	Enhancement of Macrophage Colony-Stimulating Factor-Induced Growth and Differentiation of Human Monocytes by Interleukin-10. 1997 , 89, 315-321	76
1473	Arachidonic Acid Mediates Interferon- γ -Induced Sphingomyelin Hydrolysis and Monocytic Marker Expression in HL-60 Cell Line. 1997 , 89, 81-91	41

1472	Ectopic Expression of the Erythropoietin Receptor in a Murine Interleukin-6-Dependent Plasmacytoma Cell Line (TEPC-2027) Confers Proliferative Responsiveness to Erythropoietin. 1997 , 89, 435-445	5
1471	Thrombopoietin Signal Transduction in Purified Murine Megakaryocytes. 1997 , 89, 483-492	173
1470	Stat1 Is Induced and Activated by All-Trans Retinoic Acid in Acute Promyelocytic Leukemia Cells. 1997 , 89, 1001-1012	104
1469	CIS, a Cytokine Inducible SH2 Protein, Is a Target of the JAK-STAT5 Pathway and Modulates STAT5 Activation. 1997 , 89, 3148-3154	424
1468	Inhibition of Interferon Regulatory Factor-1 Expression Results in Predominance of Cell Growth Stimulatory Effects of Interferon- γ Due to Phosphorylation of Stat1 and Stat3. 1997 , 90, 4749-4758	77
1467	Transcription Factors, Normal Myeloid Development, and Leukemia. 1997 , 90, 489-519	664
1466	Inactivation of the Fanconi Anemia Group C Gene Augments Interferon- γ -Induced Apoptotic Responses in Hematopoietic Cells. 1997 , 90, 974-985	152
1465	STAT5A-Deficient Mice Demonstrate a Defect in Granulocyte-Macrophage Colony-Stimulating Factor-Induced Proliferation and Gene Expression. 1997 , 90, 1768-1776	156
1464	Dexamethasone inhibits lung epithelial cell apoptosis induced by IFN- γ and Fas. 1997 , 273, L921-9	69
1463	The amino terminus of JAK3 is necessary and sufficient for binding to the common gamma chain and confers the ability to transmit interleukin 2-mediated signals. 1997 , 94, 6910-5	127
1462	Nuclear integration of JAK/STAT and Ras/AP-1 signaling by CBP and p300. 1997 , 94, 1074-9	387
1461	Calcium controls gene expression via three distinct pathways that can function independently of the Ras/mitogen-activated protein kinases (ERKs) signaling cascade. 1997 , 17, 6189-202	141
1460	Inhibition of interleukin-5 with a monoclonal antibody attenuates allergic inflammation. 1997 , 52, 787-94	30
1459	Activation of gp130 by IL-6/soluble IL-6 receptor induces neuronal differentiation. 1997 , 9, 2765-73	74
1458	Involvement of Stat3 in interleukin-6-induced IgM production in a human B-cell line. 1997 , 90, 350-7	17
1457	Angiotensin-II Biochemistry and Physiology: Update on Angiotensin-II Receptor Blockers. 1997 , 15, 75-100	15
1456	Obesity genes and insulin resistance syndrome. 1997 , 827, 35-49	1
1455	Interferon tau: a novel pregnancy recognition signal. 1997 , 37, 412-20	183

1454	Characterization of serum adhesive proteins that block tumor necrosis factor-mediated cell death. 1997 , 4, 779-86	12
1453	Suppression of human ribosomal protein L23A expression during cell growth inhibition by interferon-beta. 1997 , 14, 473-80	32
1452	An alternative pathway for STAT activation that is mediated by the direct interaction between JAK and STAT. 1997 , 14, 751-61	137
1451	Relationship of p215BRCA1 to tyrosine kinase signaling pathways and the cell cycle in normal and transformed cells. 1997 , 14, 2863-9	24
1450	Cells transformed by ODC, c-Ha-ras and v-src exhibit MAP kinase/Erk-independent constitutive phosphorylation of Sos, Raf and c-Jun activation domain, and reduced PDGF receptor expression. 1997 , 15, 1953-66	25
1449	Retinoic acid enhances the expression of interferon-induced proteins: evidence for multiple mechanisms of action. 1997 , 15, 2349-59	85
1448	ErbB kinases and NDF signaling in human prostate cancer cells. 1997 , 15, 2705-16	131
1447	Clinical investigators: the driving force behind drug discovery. 1997 , 15, 598-9	5
1446	Activation of Stat1 by mutant fibroblast growth-factor receptor in thanatophoric dysplasia type II dwarfism. 1997 , 386, 288-92	294
1445	A family of cytokine-inducible inhibitors of signalling. 1997 , 387, 917-21	1784
1444	A new protein containing an SH2 domain that inhibits JAK kinases. 1997 , 387, 921-4	1209
1443	Structure and function of a new STAT-induced STAT inhibitor. 1997 , 387, 924-9	1122
1442	IFN-gamma inducibility of class II transactivator is specifically lacking in human tumour lines: relevance to retinoblastoma protein rescue of IFN-gamma inducibility of the HLA class II genes. 1997 , 75, 325-32	21
1441	IRF-1: the transcription factor linking the interferon response and oncogenesis. 1997 , 1333, M9-17	57
1440	Dictyostelium development: lower STATs. 1997 , 7, R723-5	13
1439	Janus kinases in interleukin-2-mediated signaling: JAK1 and JAK3 are differentially regulated by tyrosine phosphorylation. 1997 , 7, 817-26	77
1438	The p300/CBP family: integrating signals with transcription factors and chromatin. 1997 , 7, 230-6	436
1437	Aging effects on growth hormone receptor binding in the brain. 1997 , 32, 521-8	37

1436	The structure, regulation and function of the Janus kinases (JAKs) and the signal transducers and activators of transcription (STATs). 1997 , 248, 615-33	213
1435	Identification of Stat 5B as a substrate of the insulin receptor. 1997 , 250, 411-7	37
1434	The role of tyrosine phosphorylation in proliferation and maturation of erythroid progenitor cells--signals emanating from the erythropoietin receptor. 1997 , 249, 637-47	98
1433	Identification of an adenine-nucleotide-binding site on interferon alpha2. 1997 , 247, 762-9	2
1432	Protein phosphorylation in response to PDGF stimulation in cultured neurons and astrocytes. 1997 , 99, 216-25	9
1431	Characterization of the human secretory component gene promoter. 1997 , 1350, 147-54	26
1430	STAR, a gene family involved in signal transduction and activation of RNA. 1997 , 13, 479-84	253
1429	Identification and functional characterization of a second chain of the interleukin-10 receptor complex. 1997 , 16, 5894-903	327
1428	A protein-arginine methyltransferase binds to the intracytoplasmic domain of the IFNAR1 chain in the type I interferon receptor. 1997 , 16, 260-6	144
1427	Deficient cytokine signaling in mouse embryo fibroblasts with a targeted deletion in the PKR gene: role of IRF-1 and NF-kappaB. 1997 , 16, 406-16	307
1426	Extracellular signal-dependent nuclear import of Stat1 is mediated by nuclear pore-targeting complex formation with NPI-1, but not Rch1. 1997 , 16, 7067-77	301
1425	Prolactin as a mitogen in mammary cells. 1997 , 2, 29-39	76
1424	Advances in the understanding of cytokine signal transduction: the role of Jaks and STATs in immunoregulation and the pathogenesis of immunodeficiency. 1997 , 17, 431-47	36
1423	Specific inhibition of Stat3 signal transduction by PIAS3. <i>Science</i> , 1997 , 278, 1803-5	333 810
1422	STAT3 as an adapter to couple phosphatidylinositol 3-kinase to the IFNAR1 chain of the type I interferon receptor. <i>Science</i> , 1997 , 276, 1418-20	333 234
1421	Cellular responses to interferon-gamma. 1997 , 15, 749-95	2590
1420	Tamoxifen enhances interferon-regulated gene expression in breast cancer cells. 1997 , 167, 169-77	30
1419	Transcriptional regulation during myelopoiesis. 1997 , 24, 157-68	64

1418	Optimized production of the soluble human interferon α receptor (IFNAR) expressed in <i>E. coli</i> . 1997 , 11, 301-305	
1417	Role of the bZIP transcription factor IREBF1 in the NGF induction of stromelysin-1 (transin) gene expression in PC12 cells. 1997 , 8, 243-55	3
1416	The effects of interferon-gamma on the central nervous system. 1997 , 14, 19-35	139
1415	Structure-activity of type I interferons. 1997 , 10, 59-86	23
1414	IRF-1 expression in normal human epidermal keratinocytes. 1997 , 289, 415-20	7
1413	STAT5A encoding gene maps to chromosome 19 in cattle and goat and to chromosome 11 in sheep. 1997 , 8, 705-6	12
1412	Mapping of the galectin-3 gene (LGALS3) to human chromosome 14 at region 14q21-22. 1997 , 8, 706-7	49
1411	Interferon regulatory factors: growth control and histone gene regulation—it's not just interferon anymore. 1997 , 75, 348-59	36
1410	Mapping of the human IL10 gene and further characterization of the 5' flanking sequence. 1997 , 46, 120-8	305
1409	Jaks and Stats in cytokine signaling. 1997 , 15 Suppl 1, 105-11; discussion 112	89
1408	Inter-relationship among macrophages, natural killer cells and neutrophils in early stages of <i>Listeria</i> resistance. 1997 , 9, 35-43	176
1407	Antigen recognition. 1997 , 9, 71-4	23
1406	Induction of nitric oxide synthase is involved in the mechanism of Fas-mediated apoptosis in haemopoietic cells. 1997 , 99, 481-9	43
1405	Interferon-gamma induced proliferation of human myeloid leukaemia cell lines. 1997 , 98, 699-710	7
1404	Expression and modulation of cellular receptors for interferon-gamma, tumour necrosis factor, and Fas on human bone marrow CD34+ cells. 1997 , 97, 356-65	57
1403	Specific activation of AP-1 but not Stat3 in regenerating liver in mice. 1997 , 27, 948-55	30
1402	Inhibitory effects of interleukin-10 on synovial cells of rheumatoid arthritis. 1997 , 91, 252-9	29
1401	Endothelial production of MCP-1: modulation by heparin and consequences for mononuclear cell activation. 1997 , 92, 512-8	36

1400	Oncostatin M stimulates monocyte chemoattractant protein-1- and interleukin-1-induced matrix metalloproteinase-1 production by human synovial fibroblasts in vitro. 1997 , 40, 2139-46	74
1399	Superantigen and endotoxin synergize in the induction of lethal shock. 1997 , 27, 825-33	95
1398	Molecular mechanisms regulating induction of interleukin-6 gene transcription by interferon-gamma. 1997 , 27, 3022-30	52
1397	Cytokines and the hepatic acute phase response. 1997 , 181, 257-66	485
1396	Interferon-gamma-induced JAK2 and STAT1 signalling in a human salivary gland cell line. 1997 , 173, 110-4	14
1395	Transcription factors IRF-1 and IRF-2: linking the immune responses and tumor suppression. 1997 , 173, 128-30	37
1394	STAT signaling is active during early mammalian development. 1997 , 208, 190-8	76
1393	Human ovarian-carcinoma cell lines express IL-4 and IL-13 receptors: comparison between IL-4- and IL-13-induced signal transduction. 1997 , 70, 230-40	49
1392	SH3 domains and drug design: ligands, structure, and biological function. 1997 , 43, 383-400	140
1391	Engineered cell lines as a tool for monitoring biological activity of hormone analogs. 1997 , 249, 119-30	55
1390	Inhibition of epidermal growth factor-induced stat1 activation by lysophosphatidic acid is mediated by pertussis toxin-sensitive g proteins and tyrosine phosphatase in human epidermoid carcinoma A431 cells. 1998 , 44, 979-987	
1389	Signal transduction by the peptide which mimics the activity of thrombopoietin. 1998 , 44, 1203-9	
1388	Modulation of cytokine-induced HIV gene expression by competitive binding of transcription factors to the coactivator p300. 1998 , 17, 3124-34	121
1387	Stat1 combines signals derived from IFN-gamma and LPS receptors during macrophage activation. 1998 , 17, 3660-8	177
1386	OCA-B integrates B cell antigen receptor-, CD40L- and IL 4-mediated signals for the germinal center pathway of B cell development. 1998 , 17, 5066-75	80
1385	IL-10 inhibits macrophage activation and proliferation by distinct signaling mechanisms: evidence for Stat3-dependent and -independent pathways. 1998 , 17, 1006-18	347
1384	Direct triggering of the type I interferon system by virus infection: activation of a transcription factor complex containing IRF-3 and CBP/p300. 1998 , 17, 1087-95	656
1383	Recent advances in the understanding of interleukin-2 signal transduction. 1998 , 18, 307-20	58

1382	Effect of propranolol and IFN-beta on the induction of MHC class II expression and cytokine production by IFN-gamma IN THP-1 human monocytic cells. 1998 , 20, 39-61	13
1381	CA 125 is dominantly expressed by arrest of G0/G1 phase in uterine cervical adenocarcinoma cell line. 1998 , 71, 442-9	1
1380	Differential effects of lead and cAMP on development and activities of Th1- and Th2-lymphocytes. 1998 , 43, 172-85	22
1379	Ebola virus inhibits induction of genes by double-stranded RNA in endothelial cells. 1998 , 252, 179-88	79
1378	Structure of IRF-1 with bound DNA reveals determinants of interferon regulation. 1998 , 391, 103-6	325
1377	Synergistic stimulation of MHC class I and IRF-1 gene expression by IFN-gamma and TNF-alpha in oligodendrocytes. 1998 , 10, 2975-83	53
1376	Receptors and their classification: focus on angiotensin II and the AT2 receptor. 1998 , 12, 311-8	63
1375	FGF signaling activates STAT1 and p21 and inhibits the estrogen response and proliferation of MCF-7 cells. 1998 , 16, 2647-56	45
1374	Signalling by the oncogenic receptor tyrosine kinase Xmrk leads to activation of STAT5 in Xiphophorus melanoma. 1998 , 16, 3047-56	31
1373	Src kinases and not JAKs activate STATs during IL-3 induced myeloid cell proliferation. 1998 , 16, 1749-58	128
1372	CIS3 and JAB have different regulatory roles in interleukin-6 mediated differentiation and STAT3 activation in M1 leukemia cells. 1998 , 17, 2271-8	78
1371	From Src Homology domains to other signaling modules: proposal of the 'protein recognition code'. 1998 , 17, 1469-74	206
1370	Repression of Stat3 activity by activation of mitogen-activated protein kinase (MAPK). 1998 , 17, 3157-67	170
1369	Attenuated c-fos mRNA induction after middle cerebral artery occlusion in CREB knockout mice does not modulate focal ischemic injury. 1998 , 18, 1325-35	31
1368	Regulation of interferon responses in medulloblastoma cells by interferon regulatory factor-1 and -2. 1998 , 77, 2081-7	5
1367	Leukemia inhibitory factor regulates proopiomelanocortin transcription. 1998 , 840, 162-73	25
1366	Signaling by the cytokine receptor superfamily. 1998 , 865, 1-9	101
1365	The MHC class I ligand-generating system: roles of immunoproteasomes and the interferon-gamma-inducible proteasome activator PA28. 1998 , 163, 161-76	264

1364	Leukemia inhibitory factor and NGF regulate signal transducers and activators of transcription activation in sympathetic ganglia: convergence of cytokine- and neurotrophin-signaling pathways. 1998 , 802, 198-204	30
1363	The regulation of heat shock proteins and their role in systemic lupus erythematosus. 1998 , 28, 155-62	21
1362	Maternal recognition of pregnancy: Comparative aspects. 1998 , 19, 375-386	3
1361	Two types of chicken 2',5'-oligoadenylate synthetase mRNA derived from alleles at a single locus. 1998 , 1395, 181-91	35
1360	DAP genes: novel apoptotic genes isolated by a functional approach to gene cloning. 1998 , 1377, F13-33	20
1359	Transcription factor Stat5 is an early marker of differentiation of murine embryonic stem cells. 1998 , 62, 213-20	19
1358	Two gamma-interferon-activation sites (GAS) on the promoter of the human intercellular adhesion molecule (ICAM-1) gene are required for induction of transcription by IFN-gamma. 1998 , 258, 968-75	28
1357	Modulation of interferon gamma induced increases in cathepsin B in THP-1 cells by adrenergic agonists and antagonists. 1998 , 22, 13-20	2
1356	Interferon-alpha and -gamma inhibit the growth and neoplastic potential of v-src-transformed human epithelial cells by reducing Src tyrosine kinase activity. 1998 , 76, 423-9	5
1355	Oligodendroglial survival factors, PDGF-AA and CNTF, activate similar JAK/STAT signaling pathways. 1998 , 54, 191-205	65
1354	Members of the JAK/STAT proteins are expressed and regulated during development in the mammalian forebrain. 1998 , 54, 320-30	87
1353	Genomic analysis of the Tapasin gene, located close to the TAP loci in the MHC. 1998 , 28, 459-67	66
1352	IFN-alpha super-induction of HLA class I expression by a variant thymoma cell line involves nuclear translocation of Rel complexes. 1998 , 28, 3792-9	2
1351	Organische Synthese und biologische Signaltransduktion. 1998 , 110, 716-780	47
1350	Organic Synthesis and Biological Signal Transduction. 1998 , 37, 688-749	121
1349	Effect of insoluble extracellular matrix molecules on Fas expression in epithelial cells. 1998 , 174, 285-92	6
1348	Modulation of cellular tryptophan metabolism in human fibroblasts by transforming growth factor-beta: selective inhibition of indoleamine 2,3-dioxygenase and tryptophanyl-tRNA synthetase gene expression. 1998 , 177, 174-86	69
1347	Epidermal growth factor receptor in proliferating reactive glia following transient focal ischemia in the rat brain. 1998 , 23, 120-9	74

1346	Involvement of gp130-mediated signaling in pressure overload-induced activation of the JAK/STAT pathway in rodent heart. 1998 , 13, 199-208	61
1345	Interferon-mediated activation of the STAT signaling pathway in a human carcinoid tumor. 1998 , 5, 642-9	5
1344	Activation of STAT transcription factors in oncogenic tyrosine kinase signaling. 1998 , 5, 79-85	156
1343	Mechanisms controlling cellular suicide: role of Bcl-2 and caspases. 1998 , 54, 427-45	154
1342	Type I interferons: expression and signalization. 1998 , 54, 1109-21	67
1341	UV light affects cell membrane and cytoplasmic targets. 1998 , 44, 91-6	74
1340	JAK/STAT signaling by cytokine receptors. 1998 , 10, 271-8	197
1339	Mechanism of activation of the GM-CSF, IL-3, and IL-5 family of receptors. 1998 , 16, 301-13	142
1338	Physiological and pharmacological implications of AT1 versus AT2 receptors. 1998 , 67, S95-9	70
1337	Type I interferons are essential mediators of apoptotic death in virally infected cells. 1998 , 3, 29-37	135
1336	Group B streptococci persist inside macrophages. 1998 , 93, 86-95	86
1335	Interferon alpha activates the tyrosine kinase Lyn in haemopoietic cells. 1998 , 101, 446-9	11
1334	Differentiation therapy of myelodysplastic syndromes: fact or fiction?. 1998 , 102, 1124-38	18
1333	Growth effects of alpha-interferon but not of bombesin or angiotensin II are mediated by activation of STAT proteins. 1998 , 28, 398-406	5
1332	Not just another meeting: the coming of age of JAKs and STATs. 1998 , 19, 338-41	14
1331	Melanoma differentiation associated gene-9, mda-9, is a human gamma interferon responsive gene. 1998 , 207, 105-10	69
1330	Cloning and characterization of the promoter for the human complement factor I (C3b/C4b inactivator) gene. 1998 , 208, 17-24	16
1329	The genomic structure of the chicken ICSBP gene and its transcriptional regulation by chicken interferon. 1998 , 210, 265-75	11

1328	The role of interferon regulatory factors in the interferon system and cell growth control. 1998 , 80, 641-50	117
1327	Role of the interferon regulatory factors (IRFs) in virus-mediated signaling and regulation of cell growth. 1998 , 80, 651-8	69
1326	Type I interferon gene expression: differential expression of IFN-A genes induced by viruses and double-stranded RNA. 1998 , 80, 673-87	20
1325	Transcriptional repression of type I IFN genes. 1998 , 80, 689-701	10
1324	Cooperative binding of Stat1-2 heterodimers and ISGF3 to tandem DNA elements. 1998 , 80, 703-10	37
1323	c-Fes tyrosine kinase binds to and activates STAT3 after granulocyte-macrophage colony-stimulating factor stimulation. 1998 , 129, 29-37	24
1322	Interferon-gamma-induced factor binding to the interleukin-4-responsive element of CD23b promoter in human tonsillar mononuclear cells: role in transient up-regulation of the interleukin-4-induced CD23b mRNA. 1998 , 35, 239-47	18
1321	Constitutive and interferon-gamma-induced expression of the human proteasome subunit multicatalytic endopeptidase complex-like 1. 1998 , 1402, 17-28	20
1320	Modulation of the activation status of Stat5a during LIF-induced differentiation of M1 myeloid leukemia cells. 1998 , 1402, 313-23	10
1319	Regulation of C1 inhibitor synthesis. 1998 , 199, 377-88	63
1318	Induction and early development of the hematopoietic and immune systems in <i>Xenopus</i> . 1998 , 22, 265-78	24
1317	Jaks and STATs: biological implications. 1998 , 16, 293-322	1438
1316	Three distinct domains of SSI-1/SOCS-1/JAB protein are required for its suppression of interleukin 6 signaling. 1998 , 95, 13130-4	213
1315	Interleukin 5 and B cell differentiation. 1998 , 9, 25-35	81
1314	The CIS family: negative regulators of JAK-STAT signaling. 1998 , 9, 197-204	61
1313	Growth hormone: a new therapy for heart failure?. 1998 , 12, 217-31	5
1312	STAT structure and function in signaling. 1998 , 8, 582-7	77
1311	Activation of the MHC class II transactivator CIITA by interferon-gamma requires cooperative interaction between Stat1 and USF-1. 1998 , 8, 157-66	294

1310	Tumor cell responses to IFN γ affect tumorigenicity and response to IL-12 therapy and antiangiogenesis. 1998 , 9, 25-34	265
1309	The molecular basis of growth hormone action. 1998 , 8, 3-11	27
1308	Virus infection induces the assembly of coordinately activated transcription factors on the IFN-beta enhancer in vivo. 1998 , 1, 507-18	644
1307	Tumor necrosis factor-alpha mediated activation of signal transduction cascades and transcription factors in 3T3-L1 adipocytes. 1998 , 38, 333-47	19
1306	Disruption of the Jak1 gene demonstrates obligatory and nonredundant roles of the Jaks in cytokine-induced biologic responses. 1998 , 93, 373-83	675
1305	Jak2 deficiency defines an essential developmental checkpoint in definitive hematopoiesis. 1998 , 93, 397-409	832
1304	Stat5a and Stat5b proteins have essential and nonessential, or redundant, roles in cytokine responses. 1998 , 93, 841-50	1115
1303	Complementation cloning of NEMO, a component of the I κ B kinase complex essential for NF-kappaB activation. 1998 , 93, 1231-40	965
1302	Involvement of the IRF family transcription factor IRF-3 in virus-induced activation of the IFN-beta gene. 1998 , 425, 112-6	211
1301	A non-peptide compound which can mimic the effect of thrombopoietin via c-Mpl. 1998 , 428, 250-4	40
1300	Positive feedback regulation of type I IFN genes by the IFN-inducible transcription factor IRF-7. 1998 , 441, 106-10	431
1299	Expression of a tyrosine phosphorylated, DNA binding Stat3beta dimer in bacteria. 1998 , 441, 141-7	33
1298	Promotion of the development of enteric neurons and glia by neurotrophic cytokines: Interactions with neurotrophin-3. 1998 , 198, 343-365	71
1297	How cells respond to interferons. 1998 , 67, 227-64	3365
1296	Structure, organization, and dynamics of promyelocytic leukemia protein nuclear bodies. 1998 , 63, 297-304	139
1295	Nuclear import and export of proteins: the molecular basis for intracellular signaling. 1998 , 9, 205-11	16
1294	Immunobiology of renal transplantation. 1998 , 78, 1-26	14
1293	Characterization of Inducible Nitric Oxide Synthase Expression in Human Airway Epithelium. 1998 , 106, 1119	3

1292	Structural and mechanistic aspects of Janus kinases: how the two-faced god wields a double-edged sword. 1998 , 18, 1-15	26
1291	MRG1, the product of a melanocyte-specific gene related gene, is a cytokine-inducible transcription factor with transformation activity. 1998 , 95, 13555-60	86
1290	Biomolecular interaction analysis of IFN gamma-induced signaling events in whole-cell lysates: prevalence of latent STAT1 in high-molecular weight complexes. 1998 , 16, 39-51	48
1289	Signal transduction through cytokine receptors. 1998 , 17, 75-102	22
1288	Biological Response Modifiers in the Treatment of Malignant Brain Tumours. 1998 , 10, 11-24	
1287	Interferon-induced upregulation and cytoplasmic localization of Myc-interacting protein Nmi. 1998 , 18, 767-71	32
1286	Inhibitors of Cell Growth. 1998 ,	1
1285	The effect of interferon-alpha on beta-1 integrin mediated adhesion and growth regulation in chronic myelogenous leukemia. 1998 , 28, 241-54	37
1284	Dimerization as a regulatory mechanism in signal transduction. 1998 , 16, 569-92	279
1283	alpha-Thrombin inhibits signal transducers and activators of transcription 3 signaling by interleukin-6, leukemia inhibitory factor, and ciliary neurotrophic factor in CCL39 cells. 1998 , 350, 307-14	9
1282	Inhibitors of ADP-ribosylation impair inducible nitric oxide synthase gene transcription through inhibition of NF kappa B activation. 1998 , 243, 451-7	102
1281	STAT3 forms stable homodimers in the presence of divalent cations prior to activation. 1998 , 247, 558-63	58
1280	Impaired Stat3 activation following localized inflammatory stimulus in IL-6-deficient mice. 1998 , 10, 13-8	46
1279	EGF modulates expression of STAT5 in mammary epithelial cells. 1998 , 243, 347-58	28
1278	Two distinct signaling pathways mediate DIF induction of prestalk gene expression in Dictyostelium. 1998 , 245, 179-85	16
1277	Localization of the human stat6 gene to chromosome 12q13.3-q14.1, a region implicated in multiple solid tumors. 1998 , 52, 192-200	34
1276	Shared receptor components but distinct complexes for alpha and beta interferons. 1998 , 282, 585-99	77
1275	Analysis of interferon-regulated proteins binding the interferon-alpha-stimulated response element. 1998 , 15, 167-74	17

1274	AP-1 transcription factors: short- and long-term modulators of gene expression in the brain. 1998 , 42, 169-97	24
1273	The Croonian Lecture 1997. The phosphorylation of proteins on tyrosine: its role in cell growth and disease. 1998 , 353, 583-605	313
1272	Effects of interferon-alpha, interferon-gamma and cAMP on the transcriptional regulation of the serotonin transporter. 1998 , 349, 317-24	128
1271	STAT3 orchestrates contradictory signals in cytokine-induced G1 to S cell-cycle transition. 1998 , 17, 6670-7	192
1270	Ser727-dependent recruitment of MCM5 by Stat1alpha in IFN-gamma-induced transcriptional activation. 1998 , 17, 6963-71	191
1269	The JAK-STAT pathway: signal transduction involved in proliferation, differentiation and transformation. 1998 , 28, 459-67	61
1268	Growth control mechanisms in multiple myeloma. 1998 , 29, 465-75	29
1267	Reoviruses and the interferon system. 1998 , 233, 125-45	38
1266	Structure of the amino-terminal protein interaction domain of STAT-4. <i>Science</i> , 1998 , 279, 1048-52	33.3 222
1265	Stat3 and G-CSF-induced myeloid differentiation. 1998 , 30, 433-42	67
1264	Identification of a membrane-associated inhibitor(s) of epidermal growth factor-induced signal transducer and activator of transcription activation. 1998 , 273, 18198-204	7
1263	Effects of the estrous cycle and early pregnancy on uterine expression of Mx protein in sheep (<i>Ovis aries</i>). 1998 , 59, 784-94	98
1262	Regulation of type I interferon gene expression by interferon regulatory factor-3. 1998 , 273, 2714-20	238
1261	Interferon induction of TAP1: the phosphatase SHP-1 regulates crossover between the IFN-alpha/beta and the IFN-gamma signal-transduction pathways. 1998 , 83, 815-23	36
1260	Oncostatin M and the interleukin-6 and soluble interleukin-6 receptor complex regulate alpha1-antichymotrypsin expression in human cortical astrocytes. 1998 , 273, 4112-8	91
1259	Positive selection of apoptosis-resistant cells correlates with activation of dominant-negative STAT5. 1998 , 273, 20779-84	26
1258	Differential expression of Ped gene candidates in preimplantation mouse embryos. 1998 , 59, 941-52	24
1257	Identification of genes differentially regulated by interferon alpha, beta, or gamma using oligonucleotide arrays. 1998 , 95, 15623-8	1502

1256	Expression of interferon regulatory factors one and two in the ovine endometrium: effects of pregnancy and ovine interferon tau. 1998 , 58, 1154-62	66
1255	STAT6 is required for the anti-inflammatory activity of interleukin-4 in mouse peritoneal macrophages. 1998 , 273, 29202-9	76
1254	The amino-terminal domain of human STAT4. Overproduction, purification, and biophysical characterization. 1998 , 273, 17109-14	12
1253	Lactogenic hormone-inducible phosphorylation and gamma-activated site-binding activities of Stat5b in primary rat Leydig cells and MA-10 mouse Leydig tumor cells. 1998 , 139, 1872-82	13
1252	p300/CREB-binding protein enhances the prolactin-mediated transcriptional induction through direct interaction with the transactivation domain of Stat5, but does not participate in the Stat5-mediated suppression of the glucocorticoid response. 1998 , 12, 1582-93	189
1251	Desensitization of the growth hormone-induced Janus kinase 2 (Jak 2)/signal transducer and activator of transcription 5 (Stat5)-signaling pathway requires protein synthesis and phospholipase C. 1998 , 139, 1815-24	46
1250	Regulation of gene expression, growth, and cell survival by IL-4: contribution of multiple signaling pathways. 1998 , 8, 1-13	20
1249	Identification and regulation of testicular interferon-gamma (IFNgamma) receptor subunits: IFNgamma enhances interferon regulatory factor-1 and interleukin-1beta converting enzyme expression. 1998 , 139, 2636-44	40
1248	Cytokine regulation of the rat proopiomelanocortin gene expression in AtT-20 cells. 1998 , 139, 2414-22	60
1247	Stat3 activation by Src induces specific gene regulation and is required for cell transformation. 1998 , 18, 2545-52	581
1246	Cellular responses to interferons and other cytokines: the JAK-STAT paradigm. 1998 , 338, 616-8	68
1245	Finasteride to prevent morbidity from benign prostatic hyperplasia. 1998 , 338, 612-3	14
1244	Polycythemia vera--chance, death, and mutability. 1998 , 338, 613-5	9
1243	General mechanisms of cytokine receptor signaling. 1998 , 52, 109-40	19
1242	Organic Synthesis and Biological Signal Transduction. 1998 , 1998, 574-584	6
1241	Growth hormone stimulates interferon regulatory factor-1 gene expression in the liver. 1998 , 139, 859-66	12
1240	Stat3 activation is required for cellular transformation by v-src. 1998 , 18, 2553-8	581
1239	Interleukin 5 signals through Shc and Grb2 in human eosinophils. 1998 , 18, 75-83	41

1238	Functional properties of leptin receptor isoforms containing the gln-->pro extracellular domain mutation of the fatty rat. 1998 , 139, 3681-90	60
1237	Transcription of the rat serine protease inhibitor 2.1 gene in vivo: correlation with GAGA box promoter occupancy and mechanism of cytokine-mediated down-regulation. 1998 , 12, 391-404	32
1236	Type I interferons. 1998 , 17, 53-73	86
1235	Prolactin (PRL) and its receptor: actions, signal transduction pathways and phenotypes observed in PRL receptor knockout mice. 1998 , 19, 225-68	1356
1234	Signal transduction of the cytokine receptor. 1998 , 2, 153-164	
1233	Chapter 5 Tissue-specific expression of the CYP19 (aromatase) gene. 1998 , 99-120	
1232	Role of the STAT1-SH2 domain and STAT2 in the activation and nuclear translocation of STAT1. 1998 , 273, 30073-6	42
1231	Transcriptional silencing of perlecan gene expression by interferon-gamma. 1998 , 273, 4642-6	52
1230	Differential Effects of Lead and cAMP on Development and Activities of Th1- and Th2-Lymphocytes. 1998 , 43, 172-185	95
1229	Prolactin receptor regulates Stat5 tyrosine phosphorylation and nuclear translocation by two separate pathways. 1998 , 273, 7709-16	57
1228	Differences in activity between alpha and beta type I interferons explored by mutational analysis. 1998 , 273, 8003-8	57
1227	Heteromerization of the gammac chain with the interleukin-9 receptor alpha subunit leads to STAT activation and prevention of apoptosis. 1998 , 273, 9255-60	69
1226	Identification of amino acid residues critical for the Src-homology 2 domain-dependent docking of Stat2 to the interferon alpha receptor. 1998 , 273, 19495-501	16
1225	Human cytomegalovirus inhibits major histocompatibility complex class II expression by disruption of the Jak/Stat pathway. 1998 , 187, 675-83	287
1224	Complex induction of bovine uterine proteins by interferon-tau. 1998 , 59, 293-7	48
1223	Acute suppression of inwardly rectifying Kir2.1 channels by direct tyrosine kinase phosphorylation. 1998 , 273, 34063-8	75
1222	Angiotensin II-induced tyrosine phosphorylation of signal transducers and activators of transcription 1 is regulated by Janus-activated kinase 2 and Fyn kinases and mitogen-activated protein kinase phosphatase 1. 1998 , 273, 30795-800	68
1221	Accelerated apoptosis of lymphocytes by augmented induction of Bax in SSI-1 (STAT-induced STAT inhibitor-1) deficient mice. 1998 , 95, 15577-82	253

1220	Leptin action in intestinal cells. 1998 , 273, 26194-201	171
1219	Primary activation of interferon A and interferon B gene transcription by interferon regulatory factor 3. 1998 , 95, 9837-42	233
1218	IRT-1, a novel interferon-gamma-responsive transcript encoding a growth-suppressing basic leucine zipper protein. 1998 , 273, 14731-7	13
1217	Activation and functional analysis of Janus kinase 2 in BA/F3 cells using the coumermycin/gyrase B system. 1998 , 9, 3299-308	34
1216	Production of immunoreactive 2',5'-oligoadenylate synthetase in p48-deficient mice. 1998 , 18, 181-5	1
1215	Prolonged allograft survival in cynomolgus monkeys treated with a monoclonal antibody to the human type I interferon receptor and low doses of cyclosporine. 1998 , 18, 273-84	11
1214	IFN-gamma induces calcium transients and increases the capacitative calcium entry in human neutrophils. 1998 , 18, 197-205	12
1213	STAT 5 and NF-Y are involved in expression and growth hormone-mediated sexually dimorphic regulation of cytochrome P450 3A10/lithocholic acid 6beta-hydroxylase. 1998 , 26, 2173-8	33
1212	A role for the insulin-interleukin (IL)-4 receptor motif of the IL-4 receptor alpha-chain in regulating activation of the insulin receptor substrate 2 and signal transducer and activator of transcription 6 pathways. Analysis by mutagenesis. 1998 , 273, 9898-905	22
1211	Jak2-Stat5 interactions analyzed in yeast. 1998 , 273, 12567-75	35
1210	The intracellular localization of deoxycytidine kinase. 1998 , 273, 30239-43	72
1209	Oncostatin M stimulates c-Fos to bind a transcriptionally responsive AP-1 element within the tissue inhibitor of metalloproteinase-1 promoter. 1998 , 273, 5211-8	64
1208	Endocrinology of the Transition from Recurring Estrous Cycles to Establishment of Pregnancy in Subprimate Mammals. 1998 , 1-34	20
1207	Thioredoxin reductase mediates cell death effects of the combination of beta interferon and retinoic acid. 1998 , 18, 6493-504	71
1206	Interleukin-6-type cytokine signalling through the gp130/Jak/STAT pathway. 1998 , 334 (Pt 2), 297-314	1698
1205	Structure of and signal transduction through interleukin-4 and interleukin-13 receptors (review). 1998 , 1, 551-7	101
1204	Interferon regulatory factor-1 gene abnormality and loss of growth inhibitory effect of interferon-alpha in human hepatoma cell lines. 1998 , 13, 1207-16	5
1203	Interferon-γ induces cathepsin B expression in a human macrophage-like cell line by increasing both transcription and mRNA stability.. 1998 , 2, 181	

1202	STAT1 is involved in signal transduction in the EPO induced HEL cells. 1998 , 8, 105-17	5
1201	The noncalcemic vitamin D analogs EB1089 and 22-oxacalcitriol suppress serum-induced parathyroid hormone-related peptide gene expression in a lung cancer cell line. 1998 , 139, 1046-53	28
1200	Interleukin 4 Receptor. 1998 , 1453-1455	
1199	Chapter 2 Molecular aspects of growth hormone action. 1998 , 2, 35-57	
1198	Pathophysiology of the Renin-Angiotensin System in Heart Failure. 1998 , 305-322	
1197	Interferon γ 1998 , 1417-1421	
1196	Key effectors of signal transduction and G1 progression. 1998 , 74, 1-24	41
1195	Mechanisms involved in natural and experimental neuropathogenicity of influenza viruses: evidence and speculation. 1998 , 50, 289-379	20
1194	Inhibition of Stat1-mediated gene activation by PIAS1. 1998 , 95, 10626-31	626
1193	Interaction of stat6 and NF-kappaB: direct association and synergistic activation of interleukin-4-induced transcription. 1998 , 18, 3395-404	172
1192	Gab1 acts as an adapter molecule linking the cytokine receptor gp130 to ERK mitogen-activated protein kinase. 1998 , 18, 4109-17	243
1191	Regulation of interleukin 4-mediated signaling by naturally occurring dominant negative and attenuated forms of human Stat6. 1998 , 95, 172-7	56
1190	STAT3 complements defects in an interferon-resistant cell line: evidence for an essential role for STAT3 in interferon signaling and biological activities. 1998 , 95, 5568-72	113
1189	Budesonide epimer R or dexamethasone selectively inhibit platelet-activating factor-induced or interleukin 1beta-induced DNA binding activity of cis-acting transcription factors and cyclooxygenase-2 gene expression in human epidermal keratinocytes. 1998 , 95, 3914-9	66
1188	Granulocyte colony-stimulating factor activates a 72-kDa isoform of STAT3 in human neutrophils. 1998 , 64, 675-80	49
1187	Transcription factors that regulate monocyte/macrophage differentiation. 1998 , 63, 405-17	157
1186	Interferon regulatory factor 3 and CREB-binding protein/p300 are subunits of double-stranded RNA-activated transcription factor DRAF1. 1998 , 18, 1359-68	290
1185	Prolactin receptor signal transduction in cells of the immune system. 1998 , 157, 187-97	105

1184	Developmental expression and localization of the prolactin receptor (PRL-R) gene in ewe mammary gland during pregnancy and lactation: estimation of the ratio of the two forms of PRL-R messenger ribonucleic acid. 1998 , 58, 1290-6	25
1183	Erythropoietin and Friend virus gp55 activate different JAK/STAT pathways through the erythropoietin receptor in erythroid cells. 1998 , 18, 1172-80	26
1182	Virus-dependent phosphorylation of the IRF-3 transcription factor regulates nuclear translocation, transactivation potential, and proteasome-mediated degradation. 1998 , 18, 2986-96	745
1181	MHC class II gene silencing in trophoblast cells is caused by inhibition of CIITA expression. 1998 , 40, 385-94	37
1180	Interleukin 10 secretion in relation to human IL-10 locus haplotypes. 1998 , 95, 9465-70	418
1179	Demonstration of an interferon gamma-dependent tumor surveillance system in immunocompetent mice. 1998 , 95, 7556-61	1126
1178	Progesterin, Estrogen, and Insulin-like Growth Factor-I Stimulate the Prolactin Receptor mRNA in Human Endometrial Stromal Cells. 1998 , 5, 149-155	2
1177	Interleukin-5. 1998 , 69-85	
1176	The nuclear factor interleukin-6 (NF-IL6) and signal transducer and activator of transcription-3 (STAT-3) signalling pathways co-operate to mediate the activation of the hsp90beta gene by interleukin-6 but have opposite effects on its inducibility by heat shock. 1998 , 330 (Pt 1), 189-95	82
1175	Roles for interleukin-1beta, phorbol ester and a post-transcriptional regulator in the control of bradykinin B1 receptor gene expression. 1998 , 330 (Pt 1), 361-6	53
1174	Transcription factors and asthma. 1998 , 12, 221-34	217
1173	Acute promyelocytic leukemia as a model for cross-talk between interferon and retinoic acid pathways: from molecular biology to clinical applications. 1998 , 30, 11-22	32
1172	Chapter 1 Molecular aspects of prolactin and growth hormone receptors. 1998 , 2, 1-33	4
1171	Twenty proteins containing a C-terminal SOCS box form five structural classes. 1998 , 95, 114-9	614
1170	Current Problems and Technical Solutions in Protein Biochemistry. 1998 , 3-120	6
1169	Activation of the MAP kinase pathway by FGF-1 correlates with cell proliferation induction while activation of the Src pathway correlates with migration. 1998 , 141, 1647-58	108
1168	A mutant cell line defective in response to double-stranded RNA and in regulating basal expression of interferon-stimulated genes. 1998 , 95, 9442-7	32
1167	Relationship of cytokines and cytokine signaling to immunodeficiency disorders in the mouse. 1998 , 31, 61-7	6

1166	Characterization of inducible nitric oxide synthase expression in human airway epithelium. 1998 , 106 Suppl 5, 1119-24	27
1165	Murine GBP-2: a new IFN-gamma-induced member of the GBP family of GTPases isolated from macrophages. 1998 , 18, 977-85	32
1164	Phase III trial of modulation of cisplatin/fluorouracil chemotherapy by interferon alfa-2b in patients with recurrent or metastatic head and neck cancer. Head and Neck Interferon Cooperative Study Group. 1998 , 16, 1054-9	55
1163	Stability of albumin-free interferon alfa-2b for 42 days. 1998 , 55, 1602-5	1
1162	In vivo expression and regulation of Elk-1, a target of the extracellular-regulated kinase signaling pathway, in the adult rat brain. 1998 , 18, 214-26	142
1161	Antisense RNA: function and fate of duplex RNA in cells of higher eukaryotes. 1998 , 62, 1415-34	228
1160	Hematopoietic Remodeling in Interferon-Deficient Mice Infected With Mycobacteria. 1998 , 91, 2914-2924	68
1159	Prolonged STAT1 Activation Related to the Growth Arrest of Malignant Lymphoma Cells by Interferon- β . 1998 , 91, 3017-3027	35
1158	Phosphorylated Forms of Activated Caspases Are Present in Cytosol From HL-60 Cells During Etoposide-Induced Apoptosis. 1998 , 92, 3042-3049	48
1157	Multiple Myeloma: Increasing Evidence for a Multistep Transformation Process. 1998 , 91, 3-21	630
1156	Activation of Stat-3 Is Involved in the Induction of Apoptosis After Ligation of Major Histocompatibility Complex Class I Molecules on Human Jurkat T Cells. 1998 , 91, 3566-3573	41
1155	Interferon-Resistance in a Cutaneous T-Cell Lymphoma Cell Line Is Associated With Lack of STAT1 Expression. 1998 , 91, 570-576	141
1154	Induction of Synaptosomal-Associated Protein-23 kD (SNAP-23) by Various Cytokines. 1998 , 92, 129-135	10
1153	Differential Binding Activity of the Transcription Factor LIL-Stat in Immature and Differentiated Normal and Leukemic Myeloid Cells. 1998 , 92, 1364-1373	18
1152	A Janus Kinase Inhibitor, JAB, Is an Interferon-Inducible Gene and Confers Resistance to Interferons. 1998 , 92, 1668-1676	163
1151	Distinct Regulatory Mechanisms for Interferon- β and IFN- γ -Mediated Induction of Ly-6E Gene in B Cells. 1998 , 92, 2399-2409	13
1150	Cytokines and the blood-brain barrier. 1998 , 354-361	1
1149	JAK/STAT-deficient cell lines. 1998 , 31, 1389-95	8

1148	The polyoma virus T antigen interferes with interferon-inducible gene expression. 1998 , 95, 1085-90	41
1147	Interferon-alpha and interferon-gamma differentially affect pancreatic beta-cell phenotype and function. 1998 , 275, C25-32	9
1146	Autoregulation of the Stat3 gene through cooperation with a cAMP-responsive element-binding protein. 1998 , 273, 6132-8	141
1145	Tyrosine kinase inhibitors and antioxidants modulate NF-kappaB and NOS-II induction in retinal epithelial cells. 1998 , 275, C208-15	11
1144	Obtenci3n de una sonda para cuantificar el mRNA del factor activador de la transcripci3n STAT5 en rata. 1998 , 18, 185	1
1143	Sympathetic neurons can produce and respond to interleukin 6. 1998 , 95, 3251-6	267
1142	Signal Transducers and Activators of Transcription: Novel Targets for Anticancer Therapeutics. 1999 , 6, 1-7	6
1141	STAT Proteins and Cancer. 1999 , 6, 615-619	12
1140	Psoriatic keratinocytes show reduced IRF-1 and STAT-1alpha activation in response to gamma-IFN. 1999 , 13, 495-502	33
1139	Thyroid hormone induces activation of mitogen-activated protein kinase in cultured cells. 1999 , 276, C1014-24	167
1138	Cadherin-5 redistribution at sites of TNF-alpha and IFN-gamma-induced permeability in mesenteric venules. 1999 , 276, H736-48	46
1137	EGF induces nuclear translocation of STAT2 without tyrosine phosphorylation in intestinal epithelial cells. 1999 , 276, C419-25	25
1136	Interleukin-11 attenuates pulmonary inflammation and vasomotor dysfunction in endotoxin-induced lung injury. 1999 , 277, L861-7	16
1135	Lineage-specific modulation of interleukin 4 signaling by interferon regulatory factor 4. 1999 , 190, 1837-48	103
1134	Expression of type I interferon receptor and its relation with other prognostic factors in human neuroblastoma.. 1999 , 6, 149	
1133	STAT Signaling in the Pathogenesis and Treatment of Cancer. 1999 , 5, 432-456	91
1132	Systemic Interferon-(IFN- β) Treatment Leads to Stat3 Inactivation in Melanoma Precursor Lesions. 1999 , 5, 11-20	48
1131	Expression of hepatitis C virus proteins inhibits signal transduction through the Jak-STAT pathway. 1999 , 73, 8469-75	241

1130	Identification of a Novel Stat3 Recruitment and Activation Motif Within the Granulocyte Colony-Stimulating Factor Receptor. 1999 , 93, 15-24	60
1129	Mpl Ligand Enhances the Transcription of the Cyclin D3 Gene: A Potential Role for Sp1 Transcription Factor. 1999 , 93, 4208-4221	45
1128	Reconstitution of the Functional Mouse Oncostatin M (OSM) Receptor: Molecular Cloning of the Mouse OSM Receptor β Subunit. 1999 , 93, 804-815	81
1127	Both Stat3-Activation and Stat3-Independent BCL2 Downregulation Are Important for Interleukin-6-Induced Apoptosis of 1A9-M Cells. 1999 , 93, 1346-1354	37
1126	Cytoplasmic Domains of the Leukemia Inhibitory Factor Receptor Required for STAT3 Activation, Differentiation, and Growth Arrest of Myeloid Leukemic Cells. 1999 , 93, 1934-1941	39
1125	Genetic Evidence for an Additional Factor Required for Erythropoietin-Induced Signal Transduction. 1999 , 94, 74-86	25
1124	Divergent Inducible Expression of P-Selectin and E-Selectin in Mice and Primates. 1999 , 94, 3820-3828	83
1123	STAT5 Activation by BCR-Abl Contributes to Transformation of K562 Leukemia Cells. 1999 , 94, 1108-1112	151
1122	Enhanced B7-2 Gene Expression by Interferon- γ in Human Monocytic Cells Is Controlled Through Transcriptional and Posttranscriptional Mechanisms. 1999 , 94, 1782-1789	22
1121	Gene Duplication of Zebrafish JAK2 Homologs Is Accompanied by Divergent Embryonic Expression Patterns: Only jak2a Is Expressed During Erythropoiesis. 1999 , 94, 2622-2636	65
1120	A Thrombopoietin Receptor Mutant Deficient in Jak-STAT Activation Mediates Proliferation But Not Differentiation in UT-7 Cells. 1999 , 94, 2676-2685	31
1119	Upregulation of Integrin $\alpha 6/\beta 1$ and Chemokine Receptor CCR1 by Interleukin-12 Promotes the Migration of Human Type 1 Helper T Cells. 1999 , 94, 2981-2989	59
1118	Mutations in FL5.12 cells conferring resistance to apoptosis induced by interleukin-3 deprivation. 1999 , 14, 113-20	
1117	The transcriptional function of the hepatitis B virus X protein and its role in hepatocarcinogenesis (Review). 1999 , 15, 373-9	44
1116	Requirement for Ras/Rac1-mediated p38 and c-Jun N-terminal kinase signaling in Stat3 transcriptional activity induced by the Src oncoprotein. 1999 , 19, 7519-28	218
1115	From PTK-STAT signaling to caspase expression and apoptosis induction. 1999 , 6, 1201-8	30
1114	Interferon-gamma upregulates the c-Met/hepatocyte growth factor receptor expression in alveolar epithelial cells. 1999 , 21, 490-7	25
1113	Ternary complex factors Elk-1 and Sap-1a mediate growth hormone-induced transcription of egr-1 (early growth response factor-1) in 3T3-F442A preadipocytes. 1999 , 13, 619-31	62

1112	Myeloperoxidase gene expression and regulation by myeloid cell growth factors in normal and leukemic cells. 1999 , 32, 257-67	16
1111	Regulation of cyclooxygenase-2 by interferon gamma and transforming growth factor alpha in normal human epidermal keratinocytes and squamous carcinoma cells. Role of mitogen-activated protein kinases. 1999 , 274, 29138-48	155
1110	Differential substrate recognition capabilities of Janus family protein tyrosine kinases within the interleukin 2 receptor (IL2R) system: Jak3 as a potential molecular target for treatment of leukemias with a hyperactive Jak-Stat signaling machinery. 1999 , 32, 289-97	28
1109	Defective induction of the transcription factor interferon-stimulated gene factor-3 and interferon alpha insensitivity in human trophoblast cells. 1999 , 60, 312-21	15
1108	Forward genetics in mammalian cells: functional approaches to gene discovery. 1999 , 8, 1925-38	47
1107	Activated G protein-coupled receptor induces tyrosine phosphorylation of STAT3 and agonist-selective serine phosphorylation via sustained stimulation of mitogen-activated protein kinase. Resultant effects on cell proliferation. 1999 , 274, 16423-30	43
1106	Kinase activation of the non-receptor tyrosine kinase Etk/BMX alone is sufficient to transactivate STAT-mediated gene expression in salivary and lung epithelial cells. 1999 , 274, 38204-10	57
1105	Thyroid hormone, T3-dependent phosphorylation and translocation of Trip230 from the Golgi complex to the nucleus. 1999 , 96, 4443-8	55
1104	Oxidative stress triggers STAT3 tyrosine phosphorylation and nuclear translocation in human lymphocytes. 1999 , 274, 17580-6	199
1103	STAT3 is required for the gp130-mediated full activation of the c-myc gene. 1999 , 189, 63-73	339
1102	Somatic cell mutants resistant to retrovirus replication: intracellular blocks during the early stages of infection. 1999 , 10, 1705-17	34
1101	Cloning of the murine beta5 integrin subunit promoter. Identification of a novel sequence mediating granulocyte-macrophage colony-stimulating factor-dependent repression of beta5 integrin gene transcription. 1999 , 274, 1366-74	18
1100	Signal transducer and activator of transcription-1 and heat shock factor-1 interact and activate the transcription of the Hsp-70 and Hsp-90beta gene promoters. 1999 , 274, 1723-8	109
1099	Stimulation of different subtypes of angiotensin II receptors, AT1 and AT2 receptors, regulates STAT activation by negative crosstalk. 1999 , 84, 876-82	94
1098	Activation of the transcription factor ISGF3 by interferon-gamma. 1999 , 380, 699-703	86
1097	The Epstein-Barr virus nuclear antigen 2 (EBNA2), a protein required for B lymphocyte immortalization, induces the synthesis of type I interferon in Burkitt's lymphoma cell lines. 1999 , 380, 213-21	17
1096	Erythropoietin can induce the expression of bcl-x(L) through Stat5 in erythropoietin-dependent progenitor cell lines. 1999 , 274, 22165-9	219
1095	Development and characterization of immortalized ovine endometrial cell lines. 1999 , 61, 1324-30	78

1094	Regulation of apoptosis in myeloid cells by interferon consensus sequence-binding protein. 1999 , 190, 411-21	98
1093	The STAT3-independent signaling pathway by glycoprotein 130 in hepatic cells. 1999 , 274, 7793-802	25
1092	Constitutive activation of the prolactin receptor results in the induction of growth factor-independent proliferation and constitutive activation of signaling molecules. 1999 , 274, 10024-34	27
1091	Activation of the p38 mitogen-activated protein kinase by type I interferons. 1999 , 274, 30127-31	188
1090	Rapid STAT phosphorylation via the B cell receptor. Modulatory role of CD19. 1999 , 274, 31770-4	35
1089	Absence of growth hormone-induced avian muscle growth in vivo. 1999 , 78, 759-68	7
1088	Signaling mechanisms regulating self-renewal and differentiation of pluripotent embryonic stem cells. 1999 , 165, 131-43	159
1087	Regulation of lymphocyte cell fate decisions and lymphomagenesis by BCL-6. 1999 , 18, 381-403	64
1086	Tumor necrosis factor-alpha signals to the IFN-gamma receptor complex to increase Stat1alpha activation. 1999 , 19, 731-40	16
1085	Structural abnormalities in the G-CSF receptor in severe congenital neutropenia. 1999 , 8, 411-20	4
1084	The IL-6/sIL-6R fusion protein hyper-IL-6 promotes neurite outgrowth and neuron survival in cultured enteric neurons. 1999 , 19, 527-32	51
1083	Oromucosal interferon therapy: marked antiviral and antitumor activity. 1999 , 19, 145-55	44
1082	Cooperation of the transcriptional coactivators CBP and p300 with Stat6. 1999 , 19, 711-22	57
1081	The designer cytokine hyper-interleukin-6 is a potent activator of STAT3-dependent gene transcription in vivo and in vitro. 1999 , 274, 1257-66	50
1080	Vasoactive intestinal peptide and pituitary adenylate cyclase-activating polypeptide inhibit interleukin-12 transcription by regulating nuclear factor kappaB and Ets activation. 1999 , 274, 31930-40	86
1079	Protein kinase C delta associates with and phosphorylates Stat3 in an interleukin-6-dependent manner. 1999 , 274, 24392-400	171
1078	Regulation of angiotensin II-induced phosphorylation of STAT3 in vascular smooth muscle cells. 1999 , 274, 19846-51	72
1077	Thrombopoietin signal transduction requires functional JAK2, not TYK2. 1999 , 274, 13480-4	93

1076	Identification of a STAT4 binding site in the interleukin-12 receptor required for signaling. 1999 , 274, 1875-8	54
1075	Stress-induced phosphorylation of STAT1 at Ser727 requires p38 mitogen-activated protein kinase whereas IFN-gamma uses a different signaling pathway. 1999 , 96, 13956-61	231
1074	Cooperative regulation of CYP2C12 gene expression by STAT5 and liver-specific factors in female rats. 1999 , 274, 37117-24	26
1073	Distinct and common pathways in the regulation of insulin-like growth factor-1 receptor gene expression by angiotensin II and basic fibroblast growth factor. 1999 , 274, 3522-30	41
1072	Serine phosphorylation and negative regulation of Stat3 by JNK. 1999 , 274, 31055-61	182
1071	Cloning and functional analysis of the human IRF-3 promoter. 1999 , 18, 685-92	28
1070	Type I interferons (IFNs) regulate tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) expression on human T cells: A novel mechanism for the antitumor effects of type I IFNs. 1999 , 189, 1451-60	411
1069	Genomic organization of mouse gene zfp162. 1999 , 18, 419-28	7
1068	Activation of STAT1 alpha by phosphatase inhibitor vanadate in glomerular mesangial cells: involvement of tyrosine and serine phosphorylation. 1999 , 19, 865-84	6
1067	Dimerization of the interferon type I receptor IFN α 2-2 is sufficient for induction of interferon effector genes but not for full antiviral activity. 1999 , 274, 34838-45	21
1066	Induction of beta-R1/I-TAC by interferon-beta requires catalytically active TYK2. 1999 , 274, 1891-7	27
1065	STAT3 activation in stromal/osteoblastic cells is required for induction of the receptor activator of NF-kappaB ligand and stimulation of osteoclastogenesis by gp130-utilizing cytokines or interleukin-1 but not 1,25-dihydroxyvitamin D3 or parathyroid hormone. 1999 , 274, 19301-8	241
1064	p38-dependent activation of interferon regulatory factor 3 by lipopolysaccharide. 1999 , 274, 35535-8	98
1063	Interferon regulatory factor 1 mediates the interferon-gamma induction of the human immunoproteasome subunit multicatalytic endopeptidase complex-like 1. 1999 , 274, 35196-202	37
1062	Activation of a CrkL-stat5 signaling complex by type I interferons. 1999 , 274, 571-3	105
1061	Targeting Janus kinase 3 in mast cells prevents immediate hypersensitivity reactions and anaphylaxis. 1999 , 274, 27028-38	52
1060	Interferon-gamma-mediated inhibition of cyclin A gene transcription is independent of individual cis-acting elements in the cyclin A promoter. 1999 , 274, 12139-46	33
1059	Intermolecular interactions of the p85alpha regulatory subunit of phosphatidylinositol 3-kinase. 1999 , 274, 12323-32	42

1058	Urokinase induces activation and formation of Stat4 and Stat1-Stat2 complexes in human vascular smooth muscle cells. 1999 , 274, 24059-65	33
1057	p48 (ISGF-3gamma) is involved in interferon-alpha-induced suppression of hepatitis B virus enhancer-1 activity. 1999 , 274, 28075-8	26
1056	Role of interferon regulatory factor-1 and mitogen-activated protein kinase pathways in the induction of nitric oxide synthase-2 in retinal pigmented epithelial cells. 1999 , 274, 4794-800	43
1055	A functional DNA binding domain is required for growth hormone-induced nuclear accumulation of Stat5B. 1999 , 274, 5138-45	69
1054	Prolactin involvement in breast cancer. 1999 , 6, 389-404	98
1053	Functional roles of STAT family proteins: lessons from knockout mice. 1999 , 17, 138-46	269
1052	Suppression of p53-mediated growth factor withdrawal-induced apoptosis in the myeloid compartment by hematopoietic cytokines: an overview of hematopoiesis and apoptosis with a presentation of thrombopoietin and the M07E cell line as a model system. 1999 , 31, 169-91	9
1051	Caco-2 cell differentiation is associated with a decrease in stat protein levels and binding. 1999 , 3, 200-7	11
1050	Biologic functions of the IFN-gamma receptors. 1999 , 54, 1233-51	118
1049	STAT6 deficiency in a mouse model of allergen-induced airways inflammation abolishes eosinophilia but induces infiltration of CD8+ T cells. 1999 , 29, 114-23	60
1048	Interleukin-4-mediated inhibition of nitric oxide production in interferon-gamma-treated and virus-infected macrophages. 1999 , 49, 169-76	33
1047	Regulation of complement factor H in a human liver cell line by interferon-gamma. 1999 , 49, 487-94	16
1046	Effects of interferon alpha-2b on barrier function and junctional complexes of renal proximal tubular LLC-PK1 cells. 1999 , 55, 2178-91	24
1045	Peptide conjugates as tools for the study of biological signal transduction. 1999 , 7, 193-224	29
1044	Cardiac hypertrophy: signal transduction, transcriptional adaptation, and altered growth control. 1999 , 874, 1-10	17
1043	Jeg-3 human choriocarcinoma-induced immunosuppression: downregulation of interleukin-2, interleukin-2 receptor alpha-chain, and its Jak/Stat signaling pathway. 1999 , 41, 61-9	8
1042	Angiotensin II receptor pharmacology and AT1-receptor blockers. 1999 , 13 Suppl 1, S11-20; discussion S33-4	29
1041	JEM-1, a novel nuclear co-factor: localisation and functional interaction with AP-1. 1999 , 13, 1982-92	15

1040	Binding of c-Rel to STAT5 target sequences in HTLV-I-transformed T cells. 1999 , 18, 1401-9	15
1039	IL-3 dependent regulation of Bcl-xL gene expression by STAT5 in a bone marrow derived cell line. 1999 , 18, 4191-9	135
1038	The human papilloma virus (HPV)-18 E6 oncoprotein physically associates with Tyk2 and impairs Jak-STAT activation by interferon-alpha. 1999 , 18, 5727-37	219
1037	The induction and activation of STAT1 by all-trans-retinoic acid are mediated by RAR beta signaling pathways in breast cancer cells. 1999 , 18, 6725-32	28
1036	Butyrate augments interferon-alpha-induced S phase accumulation and persistent tyrosine phosphorylation of cdc2 in K562 cells. 1999 , 79, 1018-24	4
1035	Transforming growth factor-alpha acting at the epidermal growth factor receptor reduces infarct volume after permanent middle cerebral artery occlusion in rats. 1999 , 19, 128-32	46
1034	The interferon-inducible 204 gene, a member of the Ifi 200 family, is not involved in the antiviral state induction by IFN-alpha, but is required by the mouse cytomegalovirus for its replication. 1999 , 262, 1-8	28
1033	Dextran sulfate inhibits IFN-gamma-induced Jak-Stat pathway in human vascular endothelial cells. 1999 , 192, 140-8	8
1032	Interferon-alpha induction of STATs1, -3 DNA binding and growth arrest is independent of Lck and active mitogen-activated kinase in T cells. 1999 , 192, 133-9	12
1031	Prolactin and mammary gland development. 1999 , 4, 79-88	88
1030	Role of Angiotensin II in Hypertension-Induced Cardiac Hypertrophy and Failure. 1999 , 3, 159-168	2
1029	Oligodendroglial response to the immune cytokine interferon gamma. 1999 , 24, 331-8	50
1028	Characterization of a soluble ternary complex formed between human interferon-beta-1a and its receptor chains. 1999 , 8, 1867-77	28
1027	Biology of BCR-ABL. 1999 , 13, 211-29	40
1026	STAT5 as a molecular regulator of proliferation, differentiation and apoptosis in hematopoietic cells. 1999 , 18, 4754-65	422
1025	Protein tyrosine kinase Pyk2 mediates the Jak-dependent activation of MAPK and Stat1 in IFN-gamma, but not IFN-alpha, signaling. 1999 , 18, 2480-8	124
1024	Expression of milk protein genes is induced directly by exogenous STAT5 without prolactin-mediated signal transduction in transgenic mice. 1999 , 54, 121-5	5
1023	Triggering the interferon response: the role of IRF-3 transcription factor. 1999 , 19, 1-13	187

1022	Characterization of the mouse proteasome regulator PA28b gene. 1999 , 49, 149-57	8
1021	Introduction: STATs as essential intracellular mediators of cytokine responses. 1999 , 55, 1505-8	17
1020	Interferons as a paradigm for cytokine signal transduction. 1999 , 55, 1509-22	45
1019	The Janus kinase family of protein tyrosine kinases and their role in signaling. 1999 , 55, 1523-34	105
1018	Negative regulators of cytokine signal transduction. 1999 , 55, 1568-77	175
1017	The 8th International Rheumatology Symposium in Tokyo Frontiers of Rheumatology. 1999 , 9, 283-310	
1016	The positive and negative control actions of PTPase on IL-2 signaling. 1999 , 42, 614-20	1
1015	Cloning of human cytokine signal transduction inhibitor gene humSOCS-2. 1999 , 44, 799-804	
1014	Interferon-gamma and lipopolysaccharide induce mouse guanylate-binding protein 3 (mGBP3) expression in the murine macrophage cell line RAW264.7. 1999 , 22, 130-6	8
1013	Altered gene expression during hypoxia and reoxygenation of the heart. 1999 , 83, 21-37	35
1012	Interferons enhance HLA-G mRNA and protein in transfected mouse fibroblasts. 1999 , 42, 1-15	40
1011	The immunohistochemical localization of the interferon-gamma and granulocyte colony-stimulating factor receptors during early amelogenesis in rat molars. 1999 , 44, 173-81	3
1010	Effects of interferons on proliferation and collagen synthesis of rat palatal wound fibroblasts. 1999 , 44, 541-7	20
1009	Characterization of receptors for ciliary neurotrophic factor on rat hippocampal astrocytes. 1999 , 818, 236-51	9
1008	The STAT family of proteins in cytokine signaling. 1999 , 71, 405-22	62
1007	Distinct actions of interleukin-9 and interleukin-4 on a hematopoietic stem cell line, EMLC1. 1999 , 27, 139-46	5
1006	CrkL and CrkII participate in the generation of the growth inhibitory effects of interferons on primary hematopoietic progenitors. 1999 , 27, 1315-21	50
1005	Interferon-gamma elicits a G-protein-dependent Ca ²⁺ signal in human neutrophils after depletion of intracellular Ca ²⁺ stores. 1999 , 11, 101-10	19

1004	Prolactin-independent modulation of the beta-casein response element by Erk2 MAP kinase. 1999 , 11, 205-10	11
1003	Potent inhibitory ligands of the GRB2 SH2 domain from recombinant peptide libraries. 1999 , 11, 453-64	23
1002	Dynamic redistribution of STAT1 protein in IFN signaling visualized by GFP fusion proteins. 1999 , 260, 137-44	55
1001	Interferon-induced antiviral resistance. A mathematical model of regulation of Mx1 protein induction and action. 1999 , 198, 375-93	4
1000	Characterization of the effects of hepatitis C virus nonstructural 5A protein expression in human cell lines and on interferon-sensitive virus replication. 1999 , 29, 1262-71	132
999	Interferon alfa receptor expression and growth inhibition by interferon alfa in human liver cancer cell lines. 1999 , 29, 1708-17	125
998	Gamma interferon induces expression of Mad1 gene in macrophage, which inhibits colony-stimulating factor-1-dependent mitogenesis. 1999 , 72, 232-241	7
997	Transcriptional inhibition of stromelysin by interferon-gamma in normal human fibroblasts is mediated by the AP-1 domain. 1999 , 72, 373-86	19
996	Induction of transcription factor interferon regulatory factor-1 by interferon-[[IFN]] and tumor necrosis factor-[[TNF]] in FRTL-5 cells. 1999 , 74, 211-219	20
995	Negative modulation of alpha1(I) procollagen gene expression in human skin fibroblasts: transcriptional inhibition by interferon-gamma. 1999 , 179, 97-108	50
994	Expression of CNTF/LIF-receptor components and activation of STAT3 signaling in axotomized facial motoneurons: evidence for a sequential postlesional function of the cytokines. 1999 , 41, 559-71	49
993	Different regulatory pathways employed in cytokine-enhanced expression of secretory component and epithelial HLA class I genes. 1999 , 29, 168-79	35
992	Molecular cloning of a macrophage-derived, interferon-inducible secreted immunoglobulin-binding protein. 1999 , 29, 1504-12	2
991	Leishmania-induced increases in activation of macrophage SHP-1 tyrosine phosphatase are associated with impaired IFN-gamma-triggered JAK2 activation. 1999 , 29, 3737-44	141
990	Mapping and identification of interferon gamma-regulated HeLa cell proteins separated by immobilized pH gradient two-dimensional gel electrophoresis. 1999 , 20, 984-93	45
989	Zebrafish stat3 is expressed in restricted tissues during embryogenesis and stat1 rescues cytokine signaling in a STAT1-deficient human cell line. 1999 , 215, 352-70	94
988	Natural killer cells in antiviral defense: function and regulation by innate cytokines. 1999 , 17, 189-220	1718
987	Les leishmanioses: un mod�le d'�tude des interactions h�te-parasite; implications pour la maladie humaine. 1999 , 10, 67-80	2

986	Involvement of receptor-bound protein methyltransferase PRMT1 in antiviral and antiproliferative effects of type I interferons. 1999 , 19, 189-95	40
985	In vitro and in vivo expression analysis of the interferon-inducible 203 gene. 1999 , 19, 129-36	11
984	STAT5 interaction with the T cell receptor complex and stimulation of T cell proliferation. <i>Science</i> , 1999 , 283, 222-5	33:3 114
983	Molecular Events in Growth Hormone Receptor Interaction and Signaling. 1999 , 445-480	3
982	A nuclear protein tyrosine phosphatase is required for the inactivation of Stat1. 1999 , 96, 10188-93	176
981	The role of STAT3 in granulocyte colony-stimulating factor-induced enhancement of neutrophilic differentiation of Me2SO-treated HL-60 cells. GM-CSF inhibits the nuclear translocation of tyrosine-phosphorylated STAT3. 1999 , 274, 15575-81	18
980	Differential regulation of nitric oxide synthase-II mRNA by growth factors in rat, bovine, and human retinal pigmented epithelial cells. 1999 , 7, 27-34	9
979	Differential ability of SOCS proteins to regulate IL-6 and CSF-1 induced macrophage differentiation. 1999 , 16, 305-14	13
978	The tumor microenvironment as a determinant of drug response and resistance. 1999 , 2, 285-288	67
977	The growth hormone receptor associates with Jak1, Jak2 and Tyk2 in human liver. 1999 , 9, 212-8	12
976	Biologic and binding activities of IFN-alpha subtypes in ACHN human renal cell carcinoma cells and Daudi Burkitt's lymphoma cells. 1999 , 19, 1343-9	26
975	Interleukin-7: physiological roles and mechanisms of action. 1999 , 10, 41-60	213
974	Stat5a and Stat5b: fraternal twins of signal transduction and transcriptional activation. 1999 , 10, 131-57	182
973	Constitutive activation of Stat3 signaling confers resistance to apoptosis in human U266 myeloma cells. 1999 , 10, 105-15	1403
972	Stat5 is required for IL-2-induced cell cycle progression of peripheral T cells. 1999 , 10, 249-59	482
971	JNK2 and IKKbeta are required for activating the innate response to viral infection. 1999 , 11, 721-31	342
970	Signal transduction of the growth hormone (GH) receptor, and GH-binding protein. 1999 , 9 Suppl A, 51-5	10
969	Evidence for IRF-1-dependent gene expression deficiency in interferon unresponsive HepG2 cells. 1999 , 1451, 59-72	26

968	The Drosophila STAM gene homolog is in a tight gene cluster, and its expression correlates to that of the adjacent gene ial. 1999 , 231, 173-86	30
967	Interferon regulatory factors: the next generation. 1999 , 237, 1-14	454
966	Transcriptional induction of p69 2'-5'-oligoadenylate synthetase by interferon-alpha is stimulated by 12-O-tetradecanoyl phorbol-13-acetate through IRF/ISRE binding motifs. 1999 , 237, 177-84	5
965	The first exon of the human sc gene contains an androgen responsive unit and an interferon regulatory factor element. 1999 , 153, 91-102	36
964	SOCS-1, -2, -3: selective targets and functions downstream of the prolactin receptor. 1999 , 158, 45-54	54
963	A candidate interferon-gamma activated site (GAS element) in the HLA-G promoter does not bind nuclear proteins. 1999 , 60, 1113-8	24
962	Suppression of interferon response gene expression in cells persistently infected with mumps virus, and restoration from its suppression by treatment with ribavirin. 1999 , 65, 175-85	37
961	Detection of intracellular phosphorylated STAT-1 by flow cytometry. 1999 , 90, 425-30	107
960	The human papillomavirus E7 oncoprotein abrogates signaling mediated by interferon-alpha. 1999 , 259, 305-13	201
959	Advances in cytokine signaling: the role of Jaks and STATs. 1999 , 31, 1482-7	9
958	Janus kinases and their role in growth and disease. 1999 , 64, 2173-86	57
957	Evaluation of the somatogenic activity of bovine placental lactogen with cell lines transfected with the bovine somatotropin receptor. 1999 , 65, 2755-67	3
956	Tyrosine kinase-dependent modulation by interferon-alpha of the ATP-sensitive K ⁺ current in rabbit ventricular myocytes. 1999 , 445, 87-91	7
955	Defective binding of IRFs to the initiator element of interleukin-1beta-converting enzyme (ICE) promoter in an interferon-resistant Daudi subline. 1999 , 450, 263-7	13
954	Knockout of the Sendai virus C gene eliminates the viral ability to prevent the interferon-alpha/beta-mediated responses. 1999 , 459, 205-10	112
953	Loss of STAT1 expression confers resistance to IFN-gamma-induced apoptosis in ME180 cells. 1999 , 459, 323-6	35
952	Insulin selectively activates STAT5b, but not STAT5a, via a JAK2-independent signalling pathway in Kym-1 rhabdomyosarcoma cells. 1999 , 464, 159-63	27
951	SOCS1 is a critical inhibitor of interferon gamma signaling and prevents the potentially fatal neonatal actions of this cytokine. 1999 , 98, 597-608	643

950	Therapeutic strategies in multiple sclerosis. I. Immunotherapy. 1999 , 354, 1697-710	15
949	The Jak-STAT pathway: cytokine signalling from the receptor to the nucleus. 1999 , 19, 75-120	192
948	T helper differentiation proceeds through Stat1-dependent, Stat4-dependent and Stat4-independent phases. 1999 , 238, 13-26	67
947	The type I interferon receptor: structure, function, and evolution of a family business. 1999 , 19, 1069-98	204
946	Transcriptional regulation of T lymphocyte development and function. 1999 , 17, 149-87	244
945	The STAR protein, GLD-1, is a translational regulator of sexual identity in <i>Caenorhabditis elegans</i> . 1999 , 18, 258-69	194
944	Crystal structure of an IRF-DNA complex reveals novel DNA recognition and cooperative binding to a tandem repeat of core sequences. 1999 , 18, 5028-41	171
943	Growth hormone therapy for heart failure: swimming against the stream. 1999 , 5, 269-75	15
942	Viral inhibition of interferon signal transduction. 1999 , 42, 325-30	54
941	Transcriptional induction of the p69 isoform of 2',5'-oligoadenylate synthetase by interferon-beta and interferon-gamma involves three regulatory elements and interferon-stimulated gene factor 3. 1999 , 246, 138-47	25
940	Isolation and functional characterization of the human 90K promoter. 1999 , 57, 268-78	11
939	Outer membrane vesicles of <i>Porphyromonas gingivalis</i> inhibit IFN-gamma-mediated MHC class II expression by human vascular endothelial cells. 1999 , 27, 81-91	32
938	Formation of a uniquely stable type I interferon receptor complex by interferon beta is dependent upon particular interactions between interferon beta and its receptor and independent of tyrosine phosphorylation. 1999 , 255, 539-44	39
937	Tyrosine phosphorylation of STAT3 by leptin through leptin receptor in mouse metaphase 2 stage oocyte. 1999 , 256, 480-4	81
936	Physical interaction between interleukin-12 receptor beta 2 subunit and Jak2 tyrosine kinase: Jak2 associates with cytoplasmic membrane-proximal region of interleukin-12 receptor beta 2 via amino-terminus. 1999 , 257, 400-4	12
935	Molecular basis underlying functional pleiotropy of cytokines and growth factors. 1999 , 260, 303-8	38
934	Molecular cloning and characterization of a surface antigen preferentially overexpressed on multiple myeloma cells. 1999 , 258, 583-91	176
933	EGF-induced activation of Stat1, Stat3, and Stat5b is unrelated to the stimulation of DNA synthesis in cultured hepatocytes. 1999 , 258, 565-71	17

932	Transcriptional suppression of rat angiotensin AT1a receptor gene expression by interferon-gamma in vascular smooth muscle cells. 1999 , 262, 494-8	23
931	STAT 1alpha/1beta, STAT 3 and STAT 5: expression and association with c-MET and EGF-receptor in long-term cultures of human hepatocytes. 1999 , 265, 376-81	26
930	Ciliary neurotrophic factor and phorbol ester each decrease selected STAT3 pools in neuroblastoma cells by proteasome-dependent mechanisms. 1999 , 11, 192-9	17
929	Protein synthesis-dependent and -independent induction of p69 2'-5'-oligoadenylate synthetase by interferon-alpha. 1999 , 11, 744-50	7
928	Identification and partial characterization of FRAG-6, a novel interferon-stimulated gene that is expressed in an IRF-1-INDEPENDENT manner. 1999 , 11, 813-21	2
927	Suppression of SHP-2 and ERK signalling promotes self-renewal of mouse embryonic stem cells. 1999 , 210, 30-43	464
926	Type 1 iodothyronine deiodinase in heart --effects of triiodothyronine and angiotensin II on its activity and mRNA in cultured rat myocytes. 1999 , 46, 621-8	7
925	Salicylate-enhanced activation of transcription factors induced by interferon- γ 1999 , 342, 503	7
924	Salicylate-enhanced activation of transcription factors induced by interferon- γ 1999 , 342, 503-507	15
923	Interferon- β -dependent stimulation of human involucrin gene expression: STAT1 (signal transduction and activators of transcription 1) protein activates involucrin promoter activity. 1999 , 344, 797-802	17
922	Interferon- β -dependent stimulation of human involucrin gene expression: STAT1 (signal transduction and activators of transcription 1) protein activates involucrin promoter activity. 1999 , 344, 797	6
921	Cellular physiology of STAT3: Where's the cytoplasmic monomer?. 1999 , 274, 25499-509	137
920	Regulation of intercellular adhesion molecule-1 (CD54) gene expression. 1999 , 66, 876-88	418
919	Shp-2 tyrosine phosphatase functions as a negative regulator of the interferon-stimulated Jak/STAT pathway. 1999 , 19, 2416-24	294
918	Distinct mechanisms of activation of Stat1 and Stat3 by platelet-derived growth factor receptor in a cell-free system. 1999 , 19, 3727-35	47
917	Structural and functional analysis of interferon regulatory factor 3: localization of the transactivation and autoinhibitory domains. 1999 , 19, 2465-74	267
916	Mutant cells that do not respond to interleukin-1 (IL-1) reveal a novel role for IL-1 receptor-associated kinase. 1999 , 19, 4643-52	201
915	Engagement of the cellular receptor for glycoprotein B of human cytomegalovirus activates the interferon-responsive pathway. 1999 , 19, 3607-13	180

914	A single amino acid substitution (Trp(666)-->Ala) in the interbox1/2 region of the interleukin-6 signal transducer gp130 abrogates binding of JAK1, and dominantly impairs signal transduction. 2000 , 349, 261-6	15
913	A single amino acid substitution (Trp666->Ala) in the interbox1/2 region of the interleukin-6 signal transducer gp130 abrogates binding of JAK1, and dominantly impairs signal transduction. 2000 , 349, 261-266	20
912	Bradykinin activates the Janus-activated kinase/signal transducers and activators of transcription (JAK/STAT) pathway in vascular endothelial cells: localization of JAK/STAT signalling proteins in plasmalemmal caveolae. 2000 , 351, 257-264	77
911	Bradykinin activates the Janus-activated kinase/signal transducers and activators of transcription (JAK/STAT) pathway in vascular endothelial cells: localization of JAK/STAT signalling proteins in plasmalemmal caveolae. 2000 , 351, 257-64	44
910	Mumps virus can suppress the effective augmentation of HPC-induced apoptosis by IFN-gamma through disruption of IFN signaling in U937 cells. 2000 , 44, 537-41	14
909	Differential regulation of TSG-14 expression in murine fibroblasts and peritoneal macrophages. 2000 , 67, 387-95	53
908	Analysis of interferon-gamma-dependent and -independent pathways of macrophage activation. 2000 , 67, 677-82	40
907	Synergistic action of pro-inflammatory agents: cellular and molecular aspects. 2000 , 67, 18-25	143
906	Measurement of KIT ligand/stem cell factor: clinical and biochemical significance. 2000 , 7, 133-42	13
905	Role of aromatase in sex steroid action. 2000 , 25, 149-56	107
904	Analyses of virus-induced homomeric and heteromeric protein associations between IRF-3 and coactivator CBP/p300. 2000 , 128, 301-7	66
903	All-trans-retinoic acid and polyriboinosinoic:polyribocytidylic acid cooperate to elevate anti-tetanus immunoglobulin G and immunoglobulin M responses in vitamin A-deficient lewis rats and Balb/c mice. 2000 , 59, 519-29	8
902	STAT3 mediates IL-6-induced growth inhibition in the human prostate cancer cell line LNCaP. 2000 , 42, 88-98	104
901	STAT3 mediates IL-6-induced neuroendocrine differentiation in prostate cancer cells. 2000 , 42, 186-95	140
900	Role of a serine/threonine kinase, Mst1, in megakaryocyte differentiation. 2000 , 76, 44-60	10
899	Interruption of NFkappaB-STAT1 signaling mediates EGF-induced cell-cycle arrest. 2000 , 184, 131-7	22
898	Activation of the JAK/STAT pathway following transient focal cerebral ischemia: signaling through Jak1 and Stat3 in astrocytes. 2000 , 30, 253-70	165
897	Expression of Suppressor of cytokine signalling (SOCS) genes in the developing and adult mouse nervous system. 2000 , 423, 348-358	62

896	The human interferon alpha species and receptors. 2000 , 55, 254-87	102
895	Expression levels of gp130 in bone marrow stromal cells determine the magnitude of osteoclastogenic signals generated by IL-6-type cytokines. 2000 , 79, 532-41	35
894	A comprehensive characterization of the T-cell antigen receptor complex composition by microcapillary liquid chromatography-tandem mass spectrometry. 2000 , 21, 2180-95	19
893	Stimulation of 92-kd gelatinase (matrix metalloproteinase 9) production by interleukin-17 in human monocyte/macrophages: a possible role in rheumatoid arthritis. 2000 , 43, 1134-44	147
892	Antigen receptor signal transduction: activating and inhibitory antigen receptors regulate STAT1 serine phosphorylation. 2000 , 30, 1851-60	16
891	Immediate early gene expression in PC12 cells exposed to lead: requirement for protein kinase C. 2000 , 74, 1140-6	39
890	Activated STAT1 suppresses proliferation of cultured rat mesangial cells. 2000 , 57, 2249-57	9
889	Lack of interferon-alpha-induced tyrosine phosphorylation of Vav proto-oncogene in patients with myelofibrosis with myeloid metaplasia. 2000 , 110, 362-9	2
888	Redundancy or cell-type-specific regulation? Tumour necrosis factor in alveolar macrophages and mast cells. 2000 , 99, 427-34	19
887	Human herpes virus 8 interleukin-6 homologue triggers gp130 on neuronal and hematopoietic cells. 2000 , 267, 3604-12	42
886	Chemokines and chemokine receptors in inflammation of the nervous system: manifold roles and exquisite regulation. 2000 , 177, 52-67	210
885	Macrophage activation by antiviral acyclic nucleoside phosphonates in dependence on priming immune stimuli. 2000 , 22, 1121-9	16
884	Epidermal growth factor receptor--mediated stat3 signaling blocks apoptosis in head and neck cancer. 2000 , 110, 868-74	82
883	Anti-inflammatory action of type I interferons deduced from mice expressing interferon beta. 2000 , 7, 817-25	17
882	Serine/threonine phosphorylation in cytokine signal transduction. 2000 , 14, 9-21	174
881	Constitutive activation of FLT3 stimulates multiple intracellular signal transducers and results in transformation. 2000 , 14, 1766-76	173
880	p95(vav) associates with the type I interferon (IFN) receptor and contributes to the antiproliferative effect of IFN-alpha in megakaryocytic cell lines. 2000 , 19, 387-94	28
879	Prolactin gene-disruption arrests mammary gland development and retards T-antigen-induced tumor growth. 2000 , 19, 1077-84	86

878	An IFN regulatory factor-2 DNA-binding domain dominant negative mutant exhibits altered cell growth and gene expression. 2000 , 19, 1411-8	6
877	The role of STATs in transcriptional control and their impact on cellular function. 2000 , 19, 2468-73	996
876	Modulation of STAT signaling by STAT-interacting proteins. 2000 , 19, 2638-44	299
875	Complex roles of Stat1 in regulating gene expression. 2000 , 19, 2619-27	237
874	STATs in oncogenesis. 2000 , 19, 2474-88	1747
873	Activation of Stat3 preassembled with platelet-derived growth factor beta receptors requires Src kinase activity. 2000 , 19, 2075-85	94
872	Pharmaceutical intervention in the JAK/STAT signaling pathway. 2000 , 19, 2645-56	77
871	Roles of STAT3 in mediating the cell growth, differentiation and survival signals relayed through the IL-6 family of cytokine receptors. 2000 , 19, 2548-56	952
870	IFN-beta induces serine phosphorylation of Stat-1 in Ewing's sarcoma cells and mediates apoptosis via induction of IRF-1 and activation of caspase-7. 2000 , 19, 3372-83	106
869	The JAK-inhibitor, JAB/SOCS-1 selectively inhibits cytokine-induced, but not v-Src induced JAK-STAT activation. 2000 , 19, 4795-801	33
868	Janus kinases: components of multiple signaling pathways. 2000 , 19, 5662-79	366
867	Unusual interleukin-4 and -13 signaling in human normal and tumor lung fibroblasts. 2000 , 19, 5898-905	32
866	Induction of p21WAF1/CIP1 and cyclin D1 expression by the Src oncoprotein in mouse fibroblasts: role of activated STAT3 signaling. 2000 , 19, 5419-27	251
865	Functional interaction between p53 and the interferon-inducible nucleoprotein IFI 16. 2000 , 19, 6033-42	88
864	STAT proteins: novel molecular targets for cancer drug discovery. 2000 , 19, 6613-26	528
863	Hepatitis C virus and interferon resistance. 2000 , 2, 1743-56	37
862	Protein phosphorylation cascades associated with methamphetamine-induced glial activation. 2000 , 914, 238-62	75
861	Biphasic effect of UVA radiation on STAT1 activity and tyrosine phosphorylation in cultured human keratinocytes. 2000 , 28, 1430-7	40

860	Interleukin-1beta induction of the chemokine RANTES promoter in the human astrocytoma line CH235 requires both constitutive and inducible transcription factors. 2000 , 105, 78-90	37
859	Loss of interferon alpha and interferon tau-induced antiviral protection in interferon regulatory factor-2 DNA-binding domain dominant negative mutants. 2000 , 46, 207-13	2
858	Functional interleukin 4 receptor and interleukin 2 receptor common gamma-chain on human non-small cell lung cancers: novel targets for immune therapy. 2000 , 119, 10-20	7
857	Biochemical and cellular effects of c-Src kinase-selective pyrido[2, 3-d]pyrimidine tyrosine kinase inhibitors. 2000 , 60, 885-98	127
856	Nuclear tyrosine phosphorylation: the beginning of a map. 2000 , 60, 1203-15	43
855	Screening of an oligopeptide antagonist for interleukin-6 from a random phage library. 2000 , 22, 1015-1020	4
854	Angiotensin II induces gene transcription through cell-type-dependent effects on the nuclear factor- B (NF- B) transcription factor. 2000 , 212, 155-169	126
853	The role of Jak/STAT signaling in heart tissue renin-angiotensin system. 2000 , 212, 171-175	35
852	MHC Class I Subversive Gene Functions of Cytomegalovirus and their Regulation by Interferons In Intricate Balance. 2000 , 21, 39-47	16
851	Biology of aromatase in the mammary gland. 2000 , 5, 251-8	22
850	Leptin signal transduction in the HP75 human pituitary cell line. 2000 , 3, 211-20	18
849	Mouse adenovirus type 1 replication in vitro is resistant to interferon. 2000 , 274, 213-9	14
848	STAT3 regulates the growth and immunoglobulin production of BCL(1) B cell lymphoma through control of cell cycle progression. 2000 , 202, 124-35	21
847	Growth hormone in the brain: characteristics of specific brain targets for the hormone and their functional significance. 2000 , 21, 330-48	174
846	The interferon regulatory factors and oncogenesis. 2000 , 10, 73-81	67
845	Molecular characterization of STAT5A- and STAT5B-encoding genes reveals extended intragenic sequence homogeneity in cattle and mouse and different degrees of divergent evolution of various domains. 2000 , 50, 550-61	27
844	Regulation and role of the acid-labile subunit of the 150-kilodalton insulin-like growth factor complex in the mouse. 2000 , 14, 562-6	13
843	Role of the tyrosine kinase JAK2 in signal transduction by growth hormone. 2000 , 14, 550-7	46

842	The role of STAT proteins in growth hormone signaling. 2000 , 19, 2585-97	222
841	How Stat1 mediates constitutive gene expression: a complex of unphosphorylated Stat1 and IRF1 supports transcription of the LMP2 gene. 2000 , 19, 4111-22	269
840	A small amphipathic alpha-helical region is required for transcriptional activities and proteasome-dependent turnover of the tyrosine-phosphorylated Stat5. 2000 , 19, 392-9	100
839	Interleukin-6 regulation of kappa opioid receptor gene expression in primary sertoli cells. 2000 , 13, 11-5	13
838	Cloning and analysis of a murine PIAS family member, PIASgamma, in developing skin and neurons. 2000 , 14, 107-21	11
837	Systematic mutational mapping of sites on human interferon-beta-1a that are important for receptor binding and functional activity. 2000 , 39, 2538-51	76
836	Hepatitis C virus: evasion of the interferon-induced antiviral response. 2000 , 78, 182-90	14
835	The activation of intracellular tyrosine kinases by interferon-alpha (IFNalpha) correlates with its antiproliferative activity in B-lymphoid cell lines, but not in B-cell chronic lymphocytic leukemia patients. 2000 , 79, 119-26	
834	Gene structure and function of the 2'-5'-oligoadenylate synthetase family. 2000 , 57, 1593-612	153
833	Nucleocytoplasmic shuttling of transcription factors. 2000 , 57, 1193-206	42
832	The Jak-Stat pathway in normal and perturbed hematopoiesis. 2000 , 95, 19-29	247
831	Hematopoietic-specific expression of MEFV, the gene mutated in familial Mediterranean fever, and subcellular localization of its corresponding protein, pyrin. 2000 , 95, 1451-1455	67
830	Transcriptional control of the human plasma membranephospholipid scramblase 1 gene is mediated by interferon- β . 2000 , 95, 2593-2599	74
829	Constitutive activation of LIL-Stat in adult T-cell leukemia cells. 2000 , 95, 2715-2718	6
828	SCF and G-CSF lead to the synergistic induction of proliferation and gene expression through complementary signaling pathways. 2000 , 96, 3422-3430	50
827	Constitutive activation of STAT3 is associated with the acquisition of an interleukin 6 independent phenotype by murine plasmacytomas and hybridomas. 2000 , 96, 3514-3521	37
826	Interferon- β directly represses megakaryopoiesis by inhibiting thrombopoietin-induced signaling through induction of SOCS-1. 2000 , 96, 2093-2099	117
825	Interferon β and interleukin 6 modulate the susceptibility of macrophages to human immunodeficiency virus type 1 infection. 2000 , 96, 3109-3117	35

824	IL-4 and IL-13 upregulate arginase I expression by cAMP and JAK/STAT6 pathways in vascular smooth muscle cells. 2000 , 279, C248-56	131
823	AP-1 and STAT mediate hyperoxia-induced gene transcription of heme oxygenase-1. 2000 , 279, L175-82	84
822	Inhibition of ornithine decarboxylase induces STAT3 tyrosine phosphorylation and DNA binding in IEC-6 cells. 2000 , 278, C331-5	22
821	Aminopeptidase-A. II. Genomic cloning and characterization of the rat promoter. 2000 , 278, R425-34	1
820	Retinoic acid and host-pathogen interactions: effects on inducible nitric oxide synthase in vivo. 2000 , 279, E1045-53	24
819	Expression of interferon regulatory factor 4 in chronic myeloid leukemia: correlation with response to interferon alfa therapy. 2000 , 18, 3331-8	41
818	Ciliary neurotrophic factor and stress stimuli activate the Jak-STAT pathway in retinal neurons and glia. 2000 , 20, 4081-90	217
817	Phosphorylation modulates the function of the vasoactive intestinal polypeptide receptor transcriptional repressor protein. 2000 , 275, 1176-82	4
816	Phosphorylation-deficient Stat1 inhibits retinoic acid-induced differentiation and cell cycle arrest in U-937 monoblasts. 2000 , 96, 2870-2878	49
815	Interferons and IRF-1 Induce Expression of the Survival Motor Neuron (SMN) Genes. 2000 , 6, 957-968	45
814	Activation of JAK/STAT pathway transduces cytoprotective signal in rat acute myocardial infarction. 2000 , 47, 797-805	168
813	Regulation of STAT1 nuclear export by Jak1. 2000 , 20, 7273-81	64
812	Interferon-tau modulates phorbol ester-induced production of prostaglandin and expression of cyclooxygenase-2 and phospholipase-A(2) from bovine endometrial cells. 2000 , 63, 417-24	52
811	Interaction of retinoic acid and interferon in renal cancer cell lines. 2000 , 20, 787-94	15
810	Activation of Stat3 in v-Src-transformed fibroblasts requires cooperation of Jak1 kinase activity. 2000 , 275, 24935-44	131
809	Role of the Stat4 N domain in receptor proximal tyrosine phosphorylation. 2000 , 20, 7121-31	45
808	Nucleocytoplasmic translocation of Stat1 is regulated by a leucine-rich export signal in the coiled-coil domain. 2000 , 97, 10418-23	138
807	Cytokine signaling through Stat3 activates integrins, promotes adhesion, and induces growth arrest in the myeloid cell line 32D. 2000 , 275, 26566-75	32

806	Interferon-gamma has dual potentials in inhibiting or promoting cell proliferation. 2000 , 275, 867-74	52
805	Cooperation among Stat1, glucocorticoid receptor, and PU.1 in transcriptional activation of the high-affinity Fc gamma receptor I in monocytes. 2000 , 164, 5689-97	69
804	IFN-gamma activates the C3G/Rap1 signaling pathway. 2000 , 164, 1800-6	62
803	Defective thymocyte development and perturbed homeostasis of T cells in STAT-induced STAT inhibitor-1/suppressors of cytokine signaling-1 transgenic mice. 2000 , 165, 1799-806	65
802	Impairment of STAT activation by IL-12 in a patient with atypical mycobacterial and staphylococcal infections. 2000 , 165, 4120-6	42
801	IFN-beta-1b inhibits IL-12 production in peripheral blood mononuclear cells in an IL-10-dependent mechanism: relevance to IFN-beta-1b therapeutic effects in multiple sclerosis. 2000 , 165, 548-57	88
800	IFN consensus sequence binding protein potentiates STAT1-dependent activation of IFNgamma-responsive promoters in macrophages. 2000 , 97, 91-6	66
799	Receptor for activated C-kinase (RACK-1), a WD motif-containing protein, specifically associates with the human type I IFN receptor. 2000 , 165, 5127-32	49
798	Impaired antiviral response and alpha/beta interferon induction in mice lacking beta interferon. 2000 , 74, 3404-9	149
797	Identification of critical residues required for suppressor of cytokine signaling (SOCS)-specific regulation of IL-4 signaling. 2000 ,	9
796	Interleukin-15 induces rapid tyrosine phosphorylation of STAT6 and the expression of interleukin-4 in mouse mast cells. 2000 , 275, 29331-7	51
795	A dual role for the kinase-like domain of the tyrosine kinase Tyk2 in interferon-alpha signaling. 2000 , 97, 8991-6	73
794	IFNalpha/beta promotes cell survival by activating NF-kappa B. 2000 , 97, 13631-6	126
793	A gain-of-function mutation in STAT6. 2000 , 275, 14255-9	49
792	A Stat1alpha factor regulates the expression of the human vimentin gene by IFN-gamma. 2000 , 20, 13-20	12
791	Constitutive activation of Stat3 signaling abrogates apoptosis in squamous cell carcinogenesis in vivo. 2000 , 97, 4227-32	519
790	Genomic views of the immune system*. 2000 , 18, 829-59	152
789	Interferon-gamma induces AT(2) receptor expression in fibroblasts by Jak/STAT pathway and interferon regulatory factor-1. 2000 , 86, 233-40	31

788	Retinoic acid and polyribinosinic acid act synergistically to enhance the antibody response to tetanus toxoid during vitamin A deficiency: possible involvement of interleukin-2 receptor-beta, signal transducer and activator of transcription-1, and interferon regulatory factor-1. 2000 , 182 Suppl 1, S29-36	20
787	DNA binding and transcription activation by chicken interferon regulatory factor-3 (chIRF-3). 2000 , 28, 4790-9	9
786	The tetracycline-responsive promoter contains functional interferon-inducible response elements. 2000 , 28, 1120-5	45
785	The Rac1/p38 mitogen-activated protein kinase pathway is required for interferon alpha-dependent transcriptional activation but not serine phosphorylation of Stat proteins. 2000 , 275, 27634-40	160
784	Protein-tyrosine phosphatase PTPepsilon C inhibits Jak-STAT signaling and differentiation induced by interleukin-6 and leukemia inhibitory factor in M1 leukemia cells. 2000 , 275, 28216-21	65
783	Hepatic growth hormone signaling in the late gestation fetal rat. 2000 , 141, 3527-33	15
782	Erythropoietin mimetic peptides and the future. 2000 , 15, 1274-7	20
781	Human papillomavirus type 16 E7 impairs the activation of the interferon regulatory factor-1. 2000 , 5, 661-6	52
780	Association of 2',5'-oligoadenylate synthetase with the prolactin (PRL) receptor: alteration in PRL-inducible stat1 (signal transducer and activator of transcription 1) signaling to the IRF-1 (interferon-regulatory factor 1) promoter. 2000 , 14, 295-306	16
779	Activation of cellular interferon-responsive genes after infection of human cells with herpes simplex virus type 1. 2000 , 81, 2215-2218	112
778	Different subcellular localizations for the related interferon-induced GTPases, MuGBP-1 and MuGBP-2: implications for different functions?. 2000 , 20, 991-1000	43
777	gp130-mediated signalling as a therapeutic target. 2000 , 4, 459-479	2
776	Upregulation and activation of Stat6 precede vascular smooth muscle cell proliferation in carotid artery injury model. 2000 , 20, 931-9	16
775	Ischemia-induced STAT-1 expression and activation play a critical role in cardiomyocyte apoptosis. 2000 , 275, 10002-8	166
774	Stat5a serine phosphorylation. Serine 779 is constitutively phosphorylated in the mammary gland, and serine 725 phosphorylation influences prolactin-stimulated in vitro DNA binding activity. 2000 , 275, 10247-55	61
773	Interleukin-4 mediates cell growth inhibition through activation of Stat1. 2000 , 275, 10212-7	27
772	Hierarchy of protein tyrosine kinases in interleukin-2 (IL-2) signaling: activation of syk depends on Jak3; however, neither Syk nor Lck is required for IL-2-mediated STAT activation. 2000 , 20, 4371-80	35
771	The receptor for advanced glycation end products is induced by the glycation products themselves and tumor necrosis factor-alpha through nuclear factor-kappa B, and by 17beta-estradiol through Sp-1 in human vascular endothelial cells. 2000 , 275, 25781-90	322

770	Urokinase stimulates human vascular smooth muscle cell migration via a phosphatidylinositol 3-kinase-Tyk2 interaction. 2000 , 275, 39466-73	62
769	Role of STAT4 and STAT6 signaling in allograft rejection and CTLA4-Ig-mediated tolerance. 2000 , 165, 5580-7	37
768	Regulated nuclear-cytoplasmic localization of interferon regulatory factor 3, a subunit of double-stranded RNA-activated factor 1. 2000 , 20, 4159-68	172
767	Constitutive activation of STAT5 by a point mutation in the SH2 domain. 2000 , 275, 24407-13	74
766	Interferon-tau and progesterone regulate ubiquitin cross-reactive protein expression in the ovine uterus. 2000 , 62, 622-7	68
765	Interleukin-4/STAT6 represses STAT1 and NF-kappa B-dependent transcription through distinct mechanisms. 2000 , 275, 38095-103	83
764	Transcriptional regulation of the MHC II gene DRA in untransformed human thyrocytes. 2000 , 12, 405-13	5
763	Inhibition of p300 histone acetyltransferase by viral interferon regulatory factor. 2000 , 20, 8254-63	121
762	Distinct mechanisms of STAT phosphorylation via the interferon-alpha/beta receptor. Selective inhibition of STAT3 and STAT5 by piceatannol. 2000 , 275, 12661-6	101
761	Inhibition of IFN-gamma-induced janus kinase-1-STAT1 activation in macrophages by vasoactive intestinal peptide and pituitary adenylate cyclase-activating polypeptide. 2000 , 165, 3051-7	74
760	IFN regulatory factor-1-mediated transcriptional activation of mouse STAT-induced STAT inhibitor-1 gene promoter by IFN-gamma. 2000 , 164, 5833-43	79
759	Microarray analysis identifies interferon-inducible genes and Stat-1 as major transcriptional targets of human papillomavirus type 31. 2000 , 74, 4174-82	232
758	Selective DNA binding and association with the CREB binding protein coactivator contribute to differential activation of alpha/beta interferon genes by interferon regulatory factors 3 and 7. 2000 , 20, 6342-53	236
757	Augmentation of nitric oxide production by gamma interferon in a mouse vascular endothelial cell line and its modulation by tumor necrosis factor alpha and lipopolysaccharide. 2000 , 68, 6209-14	51
756	Multiple regulatory domains control IRF-7 activity in response to virus infection. 2000 , 275, 34320-7	189
755	Regulation of the Jak2 tyrosine kinase by its pseudokinase domain. 2000 , 20, 3387-95	273
754	Adhesion of monocyte very late antigen-4 to endothelial vascular cell adhesion molecule-1 induces interleukin-1beta-dependent expression of interleukin-6 in endothelial cells. 2000 , 20, 353-9	25
753	The coiled-coil domain of Stat3 is essential for its SH2 domain-mediated receptor binding and subsequent activation induced by epidermal growth factor and interleukin-6. 2000 , 20, 7132-9	96

752	Complex effects of naturally occurring mutations in the JAK3 pseudokinase domain: evidence for interactions between the kinase and pseudokinase domains. 2000 , 20, 947-56	117
751	Sensitivity to interferon-alpha and interferon-stimulated gene factor 3 binding activity in human chronic myelogenous leukemia cell line KT-1. 2000 , 104, 1-9	6
750	RaSH, a rapid subtraction hybridization approach for identifying and cloning differentially expressed genes. 2000 , 97, 12684-9	84
749	RNase-L-dependent destabilization of interferon-induced mRNAs. A role for the 2-5A system in attenuation of the interferon response. 2000 , 275, 8880-8	94
748	The BNIP-2 and Cdc42GAP homology domain of BNIP-2 mediates its homophilic association and heterophilic interaction with Cdc42GAP. 2000 , 275, 37742-51	38
747	Regulation of the promoter activity of interferon regulatory factor-7 gene. Activation by interferon and silencing by hypermethylation. 2000 , 275, 31805-12	128
746	A unique ISRE, in the TATA-less human Isg20 promoter, confers IRF-1-mediated responsiveness to both interferon type I and type II. 2000 , 28, 2333-41	59
745	Interferon-alpha signaling promotes nucleus-to-cytoplasmic redistribution of p95Vav, and formation of a multisubunit complex involving Vav, Ku80, and Tyk2. 2000 , 267, 692-6	24
744	Interleukin-4 mediates STAT6 activation in 3T3-L1 preadipocytes but not adipocytes. 2000 , 267, 516-20	11
743	Autocrine/Paracrine secretion of IL-6 family cytokines causes angiotensin II-induced delayed STAT3 activation. 2000 , 269, 798-802	49
742	Interferon-dependent activation of the serine kinase PI 3'-kinase requires engagement of the IRS pathway but not the Stat pathway. 2000 , 270, 158-62	62
741	A novel protein MAJN binds to Jak3 and inhibits apoptosis induced by IL-2 deprivation. 2000 , 270, 267-71	6
740	Protein inhibitor of activated STAT3 regulates androgen receptor signaling in prostate carcinoma cells. 2000 , 278, 9-13	65
739	Pseudoexons and regulatory elements in the genomic sequence of the beta-chemokine, alternative macrophage activation-associated CC-chemokine (AMAC)-1. 2000 , 12, 120-6	27
738	Synergism between interferon-gamma and cAMP in induction of hepatocyte growth factor in human skin fibroblasts. 2000 , 12, 780-5	6
737	Stimulatory and inhibitory action of cytokines on the regulation of hCMV-IE promoter activity in human endothelial cells. 2000 , 12, 1163-70	49
736	gp130-Dependent signalling pathway is not enhanced in gp130 transgenic heart after LIF stimulation. 2000 , 12, 1512-8	17
735	Defective keratocyte apoptosis in response to epithelial injury in stat 1 null mice. 2000 , 70, 485-91	19

734	Differential patterns of ERK and STAT3 phosphorylation after sciatic nerve transection in the rat. 2000 , 166, 392-402	135
733	Design, characterization, and structure of a biologically active single-chain mutant of human IFN-gamma. 2000 , 299, 169-79	29
732	Angiotensin blockade inhibits SIF DNA binding activities via STAT3 after myocardial infarction. 2000 , 32, 23-33	11
731	Signal transduction pathways in hyperoxia-induced lung cell death. 2000 , 71, 359-70	118
730	Cellular mechanisms of implantation in domestic farm animals. 2000 , 11, 93-104	40
729	Hyperactivation of the Drosophila Hop jak kinase causes the preferential overexpression of eIF1A transcripts in larval blood cells. 2000 , 244, 119-25	18
728	The Jak-STAT pathway. 2000 , 37, 1-11	462
727	Growth Hormone Permeability Across the Blood Spinal Cord and Brain Barriers and Its Therapeutic Potential in Trauma to the Spinal Cord. 2004 , 519-532	2
726	Cytokines and Inflammatory Response in the Fetus and Neonate. 2011 , 1652-1671	1
725	Prolactin. 2010 , 165-178	1
724	Cancer Immunology. 2014 , 78-97.e5	2
723	Receptor Transduction of Hormone Action. 2008 , 26-73	1
722	Cetuximab enhances oridonin-induced apoptosis through mitochondrial pathway and endoplasmic reticulum stress in laryngeal squamous cell carcinoma cells. 2020 , 67, 104885	4
721	Epidermal growth factor and lipopolysaccharide activate Stat3 transcription factor in mouse liver.. 1994 , 269, 21933-21935	109
720	Angiotensin II stimulates sis-inducing factor-like DNA binding activity. Evidence that the AT1A receptor activates transcription factor-Stat91 and/or a related protein.. 1994 , 269, 31443-31449	131
719	Activation of the mitogen-activated protein kinase pathway by the erythropoietin receptor.. 1994 , 269, 29962-29969	176
718	JAK1 kinase forms complexes with interleukin-4 receptor and 4PS/insulin receptor substrate-1-like protein and is activated by interleukin-4 and interleukin-9 in T lymphocytes.. 1994 , 269, 26614-26617	93
717	Differential signal transduction of the short, Nb2, and long prolactin receptors. Activation of interferon regulatory factor-1 and cell proliferation. 1994 , 269, 26076-26082	60

7 ¹⁶	Molecular recognition sites on factor Xa which participate in the prothrombinase complex.. 1992 , 267, 12323-12329	41
7 ¹⁵	Isolation and characterization of a second protein tyrosine phosphatase gene, PTP2, from <i>Saccharomyces cerevisiae</i> .. 1992 , 267, 10024-10030	26
7 ¹⁴	Thyrotropin releasing hormone stimulates transient phosphorylation of the tissue-specific transcription factor, Pit-1.. 1994 , 269, 28662-28669	20
7 ¹³	Three important components in the regeneration of the cavernous nerve: brain-derived neurotrophic factor, vascular endothelial growth factor and the JAK/STAT signaling pathway. 2011 , 13, 231-5	23
7 ¹²	The Raf/MEK/ERK signal transduction cascade as a target for chemotherapeutic intervention in leukemia.	2
7 ¹¹	Viral, host and interferon-related factors modulating the effect of interferon therapy for hepatitis C virus infection. 2001 , 8, 1-18	55
7 ¹⁰	T helper type 2 inflammatory disease in the absence of interleukin 4 and transcription factor STAT6. 1998 , 95, 13823-8	120
7 ⁰⁹	Identification of critical residues required for suppressor of cytokine signaling-specific regulation of interleukin-4 signaling. 2000 , 275, 26500-6	54
7 ⁰⁸	Interleukin-6 in the injured patient. Marker of injury or mediator of inflammation?. 1996 , 224, 647-64	381
7 ⁰⁷	STAT proteins as novel targets for cancer therapy. Signal transducer an activator of transcription. 1999 , 11, 490-6	148
7 ⁰⁶	Interferon-alpha for viral hepatitis. 1996 , 23, 93-106	22
7 ⁰⁵	The renin-angiotensin system and its receptors. 1999 , 33 Suppl 1, S21-8; discussion S41-3	97
7 ⁰⁴	Evidence for the in vivo role of class II transactivator in basal and IFN-gamma induced class II expression in mouse tissue. 1996 , 62, 1901-7	13
7 ⁰³	In vivo class II transactivator expression in mice is induced by a non-interferon-gamma mechanism in response to local injury. 1997 , 64, 1657-64	19
7 ⁰²	Human cytomegalovirus blocks interferon-gamma stimulated up-regulation of major histocompatibility complex class I expression and the class I antigen processing machinery. 2000 , 69, 687-90	15
7 ⁰¹	Insights on the pathogenicity of human T-lymphotropic/leukemia virus types I and II. 1996 , 13 Suppl 1, S69-75	14
7 ⁰⁰	Differential contributions of porcine bocavirus NP1 protein N- and C-terminal regions to its nuclear localization and immune regulation. 2016 , 97, 1178-1188	3
6 ⁹⁹	Modulation of macrophage inflammatory function through selective inhibition of the epigenetic reader protein SP140.	3

698	Pyk2 is a downstream mediator of the IL-2 receptor-coupled Jak signaling pathway. 1998 , 12, 770-5	65
697	Antiapoptotic activity of Stat5 required during terminal stages of myeloid differentiation. 2000 , 14, 232-244	94
696	The PTK-STAT signaling pathway has essential roles in T-cell activation in response to antigen stimulation. 1999 , 64, 291-302	3
695	Transcription factor IRF-1 and its family members in the regulation of host defense. 1999 , 64, 465-72	22
694	STAT3 and its targeting inhibitors in osteosarcoma. 2021 , 54, e12974	20
693	Protein Kinase C in the Transduction of Signals Toward and within the Cell Nucleus. 1995 , 228, 211-221	113
692	Fibroblast growth factors decrease inducible nitric oxide synthase mRNA accumulation in bovine retinal pigmented epithelial cells. 1995 , 230, 1046-52	17
691	The Ins and Outs of STAT1 Nuclear Transport. 2003 , 2003, re13-re13	1
690	Antiherpesvirus, Anti-Hepatitis Virus, and Anti-Respiratory Virus Agents. 2009 , 217-264	4
689	An essential role for gamma interferon in innate resistance to <i>Shigella flexneri</i> infection. 1998 , 66, 1342-8	75
688	Protein kinase A-mediated inhibition of gamma interferon-induced tyrosine phosphorylation of Janus kinases and latent cytoplasmic transcription factors in human monocytes by <i>Ehrlichia chaffeensis</i> . 1998 , 66, 2514-20	59
687	Gamma interferon augments macrophage activation by lipopolysaccharide by two distinct mechanisms, at the signal transduction level and via an autocrine mechanism involving tumor necrosis factor alpha and interleukin-1. 1999 , 67, 206-12	117
686	Vesicular stomatitis virus infection induces a nuclear DNA-binding factor specific for the interferon-stimulated response element. 1995 , 69, 4173-81	23
685	Inhibition of protein phosphorylation modulates expression of the Jak family protein tyrosine kinases. 1995 , 69, 5833-7	11
684	Activation of caprine arthritis-encephalitis virus long terminal repeat by gamma interferon. 1996 , 70, 595-9	18
683	The antiviral state induced by alpha interferon and gamma interferon requires transcriptionally active Stat1 protein. 1996 , 70, 647-50	120
682	STAT1 pathway is involved in activation of caprine arthritis-encephalitis virus long terminal repeat in monocytes. 1997 , 71, 771-7	13
681	Repression of retrovirus-mediated transgene expression by interferons: implications for gene therapy. 1997 , 71, 9163-9	51

- 680 Shared promoter elements between a viral superantigen and the major histocompatibility complex class II-associated invariant chain. **1997**, 71, 1237-45 13
- 679 Characterization of the human cytomegalovirus *irs1* and *trs1* genes: a second immediate-early transcription unit within *irs1* whose product antagonizes transcriptional activation. **1997**, 71, 1485-96 65
- 678 The cytotoxic T-lymphocyte response to Sendai virus is unimpaired in the absence of gamma interferon. **1997**, 71, 1906-10 27
- 677 Restoration of interferon responses of adenovirus E1A-expressing HT1080 cell lines by overexpression of p48 protein. **1997**, 71, 5095-101 71
- 676 Interferon-independent and -induced regulation of Epstein-Barr virus EBNA-1 gene transcription in Burkitt lymphoma. **1997**, 71, 6887-97 61
- 675 Mechanism of interferon action: identification of essential positions within the novel 15-base-pair KCS element required for transcriptional activation of the RNA-dependent protein kinase *pkR* gene. **1998**, 72, 9934-9 35
- 674 Both the polycythemia- and anemia-inducing strains of Friend spleen focus-forming virus induce constitutive activation of the Raf-1/mitogen-activated protein kinase signal transduction pathway. **1998**, 72, 919-25 33
- 673 Kaposi's sarcoma-associated herpesvirus viral interferon regulatory factor. **1998**, 72, 5433-40 141
- 672 Human parainfluenza virus type 3 up-regulates major histocompatibility complex class I and II expression on respiratory epithelial cells: involvement of a STAT1- and CIITA-independent pathway. **1999**, 73, 1411-8 35
- 671 Sendai virus and simian virus 5 block activation of interferon-responsive genes: importance for virus pathogenesis. **1999**, 73, 3125-33 131
- 670 Activation of STAT transcription factors in oncogenic tyrosine kinase signaling. **1998**, 5, 79 7
- 669 Vanadate stimulates monocytic differentiation activity of IL-6 by enhancing actin filament polymerization in HL-60 cells. **2004**, 11, 940-9 2
- 668 Importance of tyrosine phosphorylation in angiotensin II type 1 receptor signaling. **1996**, 27, 476-80 44
- 667 Mechanisms of transcriptional synergism of eukaryotic genes. The interferon-beta paradigm. **1996**, 27, 1025-9 8
- 666 MAP kinase activation by flow in endothelial cells. Role of beta 1 integrins and tyrosine kinases. **1996**, 79, 310-6 167
- 665 Angiotensin II signal transduction in vascular smooth muscle: role of tyrosine kinases. **1997**, 80, 607-16 193
- 664 Role of angiotensin II in activation of the JAK/STAT pathway induced by acute pressure overload in the rat heart. **1997**, 81, 611-7 101
- 663 Transcriptional regulation of inducible nitric oxide synthase in cultured neonatal rat cardiac myocytes. **1997**, 81, 911-21 84

662	SP110b Controls Host Immunity and Susceptibility to Tuberculosis. 2017 , 195, 369-382	21
661	TNF receptor-activated factor 2 mediates cardiac protection through noncanonical NF- κ B signaling. 2018 , 3,	9
660	What does Stat3 do?. 2002 , 109, 1143-1148	599
659	Opposing roles of STAT1 and STAT3 in T cell-mediated hepatitis: regulation by SOCS. 2002 , 110, 1503-1513	207
658	Association and direct activation of signal transducer and activator of transcription1alpha by platelet-derived growth factor receptor. 1998 , 101, 2751-60	47
657	Interleukin 4 activates a signal transducer and activator of transcription (Stat) protein which interacts with an interferon-gamma activation site-like sequence upstream of the I epsilon exon in a human B cell line. Evidence for the involvement of Janus kinase 3 and interleukin-4 Stat. 1995 , 96, 907-14	47
656	Constitutive activation of different Jak tyrosine kinases in human T cell leukemia virus type 1 (HTLV-1) tax protein or virus-transformed cells. 1995 , 96, 1548-55	98
655	Leukemia inhibitory factor (LIF) stimulates proopiomelanocortin (POMC) expression in a corticotroph cell line. Role of STAT pathway. 1996 , 97, 1852-9	112
654	Interferon-gamma-mediated activation of STAT1alpha regulates growth factor-induced mitogenesis. 1996 , 98, 1218-30	67
653	Shared gamma(c) subunit within the human interleukin-7 receptor complex. A molecular basis for the pathogenesis of X-linked severe combined immunodeficiency. 1997 , 99, 169-77	37
652	Regulation of polymorphonuclear cell activation by thrombopoietin. 1997 , 99, 1576-84	24
651	Interferon gamma and interleukin 4 stimulate prolonged expression of inducible nitric oxide synthase in human airway epithelium through synthesis of soluble mediators. 1997 , 100, 829-38	142
650	What does Stat3 do?. 2002 , 109, 1143-8	355
649	Opposing roles of STAT1 and STAT3 in T cell-mediated hepatitis: regulation by SOCS. 2002 , 110, 1503-13	118
648	The antitumor effects of IFN-alpha are abrogated in a STAT1-deficient mouse. 2003 , 112, 170-80	91
647	IFN-gamma action on pancreatic beta cells causes class I MHC upregulation but not diabetes. 1998 , 102, 1249-57	100
646	Mutation in the signal-transducing chain of the interferon-gamma receptor and susceptibility to mycobacterial infection. 1998 , 101, 2364-9	302
645	Following the cytokine signaling pathway to leukemogenesis: a chronology. 2008 , 118, 3564-73	9

644	Developmental differences in IFN signaling affect GATA1s-induced megakaryocyte hyperproliferation. 2013 ,	24
643	Hepcidin mediates transcriptional changes that modulate acute cytokine-induced inflammatory responses in mice. 2010 , 120, 2395-405	141
642	Concanavalin A-induced liver injury triggers hepatocyte proliferation. 1998 , 101, 1960-9	68
641	Pegylated IFN- β regulates hepatic gene expression through transient Jak/STAT activation. 2014 , 124, 1568-81	36
640	Enhancement of Macrophage Colony-Stimulating Factor-Induced Growth and Differentiation of Human Monocytes by Interleukin-10. 1997 , 89, 315-321	4
639	Inhibition of Interferon Regulatory Factor-1 Expression Results in Predominance of Cell Growth Stimulatory Effects of Interferon- β Due to Phosphorylation of Stat1 and Stat3. 1997 , 90, 4749-4758	2
638	Transcription Factors, Normal Myeloid Development, and Leukemia. 1997 , 90, 489-519	39
637	Multiple Myeloma: Increasing Evidence for a Multistep Transformation Process. 1998 , 91, 3-21	48
636	Activation of Stat-3 Is Involved in the Induction of Apoptosis After Ligation of Major Histocompatibility Complex Class I Molecules on Human Jurkat T Cells. 1998 , 91, 3566-3573	1
635	Interferon- β Resistance in a Cutaneous T-Cell Lymphoma Cell Line Is Associated With Lack of STAT1 Expression. 1998 , 91, 570-576	14
634	A Janus Kinase Inhibitor, JAB, Is an Interferon- β Inducible Gene and Confers Resistance to Interferons. 1998 , 92, 1668-1676	17
633	Phosphorylated Forms of Activated Caspases Are Present in Cytosol From HL-60 Cells During Etoposide-Induced Apoptosis. 1998 , 92, 3042-3049	12
632	Identification of a Novel Stat3 Recruitment and Activation Motif Within the Granulocyte Colony-Stimulating Factor Receptor. 1999 , 93, 15-24	7
631	Mpl Ligand Enhances the Transcription of the Cyclin D3 Gene: A Potential Role for Sp1 Transcription Factor. 1999 , 93, 4208-4221	5
630	Divergent Inducible Expression of P-Selectin and E-Selectin in Mice and Primates. 1999 , 94, 3820-3828	2
629	Upregulation of Integrin α 6/ β 1 and Chemokine Receptor CCR1 by Interleukin-12 Promotes the Migration of Human Type 1 Helper T Cells. 1999 , 94, 2981-2989	15
628	The Jak-Stat pathway in normal and perturbed hematopoiesis. 2000 , 95, 19-29	63
627	Transcriptional control of the human plasma membranephospholipid scramblase 1 gene is mediated by interferon- β 2000 , 95, 2593-2599	2

626	SCF and G-CSF lead to the synergistic induction of proliferation and gene expression through complementary signaling pathways. 2000 , 96, 3422-3430	4
625	Constitutive activation of STAT3 is associated with the acquisition of an interleukin 6-independent phenotype by murine plasmacytomas and hybridomas. 2000 , 96, 3514-3521	5
624	Interferon- β directly represses megakaryopoiesis by inhibiting thrombopoietin-induced signaling through induction of SOCS-1. 2000 , 96, 2093-2099	5
623	Interferon β and interleukin 6 modulate the susceptibility of macrophages to human immunodeficiency virus type 1 infection. 2000 , 96, 3109-3117	5
622	Requirement for STAT1 in LPS-induced gene expression in macrophages. 2001 , 69, 598-604	56
621	Interferon- β receptor 2 expression as the deciding factor in human T, B, and myeloid cell proliferation or death. 2001 , 70, 950-960	23
620	Src kinases regulate PKB activation and modulate cytokine and chemoattractant-controlled neutrophil functioning. 2002 , 71, 115-124	25
619	IL-13 signal transduction in human monocytes: phosphorylation of receptor components, association with Jaks, and phosphorylation/activation of Stats. 2002 , 72, 580-589	20
618	Transforming growth factor beta3 induces cell death during the first stage of mammary gland involution. 2000 , 127, 3107-3118	116
617	Differential requirement for STAT by gain-of-function and wild-type receptor tyrosine kinase Torso in <i>Drosophila</i> . 2002 , 129, 4241-4248	14
616	Interferon-independent activation of (2'-5') oligoadenylate synthetase in Friend erythroleukemia cell variants exposed to HMBA. 1996 , 109, 1517-1526	2
615	Internalization of prolactin receptor and prolactin in transfected cells does not involve nuclear translocation. 1997 , 110, 1123-1132	26
614	Activation-induced nuclear translocation of RING3. 2000 , 113, 3085-3091	46
613	Large-scale chromatin organization of the major histocompatibility complex and other regions of human chromosome 6 and its response to interferon in interphase nuclei. 2000 , 113, 1565-1576	326
612	Cell density-dependent nuclear accumulation of ELK3 is involved in suppression of PAI-1 expression. 2013 , 38, 145-54	4
611	Regulation of Interferon- β . TAU. Gene Expression and the Maternal Recognition of Pregnancy.. 2001 , 47, 69-82	3
610	Enhanced signal transduction by a directly fused protein of interleukin-6 and its receptor. 2001 , 91, 299-304	4
609	A Novel Rat Model of Patellofemoral Osteoarthritis Due to Patella Baja, or Low-Lying Patella. 2019 , 25, 2702-2717	8

608	Stat3/Cdc25a-dependent cell proliferation promotes embryonic axis extension during zebrafish gastrulation. 2017 , 13, e1006564	32
607	Type I interferons and interferon regulatory factors regulate TNF-related apoptosis-inducing ligand (TRAIL) in HIV-1-infected macrophages. 2009 , 4, e5397	33
606	Dissecting interferon-induced transcriptional programs in human peripheral blood cells. 2010 , 5, e9753	123
605	The nonstructural proteins of Nipah virus play a key role in pathogenicity in experimentally infected animals. 2010 , 5, e12709	60
604	Elimination of hepatitis C virus from hepatocytes by a selective activation of therapeutic molecules. 2011 , 6, e15967	5
603	An integrated pipeline for the genome-wide analysis of transcription factor binding sites from ChIP-Seq. 2011 , 6, e16432	33
602	Two naturally occurring terpenes, dehydrocostuslactone and costunolide, decrease intracellular GSH content and inhibit STAT3 activation. 2011 , 6, e20174	75
601	Capric acid inhibits NO production and STAT3 activation during LPS-induced osteoclastogenesis. 2011 , 6, e27739	26
600	EGCG enhances the therapeutic potential of gemcitabine and CP690550 by inhibiting STAT3 signaling pathway in human pancreatic cancer. 2012 , 7, e31067	70
599	Pharmacogenetics of efficacy and safety of HCV treatment in HCV-HIV coinfecting patients: significant associations with IL28B and SOCS3 gene variants. 2012 , 7, e47725	9
598	The ubiquitin ligase TRAF6 negatively regulates the JAK-STAT signaling pathway by binding to STAT3 and mediating its ubiquitination. 2012 , 7, e49567	43
597	Induction of STAT1 phosphorylation at serine 727 and expression of proinflammatory cytokines by porcine reproductive and respiratory syndrome virus. 2013 , 8, e61967	15
596	Clinically relevant dimer interface mutants of STAT1 transcription factor exhibit differential gene expression. 2013 , 8, e69903	12
595	A conserved motif in the linker domain of STAT1 transcription factor is required for both recognition and release from high-affinity DNA-binding sites. 2014 , 9, e97633	5
594	Impaired expression of type I and type II interferon receptors in HCV-associated chronic liver disease and liver cirrhosis. 2014 , 9, e108616	24
593	Deficiency in either 4E-BP1 or 4E-BP2 augments innate antiviral immune responses. 2014 , 9, e114854	17
592	Fad104, a positive regulator of adipocyte differentiation, suppresses invasion and metastasis of melanoma cells by inhibition of STAT3 activity. 2015 , 10, e0117197	16
591	Influence of genes suppressing interferon effects in peripheral blood mononuclear cells during triple antiviral therapy for chronic hepatitis C. 2015 , 10, e0118000	8

590	Peroxiredoxin 5 Protects TGF- β -Induced Fibrosis by Inhibiting Stat3 Activation in Rat Kidney Interstitial Fibroblast Cells. 2016 , 11, e0149266	23
589	Chronic IL-6 Administration Desensitizes IL-6 Response in Liver, Causes Hyperleptinemia and Aggravates Steatosis in Diet-Induced-Obese Mice. 2016 , 11, e0157956	15
588	Invertebrate Iridescent Virus 6, a DNA Virus, Stimulates a Mammalian Innate Immune Response through RIG-I-Like Receptors. 2016 , 11, e0166088	23
587	Genomic and Transcriptomic Alterations Associated with STAT3 Activation in Head and Neck Cancer. 2016 , 11, e0166185	3
586	Inhibition of STAT3 by Anticancer Drug Bendamustine. 2017 , 12, e0170709	9
585	Transcriptome-microRNA analysis of <i>Sarcoptes scabiei</i> and host immune response. 2017 , 12, e0177733	18
584	Comparative transcriptomics of genetically divergent lines of chickens in response to Marek's disease virus challenge at cytolytic phase. 2017 , 12, e0178923	3
583	Interferon signaling in <i>Peromyscus leucopus</i> confers a potent and specific restriction to vector-borne flaviviruses. 2017 , 12, e0179781	9
582	The Molecular and Structural Basis of HBV-resistance to Nucleos(t)ide Analogs. 2014 , 2, 202-11	14
581	A mutation in the STAT1 DNA-binding domain associated with hemophagocytic lymphohistocytosis. 2014 , 1, 87-95	11
580	Antagonism of interferon signaling by fibroblast growth factors promotes viral replication. 2020 , 12, e11793	4
579	Disentangling molecular mechanisms regulating sensitization of interferon alpha signal transduction. 2020 , 16, e8955	13
578	New Advances in Interferon Therapy of Cancer. 1997 , 2, 254-267	15
577	Gene Regulation and Clinical Roles for Interferons in Neoplastic Diseases. 1998 , 3, 198-203	16
576	Inducible nitric oxide synthase can be induced in the absence of active nuclear factor-kappaB in rat mesangial cells: involvement of the Janus kinase 2 signaling pathway. 1999 , 10, 721-9	25
575	HOTAIR expands the population of prostatic cancer stem-like cells and causes Docetaxel resistance via activating STAT3 signaling. 2020 , 12, 12771-12782	7
574	CD44 and CD24 coordinate the reprogramming of nasopharyngeal carcinoma cells towards a cancer stem cell phenotype through STAT3 activation. 2016 , 7, 58351-58366	20
573	MiRNA203 suppresses the expression of protumorigenic STAT1 in glioblastoma to inhibit tumorigenesis. 2016 , 7, 84017-84029	15

572	KIAA0247 suppresses the proliferation, angiogenesis and promote apoptosis of human glioma through inactivation of the AKT and Stat3 signaling pathway. 2016 , 7, 87100-87113	14
571	Discovery and characterization of a novel irreversible EGFR mutants selective and potent kinase inhibitor CHMFL-EGFR-26 with a distinct binding mode. 2017 , 8, 18359-18372	5
570	ONC201 selectively induces apoptosis in cutaneous T-cell lymphoma cells via activating pro-apoptotic integrated stress response and inactivating JAK/STAT and NF- κ B pathways. 2017 , 8, 61761-61776 ¹⁶	16
569	Physapubescin B inhibits tumorigenesis and circumvents taxol resistance of ovarian cancer cells through STAT3 signaling. 2017 , 8, 70130-70141	2
568	Metformin activates type I interferon signaling against HCV via activation of adenosine monophosphate-activated protein kinase. 2017 , 8, 91928-91937	21
567	Genetic or pharmacologic inhibition of EGFR ameliorates sepsis-induced AKI. 2017 , 8, 91577-91592	11
566	Overexpression of AGT promotes bronchopulmonary dysplasia via the JAK/STAT signal pathway. 2017 , 8, 96079-96088	7
565	Epigenetic regulations in the IFN γ signalling pathway: IFN γ mediated MHC class I upregulation on tumour cells is associated with DNA demethylation of antigen-presenting machinery genes. 2014 , 5, 6923-35	28
564	MicroRNA203a suppresses glioma tumorigenesis through an ATM-dependent interferon response pathway. 2017 , 8, 112980-112991	17
563	GRAM domain-containing protein 1B (GRAMD1B), a novel component of the JAK/STAT signaling pathway, functions in gastric carcinogenesis. 2017 , 8, 115370-115383	8
562	Ruxolitinib synergistically enhances the anti-tumor activity of paclitaxel in human ovarian cancer. 2018 , 9, 24304-24319	10
561	Activated T cells sustain myeloid-derived suppressor cell-mediated immune suppression. 2016 , 7, 1168-84	82
560	Prognostic value and their clinical implication of 89-gene signature in glioma. 2016 , 7, 51237-51250	10
559	The Effect of Manuka Honey on dHL-60 Cytokine, Chemokine, and Matrix-Degrading Enzyme Release under Inflammatory Conditions. 2019 , 4,	6
558	Profile of Baricitinib and Its Potential in the Treatment of Moderate to Severe Atopic Dermatitis: A Short Review on the Emerging Clinical Evidence. 2020 , 13, 89-94	14
557	An Update on JAK Inhibitors. 2019 , 26, 1806-1832	17
556	Targeting Immune Signaling Pathways in Clonal Hematopoiesis. 2019 , 26, 5262-5277	5
555	Anticancer Agents Based on Vulnerable Components in a Signalling Pathway. 2020 , 20, 886-907	9

554	STAT3: A Potential Drug Target for Tumor and Inflammation. 2019 , 19, 1305-1317	31
553	The Dawn of Mitophagy: What Do We Know by Now?. 2021 , 19, 170-192	2
552	Reactive Oxygen Species as Intracellular Signaling Molecules in the Cardiovascular System. 2018 , 14, 290-300	45
551	Association between rs1053004 polymorphism and cancer risk: a meta-analysis. 2018 , 7, 119-124	2
550	The gut and the inflammatory bowel diseases inside-out: extra-intestinal manifestations. 2019 , 65, 309-318	18
549	MicroRNA Regulated Macrophage Activation in Obesity. 2019 , 7, 46-52	9
548	The role of the activated macrophage in clearing <i>Listeria monocytogenes</i> infection. 2007 , 12, 2683-92	62
547	Basic Mechanisms of JAK Inhibition. 2020 , 31, 100-104	6
546	JAK2 and Beyond: Mutational Study of JAK2V617 in Myeloproliferative Disorders and Haematological Malignancies in Kashmiri population. 2019 , 20, 3611-3615	5
545	Basal STAT3 activities are negatively correlated with tumor size in papillary thyroid carcinomas. 2012 , 35, 413-8	15
544	STAT3 Regulates Mouse Neural Progenitor Proliferation and Differentiation by Promoting Mitochondrial Metabolism. 2020 , 8, 362	6
543	The multifaceted role of curcumin in cancer prevention and treatment. 2015 , 20, 2728-69	283
542	Inhalation of Essential Oil from <i>Mentha piperita</i> Ameliorates PM10-Exposed Asthma by Targeting IL-6/JAK2/STAT3 Pathway Based on a Network Pharmacological Analysis. 2020 , 14,	4
541	Human parainfluenza virus type 3 upregulates ICAM-1 (CD54) expression in a cytokine-independent manner. 2000 , 9, 115-21	14
540	Mechanism Underlying the Anti-Inflammatory Action of Piceatannol Induced by Lipopolysaccharide. 2012 , 41, 1226-1234	6
539	Association of Fas-670 gene polymorphism with inflammatory bowel disease in Chinese patients. 2005 , 11, 415-7	15
538	Distinct immune response induced by peptidoglycan derived from <i>Lactobacillus</i> sp. 2005 , 11, 6330-7	49
537	Between <i>Scylla</i> and <i>Charybdis</i> : the role of the human immune system in the pathogenesis of hepatitis C. 2013 , 19, 7852-66	7

536	Downregulation of signal transducer and activator of transcription 3 by sorafenib: a novel mechanism for hepatocellular carcinoma therapy. 2014 , 20, 15269-74	24
535	Decreased STAT4 indicates poor prognosis and enhanced cell proliferation in hepatocellular carcinoma. 2015 , 21, 3983-93	23
534	Differential regulation of JAK/STAT-signaling in patients with ulcerative colitis and Crohn's disease. 2020 , 26, 4055-4075	12
533	Effect of phosphorylation of MAPK and Stat3 and expression of c-fos and c-jun proteins on hepatocarcinogenesis and their clinical significance. 2001 , 7, 33-6	79
532	Margatoxin mitigates CCl4-induced hepatic fibrosis in mice via macrophage polarization, cytokine secretion and STAT signaling. 2020 , 45, 103-114	10
531	Prognostic value of glucose transporter 3 expression in hepatocellular carcinoma. 2020 , 19, 691-699	9
530	STAT3 Signaling in Cancer. 2015 , 06, 709-726	19
529	Signal transducer and activator of transcription 3 regulation by novel binding partners. 2015 , 6, 324-32	12
528	Effects of Chungkookjang Extract on Growth Hormone Secretion from GH3 Mouse Pituitary Cell and Growth Hormone Receptor Signaling Pathway. 2012 , 22, 1243-1253	1
527	Expression Analysis of Cytokine and Chemokine Genes during the Natural Course of Murine Experimental Autoimmune Uveoretinitis. 2012 , 2012, 471617	6
526	Roles of conceptus secretory proteins in establishment and maintenance of pregnancy in ruminants. 2012 , 25, 1-16	11
525	Studies on the regulation of Hematopoietic enhancement of Brassica campestris var narinosa., Canavalia gladiata DC semen and their combinational prescription via Jak2/STAT5/GATA1 Pathway in Sca-1+hematopoietic stem cells. 2013 , 28, 7-16	3
524	Dynamics of activity of energy supply enzymes of rat brain against the background of exposure to stress factors. 2019 , 17, 16-32	1
523	PHLPP1 counter-regulates STAT1-mediated inflammatory signaling. 2019 , 8,	13
522	Intermittent hypoxia mediated by TSP1 dependent on STAT3 induces cardiac fibroblast activation and cardiac fibrosis. 2020 , 9,	18
521	Antiviral Properties of Baicalin: a Concise Review. 2021 , 31, 1-12	6
520	Identification and antiviral effect of Cherry Valley duck IRF4. 2021 , 101, 101560	
519	Hydrogen sulfide prevents arterial medial calcification in rats with diabetic nephropathy. 2021 , 21, 495	1

518	Functional Roles of Non-coding RNAs in the Interaction Between Host and Influenza A Virus. 2021 , 12, 742984	1
517	Altered increase in STAT1 expression and phosphorylation in severe COVID-19. 2021 ,	2
516	Next generation of tumor-activating type I IFN enhances anti-tumor immune responses to overcome therapy resistance. 2021 , 12, 5866	6
515	A myxovirus resistance like protein involved in CgIFNLP mediated immune response of oyster <i>Crassostrea gigas</i> . 2021 , 119, 318-328	0
514	The Human STAT2 Coiled-Coil Domain Contains a Degron for Zika Virus Interferon Evasion. 2021 , JVI0130121	3
513	The Human STAT2 Coiled-Coil Domain Contains a Degron for Zika Virus Interferon Evasion.	1
512	An Update on Innate Immune Responses during SARS-CoV-2 Infection. 2021 , 13,	2
511	MHC Class I-Subversive Gene Functions of Cytomegalovirus and their Regulation by Interferons-an Intricate Balance. 2000 , 39-47	1
510	Manipulation of MHC-encoded proteins by cytomegaloviruses. 2000 , 305-319	
509	Renin-angiotensin system and coronary artery disease Interaction of angiotensin II with pro-inflammatory cytokines in human stable and unstable coronary plaques. 2000 , 127-141	
508	Signalling from tyrosine kinases in the developing neurons and glia of the mammalian brain. 2000 , 30, 217-40	
507	Cell Proliferation: From Signal Transduction to Cell Cycle. 2000 , 15-42	
506	Constitutive activation of LIL-Stat in adult T-cell leukemia cells. 2000 , 95, 2715-2718	
505	Phosphorylation-deficient Stat1 inhibits retinoic acid-induced differentiation and cell cycle arrest in U-937 monoblasts. 2000 , 96, 2870-2878	1
504	Negative-feedback Regulations Of Cytokine Signals. 2000 ,	
503	Cr (Vi) Increases Tyrosine Phosphorylation Through Reactive Oxygen Species-Mediated Reactions. 2001 , 199-204	
502	Immunotherapeutic Strategies for Multiple Sclerosis. 2001 , 37-68	
501	Role of Interleukins in Relation to the Renin-Angiotensinsystem in Atherosclerosis. 2001 , 129-140	

500 Kinase Signaling in the Cardiovascular System. **2001**, 657-677

499 Does the Growth Factor Approach Have a Future in the Treatment of Human Heart failure?. **2001**, 101-109

498 Interferons.

497 Microarray Analysis of Human Papillomavirus Pathogenesis. **2002**, 25-38

496 Signal Transduction Pathways Modulate Androgen Receptor Transcriptional Activity. **2002**, 57-90

495 Pathogenesis of Hepatocellular Carcinoma by Hepatitis Viruses. **2002**, 213-234

494 Interferons.

493 The 2-5A Pathway and Signal Transduction. **2002**, 99-130

492 Ribonuclease L. **2002**, 17-54

491 Immunobiology of Asthma. **2002**, 133-165

490 Cell Adhesion-Dependent Signaling Pathways on Biomaterials Surfaces. **2002**,

489 Tissue-Specific Function of STAT3. **2003**, 513-523

488 Jak3 and the Pathogenesis of Severe Combined Immunodeficiency. **2003**, 623-636

487 Interferons: α and β **2003**, 397-405

486 Nuclear Trafficking of STAT Proteins. **2003**, 269-283

485 IFN α Receptor-STAT1 Signaling and Cancer Immunoediting. **2003**, 399-418

484 STAT Proteins as Molecular Targets for Cancer Therapy. **2003**, 645-661

483 Endokrine Funktionen II: Zytokine. **2003**, 813-835

- 482 Negative Regulation of the JAK/STAT Signaling Pathway. **2003**, 431-440
- 481 JAK/STAT Signaling: A Tale of Jeeps and Trains. **2003**, 355-365
- 480 STATs in Immune Responses to Viral Infections. **2003**, 381-397 1
- 479 Genetic Analysis of NF- κ -Dependent Signaling Pathways in Mammalian Cells. **2003**, 241-264
- 478 Drug Discovery Approaches Targeting the JAK/STAT Pathway. **2003**, 721-742
- 477 JAK/Stat Signaling in Cardiac Diseases. **2003**, 349-356
- 476 Interferon-alpha response and signal transduction pathway in transitional carcinoma cell lines. **2003**, 539, 15-32 2
- 475 Role of the Antiapoptotic Protein Bcl-xL in the Pathogenesis of Polycythemia Vera. **2004**, 74-81
- 474 Signal Transduction.
- 473 Signaling Mechanisms Underlying Toxicant-Induced Gliosis. **2004**, 141-171
- 472 Transcriptional Synergism between NF- κ .B and STAT1. **2005**, 47, 230-242 1
- 471 Estradiol increases signal transducer and activator of transcription (STAT3) phosphorylation and DNA binding in brain nuclear extract after MCAO occlusion. **2005**, 25, S291-S291
- 470 Vasoactive Intestinal Peptide: An Anti-inflammatory Neuropeptide. **2007**, 131-157
- 469 Transcription Factors STAT5 and STAT3. **2008**, 257-290
- 468 Natural Agents That Can Sensitize Tumor Cells to Chemotherapy and Radiation Therapy. **2008**, 211-240 3
- 467 Identification of Phosphoproteins Induced by AT1 Receptor Blocker Losartan. **2008**, 18, 918-923
- 466 Understanding Interferon: Translating Biologic Advances into Clinical Progress. **2008**, 111-128
- 465 Interferons and Interleukin-2: Molecular Basis of Activity and Therapeutic Results. **2009**, 49-78

- 464 Stat3 Oncogenic Signaling in Glioblastoma Multiforme. **2009**, 899-918
- 463 Interferon Signaling. **2010**, 189-200 2
- 462 Interferon Tau in the Ovine Uterus. **2009**, 51, 471-484 1
- 461 Disease mechanisms, genetic susceptibility and therapeutic approaches in lupus disease. **2010**, 127-146
- 460 Erythropoietin Receptor as a Paradigm for Cytokine Signaling. **2010**, 245-252
- 459 A novel molecular target for cancer therapy:signal transducer and activator of transcription 3. **2010**, 29, 722-724
- 458 The Role of Cytokines in Viral Infections.
- 457 Type I Interferons and Receptors.
- 456 Transcription Factors Stat5a/b and Stat3 in Prostate Cancer Growth and Metastases. **2011**, 245-260
- 455 Developmental Biology of the Hematopoietic Growth Factors. **2011**, 1469-1485
- 454 A sensitive and versatile cytokine bioassay based on type I interferon signaling in 2FTGH cells. **2012**, 820, 231-7
- 453 Targeting Signal Transducer and Activator of Transcription (STAT) for Anticancer Therapy. **2012**, 299-321
- 452 Rational Design of DNA Anticancer Agent That Targets Signal Transducer and Activator of Transcription 3 (Stat3) for Cancer Therapy. **2012**, 167-190
- 451 STAT Signaling in Cancer Prevention. **2012**, 149-167
- 450 Interferon Regulatory Factors: Role in Transcriptional Regulation of Macrophage Plasticity and Activation. **2014**, 463-486
- 449 Interferons block protein kinase C-dependent but not-independent activation of Raf-1 and mitogen-activated protein kinases and mitogenesis in NIH 3T3 cells. **1994**, 14, 8018-8027 11
- 448 Hematopoietic Signaling by the Cytokine Receptor Superfamily. **1995**, 101-117
- 447 Cytoplasmic transcription factors: mediators of cytokine signaling. **1995**, 47, 79-85 4

- 446 Basement Membrane in the Control of Mammary Gland Function. **1995**, 141-151
- 445 Protein kinase C in the transduction of signals toward and within the cell nucleus. **1995**, 43-53
- 444 Molecular Biology of Virally-Induced Cell Transformation and Tumorigenesis. **1995**, 541-609
- 443 Roles of Jak Kinases in Human GM-CSF Receptor. **1996**, 110-123
- 442 Induction of interferons and interferon-induced genes. **1996**, 183-187
- 441 Interferon Signal transduction. **1996**, 175-181 1
- 440 Leukemia inhibitory factor and phenotypic specialization. **1996**, 265-292
- 439 Activation of stat-related DNA-binding factors by erythropoietin and the spleen focus-forming virus. **1996**, 211, 223-31 2
- 438 Ciliary neurotrophic factor. **1996**, 293-308
- 437 Control of Inducible Nitric Oxide Synthase Gene Expression by Interferon Regulatory Factor-1: Implications for Host Resistance to Bacteria and Viruses. **1996**, 19-30
- 436 Cellular Signaling Events in B Lymphocytes. **1996**, 79-98
- 435 Produktion von G-CSF und IL-6 und Aktivierung von STAT Proteinen in Mukosa und Tunica Muscularis des Jejunums im Hämorrhagischen Schock. **1997**, 579-583
- 434 Interferon- γ Interrupts Interleukin-6-Dependent Signaling Events in Myeloma Cells. **1997**, 89, 261-271 1
- 433 Arachidonic Acid Mediates Interferon- γ -Induced Sphingomyelin Hydrolysis and Monocytic Marker Expression in HL-60 Cell Line. **1997**, 89, 81-91 2
- 432 Structure-activity of type I interferons. **1997**, 59-86
- 431 p53-Dependent Signaling in Response to DNA Damage or Arrest of DNA Synthesis and its Role in Cell Cycle Control. **1997**, 69-81
- 430 Molecular Mechanisms of Growth and Death Control of Hematopoietic Cells by Cytokines. **1997**, 125-133
- 429 Receptors. **1997**, 9-33

- 428 Das Renin-Angiotensin-System: Physiologie und Pathophysiologie. **1997**, 1-39
- 427 Molecular Mechanisms Involved in the Control of Differential Cytokine Expression in Human Monocytes. **1997**, 13-18
- 426 Patenting transcription factors for drug discovery and therapeutics. **1997**, 7, 225-231
- 425 Inactivation of the Fanconi Anemia Group C Gene Augments Interferon-Induced Apoptotic Responses in Hematopoietic Cells. **1997**, 90, 974-985 9
- 424 Lymphokines and Cytokines. **1998**, 211-265 0
- 423 Interleukin-3. **1998**, 35-52 1
- 422 Signaling Components and Pathways. **1998**, 41-95
- 421 Mechanisms of Endothelin-Induced Mitogenesis and Activation of Stress Response Protein Kinases. **1998**, 177-215 1
- 420 Methodology for the Study of Metabolism: Cellular and Molecular Techniques. **1998**, 41-78
- 419 Mechanical Stress, Local Renin-Angiotensin System and Cardiac Hypertrophy: An Overview. **1998**, 269-282
- 418 Differential Binding Activity of the Transcription Factor LIL-Stat in Immature and Differentiated Normal and Leukemic Myeloid Cells. **1998**, 92, 1364-1373 4
- 417 Distinct Regulatory Mechanisms for Interferon- α and IFN- γ -Mediated Induction of Ly-6E Gene in B Cells. **1998**, 92, 2399-2409 4
- 416 Cell Signaling by Hematopoietic Growth Factor Receptors. **1999**, 27-50
- 415 Pharmakologische Aspekte von Angiotensin-II-Rezeptoren und AT1-Rezeptorantagonisten. **1999**, 25-37
- 414 Das Renin-Angiotensin-System: Physiologie und Pathophysiologie. **1999**, 1-38 1
- 413 Transcription Factors and Inflammatory Lung Disease. **1999**, 41-70
- 412 Summary and Future Directions. **1999**, 323-349
- 411 Both Stat3-Activation and Stat3-Independent BCL2 Downregulation Are Important for Interleukin-6-Induced Apoptosis of 1A9-M Cells. **1999**, 93, 1346-1354

- 410 Reconstitution of the Functional Mouse Oncostatin M (OSM) Receptor: Molecular Cloning of the Mouse OSM Receptor β Subunit. **1999**, 93, 804-815 1
- 409 Enhanced B7-2 Gene Expression by Interferon- γ in Human Monocytic Cells Is Controlled Through Transcriptional and Posttranscriptional Mechanisms. **1999**, 94, 1782-1789 7
- 408 Jak-Stat Pathway in Response to Virus Infection. 75-90 1
- 407 The mechanisms of activation of the single chain cytokine receptors: preformed and ligand-induced dimerization. **2014**, 30, 184-189
- 406 How Noncoding RNAs Contribute to Macrophage Polarization. **2015**, 59-84 1
- 405 Gastrointestinal Hormones and Receptors. 198-226 1
- 404 STATs in Health and Disease. **2016**, 1-32
- 403 Improving Gene Regulatory Network Inference by Incorporating Rates of Transcriptional Changes.
- 402 Pancreatic Cancer: Role of STAT-3 and Intervention of STAT-3 by Genistein. **2017**, 413-425
- 401 An alternative STAT signaling pathway acts in antiviral immunity in *Caenorhabditis elegans*. 1
- 400 Jak/STAT Signaling in Head and Neck Cancer. **2018**, 155-184 0
- 399 Role of Heat Shock Protein 90 in Mammary Tumorigenesis. **2019**, 103-124
- 398 PHLPP1 Counter-regulates STAT1-mediated Inflammatory Signaling.
- 397 STAT1 is a modulator of the expression of frequently rearranged in advanced T-cell lymphomas 1 expression in U251 cells. **2020**, 20, 248-256
- 396 Flavonoids as Cytokine Immunomodulators to Reduce Airway Inflammation via Inhibition of the NF- κ B Signalling Pathway: A Systematic Overview. 1-42
- 395 Reprogramming of stromal fibroblasts by chemotherapy-induced secretion of IFN γ drives re-growth of breast cancer cells after treatment.
- 394 Vil-Cre specific Schlafen 3 knockout mice exhibit sex-specific differences in intestinal differentiation markers and Schlafen family members expression levels. **2021**, 16, e0259195 0
- 393 EGCG Inhibits Tumor Growth in Melanoma by Targeting JAK-STAT Signaling and Its Downstream PD-L1/PD-L2-PD1 Axis in Tumors and Enhancing Cytotoxic T-Cell Responses. **2021**, 14, 3

- 392 PERK signaling through C/EBP β contributes to ER stress-induced expression of immunomodulatory and tumor promoting chemokines by cancer cells. **2021**, 12, 1038 2
- 391 STAT3 ameliorates cognitive deficits by positively regulating the expression of NMDARs in a mouse model of FTDP-17. **2020**, 5, 295 5
- 390 Beyond Methotrexate and Biologics in RA - Efficacy of JAK Inhibitors and their Place in the Current Treatment Armamentarium. **2020**, 31, 120-128 2
- 389 STAT5 and STAT5 Inhibitors in Hematological Malignancies. **2019**, 19, 2036-2046 1
- 388 Type I interferon therapies of multiple sclerosis and hepatitis C virus infection. **2021**, 75, 537-547
- 387 Consensus transcriptional regulatory networks of coronavirus-infected human cells. **2020**, 1 1
- 386 Oleanolic Acid Alleviates Atopic Dermatitis-like Responses In Vivo and In Vitro. **2021**, 22, 0
- 385 MMP9 secreted from mononuclear cell quality and quantity culture mediates STAT3 phosphorylation and fibroblast migration in wounds. **2021**, 18, 464-471 0
- 384 Inflammatory bowel diseases and genetic.
- 383 İflamatuvar barsak hastalıkları ve genetik.
- 382 Redox Regulation of Gene Expression: Transcriptional Induction of Heme Oxygenase-1. **2003**, 333-364
- 381 Genes Modulated by Interferons and Double-Stranded RNA. **2005**, 35-63
- 380 STATs in Cytokine-mediated Transcriptional Regulation. **2006**, 175-184
- 379 Influenza Viral Infection: Stress-induced Modulation of Innate Resistance and Adaptive Immunity. **2006**, 150-175
- 378 Interferon- β Molecular Signaling Pathways and Behavior. **2009**, 71-85
- 377 Heat Shock Protein-27 (Hsp-27) in Breast Cancers: Regulation of Expression and Function. **2007**, 93-130
- 376 Receptors. **2005**, 9-33
- 375 Altered Signal Transduction in Melanoma. **2006**, 119-147

374	Kommunikation zwischen Zellen: Extrazelluläre Signalmoleküle, Rezeptoren und Signaltransduktion. 2007 , 755-808	
373	Characterization and Prediction of ISRE Binding Patterns Across Cell Types Under Type I Interferon Stimulation.	
372	Impaired IFN- α -dependent STAT3 Activation Is Associated With Dysregulation of Regulatory and Inflammatory Signaling in Monocytes of Ulcerative Colitis Patients. 2021 , 27, 887-901	1
371	Heterozygous Cell Models of STAT1 Gain-of-Function Reveal a Broad Spectrum of Interferon-Signature Gene Transcriptional Responses.	
370	Lithium inhibits tryptophan catabolism via the inflammation-induced kynurenine pathway in human microglia.	0
369	Antiapoptotic activity of Stat5 required during terminal stages of myeloid differentiation. 2000 , 14, 232-44	127
368	Activating point mutations in the common beta subunit of the human GM-CSF, IL-3 and IL-5 receptors suggest the involvement of beta subunit dimerization and cell type-specific molecules in signalling. 1995 , 14, 4276-87	11
367	Mutant U5A cells are complemented by an interferon-alpha beta receptor subunit generated by alternative processing of a new member of a cytokine receptor gene cluster. 1995 , 14, 5100-8	53
366	Distinct signal transduction through the tyrosine-containing domains of the granulocyte colony-stimulating factor receptor. 1995 , 14, 5288-96	8
365	Tyrosine 343 in the erythropoietin receptor positively regulates erythropoietin-induced cell proliferation and Stat5 activation. 1995 , 14, 5557-68	63
364	Induction of c-fos expression through JNK-mediated TCF/Elk-1 phosphorylation. 1995 , 14, 5957-64	155
363	Prolactin induces phosphorylation of Tyr694 of Stat5 (MGF), a prerequisite for DNA binding and induction of transcription. 1994 , 13, 4361-9	162
362	Activation of JAK kinases and STAT proteins by interleukin-2 and interferon alpha, but not the T cell antigen receptor, in human T lymphocytes. 1994 , 13, 5605-15	57
361	Differential tyrosine phosphorylation of the IFNAR chain of the type I interferon receptor and of an associated surface protein in response to IFN-alpha and IFN-beta. 1994 , 13, 5871-7	38
360	Interleukin-3, granulocyte-macrophage colony stimulating factor and interleukin-5 transduce signals through two STAT5 homologs. 1995 , 14, 1166-75	121
359	Interleukin-3 signals through multiple isoforms of Stat5. 1995 , 14, 1402-11	64
358	An amino acid substitution in the Drosophila hopTum-l Jak kinase causes leukemia-like hematopoietic defects. 1995 , 14, 1412-20	99
357	A major role for the protein tyrosine kinase JAK1 in the JAK/STAT signal transduction pathway in response to interleukin-6. 1995 , 14, 1421-9	126

356	Prolactin, growth hormone, erythropoietin and granulocyte-macrophage colony stimulating factor induce MGF-Stat5 DNA binding activity. 1995 , 14, 2005-13	69
355	Interleukin 2 and erythropoietin activate STAT5/MGF via distinct pathways. 1995 , 14, 2527-35	44
354	A novel cytokine-inducible gene CIS encodes an SH2-containing protein that binds to tyrosine-phosphorylated interleukin 3 and erythropoietin receptors. 1995 , 14, 2816-26	166
353	Thrombopoietin activates a STAT5-like factor in hematopoietic cells. 1995 , 14, 2847-56	42
352	Activation of a Drosophila Janus kinase (JAK) causes hematopoietic neoplasia and developmental defects. 1995 , 14, 2857-65	163
351	Mouse oncostatin M: an immediate early gene induced by multiple cytokines through the JAK-STAT5 pathway. 1996 , 15, 1055-63	51
350	Phosphorylated interferon-alpha receptor 1 subunit (IFN α R1) acts as a docking site for the latent form of the 113 kDa STAT2 protein. 1996 , 15, 1064-74	48
349	The SH2 domains of Stat1 and Stat2 mediate multiple interactions in the transduction of IFN-alpha signals. 1996 , 15, 1075-84	44
348	Differentiation and growth arrest signals are generated through the cytoplasmic region of gp130 that is essential for Stat3 activation. 1996 , 15, 1557-65	55
347	Interferon-alpha-induced phosphorylation and activation of cytosolic phospholipase A2 is required for the formation of interferon-stimulated gene factor three. 1996 , 15, 1566-71	10
346	Interleukin-2 activation of STAT5 requires the convergent action of tyrosine kinases and a serine/threonine kinase pathway distinct from the Raf1/ERK2 MAP kinase pathway. 1996 , 15, 1902-13	38
345	The interleukin-7 receptor alpha chain transmits distinct signals for proliferation and differentiation during B lymphopoiesis. 1996 , 15, 1924-32	52
344	Suppression of interleukin-3-induced gene expression by a C-terminal truncated Stat5: role of Stat5 in proliferation. 1996 , 15, 2425-33	76
343	Diversification of Neu differentiation factor and epidermal growth factor signaling by combinatorial receptor interactions. 1996 , 15, 2452-67	234
342	Kinase-negative mutants of JAK1 can sustain interferon-gamma-inducible gene expression but not an antiviral state. 1996 , 15, 799-809	54
341	A central role for Stat3 in IL-6-induced regulation of growth and differentiation in M1 leukemia cells. 1996 , 15, 3651-8	148
340	Unique signal transduction of Eyk: constitutive stimulation of the JAK-STAT pathway by an oncogenic receptor-type tyrosine kinase. 1996 , 15, 4515-25	23
339	Identification of a novel receptor/signal transduction pathway for IL-15/T in mast cells. 1996 , 15, 4928-39	39

338	Regulation of WT1 by phosphorylation: inhibition of DNA binding, alteration of transcriptional activity and cellular translocation. 1996 , 15, 5606-15	23
337	DNA binding of in vitro activated Stat1 alpha, Stat1 beta and truncated Stat1: interaction between NH2-terminal domains stabilizes binding of two dimers to tandem DNA sites. 1996 , 15, 5616-26	81
336	The rapid inactivation of nuclear tyrosine phosphorylated Stat1 depends upon a protein tyrosine phosphatase. 1996 , 15, 6262-8	80
335	Salicylate-enhanced activation of transcription factors induced by interferon-gamma. 1999 , 342 Pt 3, 503-7	3
334	Interferon-gamma-dependent stimulation of human involucrin gene expression: STAT1 (signal transduction and activators of transcription 1) protein activates involucrin promoter activity. 1999 , 344 Pt 3, 797-802	5
333	Signal transducer and activator of transcription 1 in human muscle: implications in inflammatory myopathies. 1997 , 151, 81-8	34
332	H-RYK, an unusual receptor kinase: isolation and analysis of expression in ovarian cancer. 1996 , 2, 189-203	8
331	Systemic interferon-alpha (IFN-alpha) treatment leads to Stat3 inactivation in melanoma precursor lesions. 1999 , 5, 11-20	17
330	STAT signaling in the pathogenesis and treatment of cancer. 1999 , 5, 432-56	31
329	Long-term pegylated interferon-alpha and its potential in the treatment of melanoma. 2009 , 3, 169-82	9
328	Involvement of STAT4 in IgG subtype switching and ocular HSV-1 replication in mice. 2010 , 16, 98-104	5
327	Pro-angiogenic effect of IFNgamma is dependent on the PI3K/mTOR/translational pathway in human retinal pigmented epithelial cells. 2010 , 16, 184-93	30
326	Tissue-microarray based immunohistochemical analysis of survival pathways in nodular sclerosing classical Hodgkin lymphoma as compared with Non-Hodgkin's lymphoma. 2010 , 3, 55-68	14
325	Differential requirement for STAT by gain-of-function and wild-type receptor tyrosine kinase Torso in Drosophila. 2002 , 129, 4241-8	16
324	Signal transducer and activator of transcription-3 and breast cancer prognosis. 2011 , 1, 347-55	23
323	Dysregulation of janus kinases and signal transducers and activators of transcription in cancer. 2011 , 1, 806-16	8
322	Viral hepatitis in Hawai'i--differing perspectives. 2010 , 69, 3-20	2
321	Cytokine control of inflammation and repair in the pathology of multiple sclerosis. 2012 , 85, 447-68	42

320	Synergistic effect of various regulatory factors in TH1/TH2 balance; immunotherapeutic approaches in asthma. 2008 , 4, 8-13	5
319	Multiple myeloma: increasing evidence for a multistep transformation process. 1998 , 91, 3-21	124
318	Activation-induced nuclear translocation of RING3. 2000 , 113 (Pt 17), 3085-91	28
317	Inflammatory Signaling Involved in High-Fat Diet Induced Prostate Diseases. 2015 , 2,	13
316	IL-32 α recently identified anti-inflammatory variant of IL-32 and its preventive role in various disorders and tumor suppressor activity. 2017 , 9, 4726-4737	6
315	Signal transduction and activation of gene transcription by interferons. 1995 , 5, 1-18	27
314	Transcriptional regulation of the heat shock protein genes by STAT family transcription factors. 1999 , 7, 311-9	80
313	Expression profile and prognostic values of STAT family members in non-small cell lung cancer. 2019 , 11, 4866-4880	13
312	Expression of cytokine signal transduction components in the postnatal mouse retina. 2003 , 9, 715-22	30
311	Cutaneous Lupus Erythematosus: Current and Future Pathogenesis-Directed Therapies. 2020 , 93, 81-95	3
310	Coordination of retrotransposons and type I interferon with distinct interferon pathways in dermatomyositis, systemic lupus erythematosus and autoimmune blistering disease. 2021 , 11, 23146	0
309	Structural and mutational analysis of member-specific STAT functions. 2021 , 1866, 130058	1
308	IL-6 induced cGGBP2 encodes a novel protein to promote cell growth and metastasis in intrahepatic cholangiocarcinoma. 2021 ,	6
307	High-Throughput RNA Sequencing Reveals the Effect of NB-UVB Phototherapy on Major Inflammatory Molecules of Lesional Psoriasis. 2021 , 11, 133-149	0
306	Two novel STAT1 mutations cause Mendelian susceptibility to mycobacterial disease. 2021 , 591, 124-124	0
305	STAT proteins: a kaleidoscope of canonical and non-canonical functions in immunity and cancer. 2021 , 14, 198	4
304	The JAK/STAT signaling pathway: from bench to clinic. 2021 , 6, 402	47
303	Modulation of JAK/STAT Pathways in Cancer by Phytochemicals. 2021 , 1-12	

302	Baicalin ameliorates 2,4-dinitrochlorobenzene-induced atopic dermatitis-like skin lesions in mice through modulating skin barrier function, gut microbiota and JAK/STAT pathway.. 2021 , 119, 105538	1
301	JAK/STAT signaling regulates the Harmonia axyridis leg regeneration by coordinating cell proliferation.. 2022 , 483, 98-106	1
300	Novel Anti-inflammatory and Anti-fibrotic Agents for Diabetic Kidney Disease-From Bench to Bedside.. 2021 , 28, 378-390	5
299	The Fairy Chemical Imidazole-4-carboxamide Inhibits the Expression of Axl, PD-L1, and PD-L2 and Improves Response to Cisplatin in Melanoma.. 2022 , 11,	2
298	Prostate cancer immunotherapy.. 2022 , 1-14	2
297	Current understanding of the role of tyrosine kinase 2 signaling in immune responses.. 2022 , 13, 1-14	3
296	SnapshotDx Quiz: January 2022.. 2022 , 142, e1-e8	
295	The Janus kinase inhibitor (baricitinib) suppresses the rheumatoid arthritis active marker gliostatin/thymidine phosphorylase in human fibroblast-like synoviocytes.. 2022 , 70, 208	1
294	Tofacitinib enhances interferon- γ -induced expression of major histocompatibility complex class II in macrophages.. 2021 , 915, 174564	0
293	A Novel Humanized Anti-Interleukin-6 Antibody HZ0408b With Anti-Rheumatoid Arthritis Therapeutic Potential.. 2021 , 12, 816646	2
292	Biomarkers for response to immune checkpoint inhibitors in gastrointestinal cancers.. 2022 , 14, 19-37	0
291	Animal Model of Severe Fever With Thrombocytopenia Syndrome Virus Infection.. 2021 , 12, 797189	0
290	Modulation of JAK/STAT Pathways in Cancer by Phytochemicals. 2022 , 1395-1405	
289	Impact of Hepatitis C Virus Infection of Peripheral Blood Mononuclear Cells on the Immune System. 2022 , 1,	0
288	Interferons reshape the 3D conformation and accessibility of macrophage chromatin.. 2022 , 25, 103840	3
287	Evolution and expression analysis of STAT family members in blunt snout bream (<i>Megalobrama amblycephala</i>).. 2022 , 121, 316-321	0
286	Interferon Alpha Induces Cellular Autophagy and Modulates Hepatitis B Virus Replication.. 2022 , 12, 804011	1
285	Porcine circovirus type 2 infection inhibits the activation of type I interferon signaling via capsid protein and host gC1qR.. 2022 , 266, 109354	1

284	Immunoediting in SARS-CoV-2: Mutual relationship between the virus and the host.. 2022 , 105, 108531	0
283	SRSF1 as a novel interacting partner for IFITM1/3 unravels the emergent role of IFITM1/3 mediating protein expression.	
282	Pathological relevance and treatment perspective of JAK targeting in systemic lupus erythematosus.. 2022 ,	0
281	Targeting the KCa3.1 channel suppresses diabetes-associated atherosclerosis via the STAT3/CD36 axis.. 2022 , 109776	0
280	Gas6 induces inflammation and reduces plaque burden but worsens behavior in a sex-dependent manner in the APP/PS1 model of Alzheimer's disease.. 2022 , 19, 38	1
279	Stat4 rs7574865 polymorphism promotes the occurrence and progression of hepatocellular carcinoma via the Stat4/CYP2E1/FGL2 pathway.. 2022 , 13, 130	2
278	The Impact of Rubella Virus Infection on a Secondary Inflammatory Response in Polarized Human Macrophages.. 2021 , 12, 772595	1
277	MHC class I-subversive gene functions of cytomegalovirus and their regulation by interferons-an intricate balance. 2000 , 21, 39-47	6
276	Angiotensin II induces gene transcription through cell-type-dependent effects on the nuclear factor-kappaB (NF-kappaB) transcription factor. 2000 , 212, 155-69	59
275	The role of Jak/STAT signaling in heart tissue renin-angiotensin system. 2000 , 212, 171-5	13
274	Cr (VI) increases tyrosine phosphorylation through reactive oxygen species-mediated reactions. 2001 , 222, 199-204	10
273	Protein Network Analysis Reveals a Functional Connectivity of Dysregulated Processes in ALS and SMA.. 2022 , 17, 26331055221087740	0
272	Dysregulated cell-signaling pathways in hepatocellular carcinoma: causes and therapeutic options. 2022 , 337-355	
271	JAK-STAT pathway in the vitiligo pathogenesis and therapy with Janus kinase inhibitors. 2022 , 21, 8	
270	Hypothesis: Emerging Roles for Aryl Hydrocarbon Receptor in Orchestrating CoV-2-Related Inflammation.. 2022 , 11,	0
269	Macrophages and Metabolic Reprograming in the Tumor Microenvironment.. 2022 , 12, 795159	2
268	Affecting the effectors: JAK inhibitors modulation of immune cell numbers and functions in patients with rheumatoid arthritis.. 2022 ,	0
267	Pharmacological perturbation of CXCL1 signaling alleviates neuropathogenesis in a model of HEVA71 infection.. 2022 , 13, 890	

266	Immunotherapeutic Approaches for Glioblastoma Treatment.. 2022 , 10,	1
265	Challenges of the Immunotherapy: Perspectives and Limitations of the Immune Checkpoint Inhibitor Treatment.. 2022 , 23,	2
264	Molecular Mechanisms Driving IL-10- Producing B Cells Functions: STAT3 and c-MAF as Underestimated Central Key Regulators?. 2022 , 13, 818814	0
263	Targeting Janus Kinase (JAK) for Fighting Diseases: The Research of JAK Inhibitor Drugs.. 2022 ,	
262	Role of JAK inhibitors in myeloproliferative neoplasms: current point of view and perspectives.. 2022 , 1	3
261	Avian influenza viruses suppress innate immunity by inducing trans-transcriptional readthrough via SSU72.. 2022 ,	1
260	Regulation of Cell-Signaling Pathways by Berbamine in Different Cancers.. 2022 , 23,	0
259	A chemical probe inhibitor targeting STAT1 restricts cancer stem cell traits and angiogenesis in colorectal cancer.. 2022 , 29, 20	0
258	Targeting Cancer Cell Ferroptosis to Reverse Immune Checkpoint Inhibitor Therapy Resistance.. 2022 , 10, 818453	2
257	JAK-STAT core cancer pathway: An integrative cancer interactome analysis.. 2022 ,	2
256	Inhibition of the IFN- γ /JAK/STAT Pathway by MERS-CoV and SARS-CoV-1 Proteins in Human Epithelial Cells.. 2022 , 14,	0
255	Rheumatoid Arthritis and JAK-STAT Inhibitors: Prospects of Topical Delivery. 2022 , 17,	
254	Signal transducer and activator of transcription family is a prognostic marker associated with immune infiltration in endometrial cancer.. 2022 , e24315	2
253	Biological Hallmarks and Emerging Strategies to Target STAT3 Signaling in Multiple Myeloma.. 2022 , 11,	0
252	JAK inhibitors: Special Issue Foreword.. 2022 ,	1
251	Let's Get Physical: Flavivirus-Host Protein-Protein Interactions in Replication and Pathogenesis.. 2022 , 13, 847588	2
250	Transcriptome profiling of the nonlactating mammary glands of dairy goats reveals the molecular genetic mechanism of mammary cell remodeling.. 2022 ,	0
249	The RNA helicase DDX3 promotes IFN β transcription via enhancing IRF-3/p300 holocomplex binding to the IFN β promoter.. 2022 , 12, 3967	1

248	STAT1 and Its Crucial Role in the Control of Viral Infections.. 2022 , 23,	2
247	Novel inhibitors of the STAT3 signaling pathway: an updated patent review (2014-present).. 2022 ,	1
246	Structure-activity relationship studies on O-alkylamino-tethered salicylamide derivatives with various amino acid linkers as potent anticancer agents.. 2022 , 234, 114229	
245	Chromatin-Remodeling Factor BRG1 Is a Negative Modulator of in IFN β -stimulated and Infected THP-1 Cells.. 2022 , 12, 860058	0
244	Stratification of COVID-19 patients based on quantitative immune-related gene expression in whole blood.. 2022 , 145, 17-26	1
243	Lipid rafts as viral entry routes and immune platforms: A double-edged sword in SARS-CoV-2 infection?. 2022 , 1867, 159140	0
242	Regulation of mitochondrial morphology and metabolism by Jak-STAT pathway. 2021 , 36, 189-193	
241	Jakinibs of All Trades: Inhibiting Cytokine Signaling in Immune-Mediated Pathologies.. 2021 , 15,	2
240	The parapoxvirus Orf virus gene encodes an antagonist of the interferon response. 2021 , 102,	0
239	Toxoplasma-proximal and distal control by GBPs in human macrophages.. 2021 ,	1
238	The pathogenicity and virulence of .. 2021 , 12, 3095-3114	3
237	The regulation of shrimp metabolism by the white spot syndrome virus (WSSV).	0
236	Lithium inhibits tryptophan catabolism via the inflammation-induced kynurenine pathway in human microglia. 2021 ,	2
235	Role of JAK-STAT and PPAR-Gamma Signalling Modulators in the Prevention of Autism and Neurological Dysfunctions.. 2022 , 1	0
234	Porcine Epidemic Diarrhea Virus nsp7 Inhibits Interferon-Induced JAK-STAT Signaling through Sequestering the Interaction between KPNA1 and STAT1.. 2022 , e0040022	2
233	Data_Sheet_1.docx. 2018 ,	
232	Image_1.pdf. 2018 ,	
231	Data_Sheet_1.pdf. 2020 ,	

230 Image_1.pdf. **2020**,

229 Image_2.pdf. **2020**,

228 Image_3.pdf. **2020**,

227 Table_1.XLSX. **2020**,

226 Table_2.XLSX. **2020**,

225 Table_3.XLSX. **2020**,

224 Presentation_1.pdf. **2020**,

223 Image_1.JPEG. **2020**,

222 Image_2.JPEG. **2020**,

221 Image_3.JPEG. **2020**,

220 Image_4.JPEG. **2020**,

219 Table_1.XLSX. **2020**,

218 Table_2.XLSX. **2020**,

217 Table_3.docx. **2020**,

216 Table_4.XLSX. **2020**,

215 Data_Sheet_1.PDF. **2018**,

214 Data_Sheet_2.PDF. **2018**,

213 DataSheet_1.docx. **2020**,

212 Data_Sheet_1.pdf. **2019**,

211 Table_1.xlsx. **2018**,

210 Table_2.xlsx. **2018**,

209 Table_1.docx. **2020**,

208 Data_Sheet_1.CSV. **2018**,

207 Data_Sheet_3.ZIP. **2018**,

206 Data_Sheet_4.ZIP. **2018**,

205 Table_1.xlsx. **2018**,

204 The RAG cell line defines a new complementation group of MHC class II deficiency. **1996**, 43, 352-359

203 <i>Clostridium difficile</i> Toxin B: Insights into Its Target Genes. **2022**, 12, 368-386

202 OUP accepted manuscript.

3

201 Surgical Strikes on Host Defenses: Role of the Viral Protease Activity in Innate Immune Antagonism. **2022**, 11, 522

0

200 A child with bronchiectasis, chronic mucocutaneous candidiasis, and hypothyroidism secondary to STAT1 gain-of-function mutation: A case report and review of the literature.. **2022**, 10, e05791

199 Hypoxia as a Modulator of Inflammation and Immune Response in Cancer.. **2022**, 14,

1

198 Structure and mechanism of a novel cytomegaloviral DCAF mediating interferon antagonism.

197 ORF6 protein of SARS-CoV-2 inhibits TRIM25 mediated RIG-I ubiquitination to mitigate type I IFN induction.

196 Benzobis(imidazole) derivatives as STAT3 signal inhibitors with antitumor activity.. **2022**, 65, 116757

1

195 Interleukin-22 exacerbates angiotensin II-induced hypertensive renal injury.. **2022**, 109, 108840

0

- 194 Poly(rC) binding protein 1 represses the translation of STAT3 through 5' UTR.. **2022**, 1
- 193 A Mouse Upper Respiratory Tract Coronavirus Infection Model with OC43 Defines Toll-Like Receptor 2/6 Mediated Innate Immune Protection.
- 192 The Role of Tissue-Resident Macrophages in the Development and Treatment of Inflammatory Bowel Disease. **2022**, 10, 2
- 191 PD-1/PD-L1, MDSC Pathways, and Checkpoint Inhibitor Therapy in Ph(-) Myeloproliferative Neoplasm: A Review. **2022**, 23, 5837 0
- 190 The Role of Indoleamine 2, 3-Dioxygenase 1 in Regulating Tumor Microenvironment. **2022**, 14, 2756 1
- 189 Prevention of ulcerative colitis by Huangqin decoction: reducing the intestinal epithelial cell apoptosis rate through the IFN- γ /JAK/ETS signalling pathway. **2022**, 60, 1116-1125 0
- 188 Shenkang Injection for Treating Renal Fibrosis-Metabonomics and Regulation of E3 Ubiquitin Ligase Smurfs on TGF- β /Smads Signal Transduction. **2022**, 13, 0
- 187 Cytokine Receptors and their Ligands. **2022**,
- 186 Synthetic cannabinoids reduce the inflammatory activity of microglia and subsequently improve neuronal survival in vitro. **2022**, 0
- 185 Interferon-mediated repression of miR -324-5p potentiates necroptosis to facilitate antiviral defense. 0
- 184 3-oxo-C12:2-HSL, quorum sensing molecule from human intestinal microbiota, inhibits pro-inflammatory pathways in immune cells via bitter taste receptors. **2022**, 12, 2
- 183 The extensive transgenerational transcriptomic effects of ocean acidification on the olfactory epithelium of a marine fish are associated with a better viral resistance. **2022**, 23, 0
- 182 Review: Precision Medicine Approaches for Genetic Cardiomyopathy: Targeting Phospholamban R14del. 0
- 181 Purpurin suppresses atopic dermatitis via TNF- α /IFN- γ -Induced inflammation in HaCaT cells. **2022**, 36, 039463202211111 1
- 180 Targeted Degradation of STAT3 via Chaperone-Mediated Autophagy by nanoCMATAC Platform.
- 179 The functional role of miRNAs in inflammatory pathways associated with intestinal epithelial tight junction barrier regulation in IBD. **2022**, 76, 254-267
- 178 Digesting the Role of JAK-STAT and Cytokine Signaling in Oral and Gastric Cancers. 13, 0
- 177 STAT1 is essential for HSC function and maintains MHCIIhi stem cells that resists myeloablation and neoplastic expansion. 2

176	MOTS-c promotes Muscle Differentiation in vitro.. 2022 , 170840	0
175	T Cells With Activated STAT4 Drive the High-Risk Rejection State to Renal Allograft Failure After Kidney Transplantation. 13,	0
174	Ferroptosis in Intrahepatic Cholangiocarcinoma: IDH1105GGT Single Nucleotide Polymorphism Is Associated With Its Activation and Better Prognosis. 9,	0
173	Exploring immunotherapy in colorectal cancer. 2022 , 15,	5
172	Tembusu Virus Nonstructural Protein 2B Antagonizes Type I Interferon Production by Targeting MAVS for Degradation.	1
171	The Role of Long Non-Coding RNAs in Epithelial-Mesenchymal Transition-Related Signaling Pathways in Prostate Cancer. 9,	
170	Novel Prognostic Value of Nuclear Epidermal Growth Factor Receptor in Breast Cancer. 2005 , 65, 338-348	66
169	MOLECULAR BIOLOGY OF CYTOKINES IN ALLERGIC DISEASES AND ASTHMA. 1996 , 16, 613-642	
168	AG490 inhibits G1-S traverse in BALB/c-3T3 cells following either mitogenic stimulation or exogenous expression of E2F-1. 2004 , 3, 205-213	1
167	Inhibition of constitutive signal transducer and activator of transcription 3 activation by novel platinum complexes with potent antitumor activity. 2004 , 3, 1533-1542	55
166	Erythropoietin induces cancer cell resistance to ionizing radiation and to cisplatin. 2004 , 3, 1525-1532	24
165	Cardiovascular safety, cancer and Jak-inhibitors: differences to be highlighted. 2022 , 106359	0
164	Modulation of macrophage inflammatory function through selective inhibition of the epigenetic reader protein SP140. 2022 , 20,	1
163	African Swine Fever Virus pI215L Inhibits Type I Interferon Signaling by Targeting Interferon Regulatory Factor 9 for Autophagic Degradation.	2
162	Roles and functions of SARS-CoV-2 proteins in host immune evasion. 13,	4
161	STAT family of transcription factors in breast cancer: Pathogenesis and therapeutic opportunities and challenges. 2022 ,	0
160	The multifaceted role of STAT3 pathway and its implication as a potential therapeutic target in oral cancer.	0
159	Emergent Role of IFITM1/3 towards Splicing Factor (SRSF1) and Antigen-Presenting Molecule (HLA-B) in Cervical Cancer. 2022 , 12, 1090	

- 158 ADAR1 Prevents Autoinflammatory Processes in the Heart Mediated by IRF7. 1
- 157 New and Upcoming Topical Treatments for Atopic Dermatitis: A Review of the Literature. **2022**, 11, 4974 2
- 156 IFN- β should not be ignored in SLE. 13, 0
- 155 Cytokines Activate JAK/STAT Signaling Pathway in MG-63 Cells on Titanium and Zirconia. **2022**, 15, 5621
- 154 Sorafenib suppresses radioresistance and synergizes radiotherapy-mediated CD8+ T cell activation to eradicate hepatocellular carcinoma. **2022**, 112, 109110 0
- 153 Typ-1-Interferonopathien. **2022**, 42, 236-240 0
- 152 The involvement of an interferon-induced protein 44-like (CgIFI44L) in the antiviral immune response of *Crassostrea gigas*. **2022**, 129, 96-105 0
- 151 Cancer prognosis and immune system. **2022**, 75-144 0
- 150 Pathway and Genomics of Immunomodulator Natural Products. **2022**, 83-114 0
- 149 Discovery of STAT3 Inhibitors: Recent Advances and Future Perspective.. **2022**, 29, 0
- 148 Treatment with a JAK1/2 inhibitor ameliorates murine autoimmune cholangitis induced by IFN overexpression. **2022**, 19, 1130-1140 0
- 147 Modulating cholesterol-rich lipid rafts to disrupt influenza A virus infection. 13, 0
- 146 STAT3 cooperates with the core transcriptional regulatory circuitry to drive MYC expression and oncogenesis in anaplastic large cell lymphoma. 0
- 145 Macrophage-specific inhibition of the histone demethylase JMJD3 decreases STING and pathologic inflammation in diabetic wound repair. 0
- 144 Synthesis and Evaluation of Naphthalene Derivatives as Potent STAT3 inhibitors and Agents Against Triple-Negative Breast Cancer Growth and Metastasis. 0
- 143 Foot-and-Mouth Disease Virus: Molecular Interplays with IFN Response and the Importance of the Model. **2022**, 14, 2129 1
- 142 STAT1 is required to establish but not maintain IFN-induced transcriptional memory. 0
- 141 Immunoprofiling of monocytes in STAT1 gain-of-function chronic mucocutaneous candidiasis. 13, 0

- 140 Selective inhibitors of JAK1 targeting an isoform-restricted allosteric cysteine. 4
- 139 The Interaction of the IFN γ /JAK/STAT1 and JAK/STAT3 Signalling Pathways in EGFR-Mutated Lung Adenocarcinoma Cells. **2022**, 2022, 1-16 0
- 138 Effects of the POMC System on Glucose Homeostasis and Potential Therapeutic Targets for Obesity and Diabetes. Volume 15, 2939-2950 1
- 137 Downregulation of SOCS1 increases interferon-induced ISGylation during differentiation of induced-pluripotent stem cells to hepatocytes. **2022**, 100592 0
- 136 Tyk2 is a tumor suppressor in colorectal cancer. **2022**, 11, 0
- 135 IKK β kinase coordinates BRD4 and STAT3 signaling to subvert DNA damage-based anticancer therapy. 0
- 134 Cancer Resistance to Immunotherapy: Molecular Mechanisms and Tackling Strategies. **2022**, 23, 10906 0
- 133 Genomic Mutations of the STAT5 Transcription Factor Are Associated with Human Cancer and Immune Diseases. **2022**, 23, 11297 0
- 132 Immunology of hepatitis D virus infection: general concepts and present evidence. 0
- 131 UNC13D inhibits STING signaling by attenuating its oligomerization on the endoplasmic reticulum. 0
- 130 A balance between vector survival and virus transmission is achieved through JAK/STAT signaling inhibition by a plant virus. **2022**, 119, 0
- 129 Single cell transcriptomics of human prenatal anterior foregut-derived organs identifies distinct developmental signatures directing commitment and specialization of the thymic epithelial stroma. 0
- 128 Targeted pharmacokinetics and bioinformatics screening strategy reveals JAK2 as the main target for Xin-Ji-Er-Kang in treatment of MIR injury. **2022**, 155, 113792 0
- 127 Cloning, Exogenous Expression and Function Analysis of Interferon β from *Gadus macrocephalus*. **2022**, 14, 2304 0
- 126 STAT3 and Its Targeting Inhibitors in Oral Squamous Cell Carcinoma. **2022**, 11, 3131 1
- 125 Go-Ichi-Ni-San 2: A potential biomarker and therapeutic target in human cancers. 14, 1892-1902 0
- 124 Non-canonical JAK1/STAT3 interactions with TGF β modulate myofibroblast trans-differentiation and fibrosis. 0
- 123 Discovering hub genes involved in the pathophysiological impact of COVID-19 on diabetes kidney disease by differential gene expression and interactome analysis. 0

- 122 Nicotinamide N-Methyltransferase Remodeled Cell Metabolism and Aggravated Proinflammatory Responses by Activating STAT3/IL1 β /PGE2 Pathway. **2022**, 7, 37509-37519 ○
- 121 SEC5 is involved in M2 polarization of macrophages via the STAT6 pathway, and its dysfunction in decidual macrophages is associated with recurrent spontaneous abortion. 10, ○
- 120 Glucagon induces the hepatic expression of inflammatory markers in vitro and in vivo. ○
- 119 A Systematic Review of Atopic Dermatitis: The Intriguing Journey Starting from Physiopathology to Treatment, from Laboratory Bench to Bedside. **2022**, 10, 2700 ○
- 118 A Narrative Review of STAT Proteins in Diabetic Retinopathy: From Mechanisms to Therapeutic Prospects. **2022**, 11, 2005-2026 ○
- 117 Viral transduction of primary human lymphoma B cells reveals mechanisms of NOTCH-mediated immune escape. **2022**, 13, ○
- 116 Neuroinflammation in retinitis pigmentosa: Therapies targeting the innate immune system. 13, 2
- 115 OTUB2 exerts tumor-suppressive roles via STAT1-mediated CALML3 activation and increased phosphatidylserine synthesis. **2022**, 41, 111561 ○
- 114 HSPB8 facilitates prostate cancer progression via activating JAK/STAT3 signaling pathway. ○
- 113 Dynamic inflammatory changes of the neurovascular units after ischemic stroke. **2022**, 190, 140-151 1
- 112 Structural optimization of Imidazo[1, 2-a]pyridine derivatives for the treatment of gastric cancer via STAT3 signaling pathway. **2022**, 244, 114858 ○
- 111 Dual Role of Interferon in Cancer Immunity. **2022**, 1-23 ○
- 110 Human IFNAR2 Mutant Generated by CRISPR/Cas9-Induced Exon Skipping Upregulates a Subset of Tonic-Like Interferon-Stimulated Genes Upon IFN β Stimulation. **2022**, 42, 580-589 ○
- 109 JAK-STAT signaling pathway-related gene single nucleotide polymorphisms and susceptibility to ankylosing spondylitis in eastern Chinese Han population. ○
- 108 Synthesis and evaluation of naphthalene derivatives as potent STAT3 inhibitors and agents against triple-negative breast cancer growth and metastasis. ○
- 107 Role of prostaglandin E2 in macrophage polarization: Insights into atherosclerosis. **2023**, 207, 115357 1
- 106 The origin and loss of interferon regulatory factor 10 (IRF10) in different lineages of vertebrates. **2023**, 854, 147083 ○
- 105 In-depth analysis of the expression and functions of signal transducers and activators of transcription in human ovarian cancer. 12, ○

104	Emerging Roles of Type-I Interferons in Neuroinflammation, Neurological Diseases, and Long-Haul COVID. 2022 , 23, 14394	0
103	Inborn errors of immunity with loss- and gain-of-function germline mutations in STAT1.	0
102	Mechanism of herpesvirus protein kinase UL13 in immune escape and viral replication. 13,	0
101	A randomized, double-blind, placebo-controlled phase I trial of inhalation treatment of recombinant TFF2-IFN protein: A multifunctional candidate for the treatment of COVID-19. 13,	0
100	Activation of OSM-STAT3 Epigenetically Regulates Tumor-Promoting Transcriptional Programs in Cervical Cancer. 2022 , 14, 6090	0
99	Pharmacological Modulation of the Crosstalk between Aberrant Janus Kinase Signaling and Epigenetic Modifiers of the Histone Deacetylase Family to Treat Cancer. PHARMREV-AR-2022-000612	0
98	Therapeutic modulation of JAK-STAT, mTOR, and PPAR- δ signaling in neurological dysfunctions.	0
97	Role of STAT3 and NRF2 in Tumors: Potential Targets for Antitumor Therapy. 2022 , 27, 8768	1
96	Molecular Complementarity of Proteomimetic Materials for Target-Specific Recognition and Recognition-Mediated Complex Functions. 2208309	0
95	Negative regulation of interferon regulatory factor 6 (IRF6) in interferon and NF- κ B signalling pathways of common carp (<i>Cyprinus carpio</i> L.). 2022 , 18,	1
94	Interferon Family Cytokines in Obesity and Insulin Sensitivity. 2022 , 11, 4041	0
93	Identification of Distinct Regions of 5' Flanking DNA That Mediate Constitutive, IFN- γ -STAT1, and TGF- β -Regulated Expression of the Class II Transactivator Gene. 1998 , 160, 233-240	27
92	Thymic Stromal Lymphopoietin: A Cytokine That Promotes the Development of IgM+ B Cells In Vitro and Signals Via a Novel Mechanism. 1999 , 162, 677-683	37
91	African swine fever virus ubiquitin-conjugating enzyme pI215L inhibits IFN-I signaling pathway through STAT2 degradation. 13,	1
90	Characterization and Mapping to Human Chromosome 8q24.3 of Ly-6-Related Gene 9804 Encoding an Apparent Homologue of Mouse TSA-1. 1998 , 160, 197-208	3
89	Triggering of Peritoneal Macrophages with IFN- γ Attenuates the Expression of Inducible Nitric Oxide Synthase Through a Decrease in NF- κ B Activation. 1998 , 160, 2889-2895	13
88	Antiviral Activities of Individual Murine IFN- β Subtypes In Vivo: Intramuscular Injection of IFN Expression Constructs Reduces Cytomegalovirus Replication. 1998 , 160, 2932-2939	9
87	Regulation of Cell Growth by IL-2: Role of STAT5 in Protection from Apoptosis But Not in Cell Cycle Progression. 1998 , 160, 3502-3512	22

86	IFN- γ Induction of the Human Monocyte Chemoattractant Protein (hMCP)-1 Gene in Astrocytoma Cells: Functional Interaction Between an IFN- γ Activated Site and a GC-Rich Element. 1998 , 160, 3908-3916	18
85	Type I IFNs Inhibit Human Dendritic Cell IL-12 Production and Th1 Cell Development. 1998 , 160, 4298-4304	44
84	Analysis of the IFN- γ Signaling Pathway in Macrophages at Different Stages of Maturation. 1998 , 160, 4337-4342	7
83	Characterization of the Mouse PA28 Activator Complex Gene Family: Complete Organizations of the Three Member Genes and a Physical Map of the ~150-kb Region Containing the β and β Subunit Genes. 1998 , 160, 4923-4935	9
82	Macrophage-Derived Nitric Oxide Regulates T Cell Activation via Reversible Disruption of the Jak3/STAT5 Signaling Pathway. 1998 , 160, 5729-5734	67
81	IFN- γ Priming Up-Regulates IFN-Stimulated Gene Factor 3 (ISGF3) Components, Augmenting Responsiveness of IFN-Resistant Melanoma Cells to Type I IFNs. 1998 , 160, 5475-5484	12
80	Differential Regulation of the Janus Kinase-STAT Pathway and Biologic Function of IL-13 in Primary Human NK and T Cells: A Comparative Study with IL-4. 1998 , 161, 218-227	14
79	Regulation of IL-6 Signaling by p53: STAT3- and STAT5-Masking in p53-Val135-Containing Human Hepatoma Hep3B Cell Lines. 1998 , 161, 325-334	9
78	Cutting Edge: Identification of an Additional Isoform of STAT5 Expressed in Immature Macrophages. 1998 , 161, 1594-1597	4
77	TGF- β Inhibits IL-12-Induced Activation of Jak-STAT Pathway in T Lymphocytes. 1998 , 161, 1772-1777	32
76	Antagonistic Action of IFN- α and IFN- β on High Affinity Fc γ Receptor Expression in Healthy Controls and Multiple Sclerosis Patients. 1998 , 161, 1568-1574	4
75	Novel Regulation of Cyclooxygenase-2 Expression and Prostaglandin E2 Production by IFN- γ in Human Macrophages. 1998 , 161, 2441-2448	19
74	Evidence for IL-12-Activated Ca ²⁺ and Tyrosine Signaling Pathways in Human Neutrophils. 1998 , 161, 3737-3745	7
73	A Complex Element Regulates IFN- γ Stimulated Monocyte Chemoattractant Protein-1 Gene Transcription. 1998 , 161, 3719-3728	15
72	p48/STAT-1 β Containing Complexes Play a Predominant Role in Induction of IFN- γ Inducible Protein, 10 kDa (IP-10) by IFN- γ Alone or in Synergy with TNF- α 1998 , 161, 4736-4744	32
71	Attenuation of HLA-DR Expression by Mononuclear Phagocytes Infected with Mycobacterium tuberculosis Is Related to Intracellular Sequestration of Immature Class II Heterodimers. 1998 , 161, 4882-4893 ³²	
70	Vasoactive Intestinal Peptide and Pituitary Adenylate Cyclase-Activating Polypeptide Prevent Inducible Nitric Oxide Synthase Transcription in Macrophages by Inhibiting NF- κ B and IFN Regulatory Factor 1 Activation. 1999 , 162, 4685-4696	36
69	Human Cytomegalovirus Inhibits IFN- γ Stimulated Antiviral and Immunoregulatory Responses by Blocking Multiple Levels of IFN- γ Signal Transduction. 1999 , 162, 6107-6113	21

68	Tyrphostin B42 Inhibits IL-12-Induced Tyrosine Phosphorylation and Activation of Janus Kinase-2 and Prevents Experimental Allergic Encephalomyelitis. 1999 , 162, 6255-6262	11
67	Negative Regulation by Protein Tyrosine Phosphatase of IFN- γ -Dependent Expression of Inducible Nitric Oxide Synthase. 1999 , 162, 6776-6783	4
66	Complex Regulation of Ly-6E Gene Transcription in T Cells by IFNs. 1999 , 163, 811-819	4
65	Human IL-3 Stimulates Endothelial Cell Motility and Promotes In Vivo New Vessel Formation. 1999 , 163, 2151-2159	8
64	Transactivation of Classical and Nonclassical HLA Class I Genes Through the IFN-Stimulated Response Element. 1999 , 163, 1428-1434	25
63	Cutting Edge: TCR Stimulation by Antibody and Bacterial Superantigen Induces Stat3 Activation in Human T Cells. 1999 , 163, 1742-1745	5
62	Mycobacterium avium Infection of Mouse Macrophages Inhibits IFN- γ -Janus Kinase-STAT Signaling and Gene Induction by Down-Regulation of the IFN- γ Receptor. 1999 , 163, 2041-2048	11
61	Attenuation of MHC Class II Expression in Macrophages Infected with Mycobacterium bovis Bacillus Calmette-Guerin Involves Class II Transactivator and Depends on the Nramp1 Gene. 1999 , 163, 2688-2696	15
60	Lipopolysaccharide Induces in Macrophages the Synthesis of the Suppressor of Cytokine Signaling 3 and Suppresses Signal Transduction in Response to the Activating Factor IFN- γ . 1999 , 163, 2640-2647	42
59	Mycobacterium tuberculosis Inhibits IFN- γ Transcriptional Responses Without Inhibiting Activation of STAT1. 1999 , 163, 3898-3906	25
58	Paired Stat6 C-Terminal Transcription Activation Domains Required Both for Inhibition of an IFN-Responsive Promoter and Trans-Activation. 1999 , 163, 4663-4672	10
57	Analysis of the Defect in IFN- γ Induction of MHC Class II Genes in G1B Cells: Identification of a Novel and Functionally Critical Leucine-Rich Motif (62-LYLYLQL-68) in the Regulatory Factor X 5 Transcription Factor. 1999 , 163, 6622-6630	4
56	Contributions of Leukemia Inhibitory Factor Receptor and Oncostatin M Receptor to Signal Transduction in Heterodimeric Complexes with Glycoprotein 130. 1999 , 163, 6651-6658	13
55	The JAK/STAT/BOCS Signaling Cascade. 2016 , 162-179	0
54	A five-pseudouridylation-associated-LncRNA classifier for primary prostate cancer prognosis prediction. 13,	0
53	Targeting type I interferons in systemic lupus erythematosus. 13,	0
52	The Role of JAK/STAT Pathway in Fibrotic Diseases: Molecular and Cellular Mechanisms. 2023 , 13, 119	0
51	The ups and downs of STAT3 function: too much, too little and human immune dysregulation.	0

- 50 STAT proteins in cancer: orchestration of metabolism. ○
- 49 Innate sensing and cellular metabolism: role in fine tuning antiviral immune responses. ○
- 48 Protective effects of blocking PD-1 pathway on retinal ganglion cells in a mouse model of chronic ocular hypertension. 13, ○
- 47 Breaking through the therapeutic ceiling of inflammatory bowel disease: Dual-targeted therapies. **2023**, 158, 114174 ○
- 46 A Multi-Omics Approach Reveals Features That Permit Robust and Widespread Regulation of IFN-Inducible Antiviral Effectors. **2022**, 209, 1930-1941 ○
- 45 Endogenous Retrovirus Elements Are Co-Expressed with IFN Stimulation Genes in the JAK/STAT Pathway. **2023**, 15, 60 ○
- 44 Novel Dimeric Architecture of an IFN-Related Cytokine Provides Insights into Subfunctionalization of Type II IFNs in Teleost Fish. **2022**, 209, 2203-2214 ○
- 43 SPNE: sample-perturbed network entropy for revealing critical states of complex biological systems. ○
- 42 Approved Small-Molecule ATP-Competitive Kinases Drugs Containing Indole/Azaindole/Oxindole Scaffolds: R&D and Binding Patterns Profiling. **2023**, 28, 943 ○
- 41 Transcription Factors and Cancer. **2023**, 29, 38-46 ○
- 40 The research development of STAT3 in hepatic ischemia-reperfusion injury. 14, ○
- 39 Glycolytic Pfkfb acts as a Lin41 protein kinase to promote endodermal differentiation of embryonic stem cells. ○
- 38 Phosphorylation of interferon regulatory factor 9 (IRF9). ○
- 37 A critical review of upadacitinib for the treatment of adults with moderately to severely active ulcerative colitis. 1-9 ○
- 36 Evolution and emergence of primate-specific interferon regulatory factor 9. **2023**, 95, ○
- 35 Inhibitory Effect of Astragalus Polysaccharide on Premetastatic Niche of Lung Cancer through the S1PR1-STAT3 Signaling Pathway. **2023**, 2023, 1-10 ○
- 34 IMB-0523 Inhibits Enterovirus 71 Replication by Activating Signal Transducer and Activator of Transcription 3 Signaling to Upregulate Interferon-Stimulated Genes Expression. **2023**, 3, 13-19 ○
- 33 Janus kinase 1 in Megalobrama amblycephala: Identification, phylogenetic analysis and expression profiling after Aeromonas hydrophila infection. **2023**, 135, 108620 ○

- 32 JAK inhibitors for rheumatoid arthritis. **2023**, 32, 333-344 ○
- 31 Selective JAK1 inhibitors for the treatment of inflammatory bowel disease. **2023**, 245, 108402 ○
- 30 Exploring the molecular pathways and therapeutic implications of angiogenesis in neuropathic pain. **2023**, 162, 114693 ○
- 29 Double-edged roles of IFN γ in tumor elimination and immune escape. **2023**, 6, 8-17 ○
- 28 Epigenetic modification of CSDE1 locus dictates immune recognition of nascent tumorigenic cells. **2023**, 15, ○
- 27 Type I Interferonopathy due to a Homozygous Loss-of-Inhibitory Function Mutation in STAT2. **2023**, 43, 808-818 ○
- 26 Structural mechanism of CRL4-instructed STAT2 degradation via a novel cytomegaloviral DCAF receptor. **2023**, 42, ○
- 25 Germline protein, Cup, non-cell autonomously limits migratory cell fate in *Drosophila* oogenesis. **2023**, 19, e1010631 ○
- 24 Characterization of Red Sea Bream (*Pagrus major*) Interferon Regulatory Factor 5 and 6 Genes and Their Expression in Response to RSIV Infection. **2023**, 8, 114 ○
- 23 African Swine Fever Virus MGF505-7R Interacts with Interferon Regulatory Factor 9 to Evade the Type I Interferon Signaling Pathway and Promote Viral Replication. **2023**, 97, ○
- 22 Neuroprotective Properties of Peptides. ○
- 21 Direct cellular targets and anticancer mechanisms of the natural product oridonin. **2023**, 2, ○
- 20 The role of interleukin-6 and janus kinases in the pathogenesis, and treatment of SARS-CoV-2. **2022**, 9, 17-32 ○
- 19 Phosphorylated signal transducer and activator of transcription proteins 1 in salivary glandular tissue: an important histological marker for diagnosis of primary Sjögren's syndrome. **2023**, 9, e002694 ○
- 18 UCK2 promotes the proliferation, migration, and invasion of trophoblast cells in preeclampsia by activating the STAT3 pathway. **2023**, 47, 837-847 ○
- 17 Exploring Novel Therapeutic Opportunities for Glioblastoma Using Patient-Derived Cell Cultures. **2023**, 15, 1562 ○
- 16 Pan-cancer analysis reveals signal transducer and activator of transcription (STAT) gene family as biomarkers for prognostic prediction and therapeutic guidance. 14, ○
- 15 MKRN2 knockout causes male infertility through decreasing STAT1, SIX4, and TNC expression. 14, ○

- 14 Cold Storage Followed by Transplantation Induces Interferon-Gamma and STAT-1 in Kidney Grafts. **2023**, 24, 5468
- 13 3Cpro of FMDV inhibits type II interferon-stimulated JAK-STAT signaling pathway by blocking STAT1 nuclear translocation. **2023**,
- 12 Regulation of Cell Plasticity by Bromodomain and Extraterminal Domain (BET) Proteins: A New Perspective in Glioblastoma Therapy. **2023**, 24, 5665
- 11 The JAK-STAT pathway promotes persistent viral infection by activating apoptosis in insect vectors. **2023**, 19, e1011266
- 10 Cancer Immunotherapy: A Brief History, The Latest Development of Typical Subtypes and Therapy Combination. 30, 34-43
- 9 JAK inhibitors in dermatology: the road travelled and path ahead, a narrative review. **2023**, 16, 279-295
- 8 Docking and Selectivity Studies of Covalently Bound Janus Kinase 3 Inhibitors. **2023**, 24, 6023
- 7 Porcine epidemic diarrhea virus (PEDV) ORF3 protein inhibits cellular type I interferon signaling through down-regulating proteins expression in RLRs-mediated pathway. **2023**,
- 6 Crosstalk between phytochemicals and inflammatory signaling pathways.
- 5 Development of Amino Acid Metabolism-Related Prognostic Model and Immune Infiltration Analysis in Patients with Stomach Adenocarcinoma.
- 4 STAT3 Inhibition Attenuates MYC Expression by Modulating Co-Activator Recruitment and Suppresses Medulloblastoma Tumor Growth by Augmenting Cisplatin Efficacy In Vivo. **2023**, 15, 2239
- 3 Assessing the causality of IFN- λ and IFN- λ receptor 1/2 with systemic lupus erythematosus risk using genetic data.
- 2 Lycium barbarum polysaccharide alleviates dextran sodium sulfate-induced inflammatory bowel disease by regulating M1/M2 macrophage polarization via the STAT1 and STAT6 pathways. 14,
- 1 Role of JAK-STAT signaling pathway in pathogenesis and treatment of primary Sjögren's syndrome. Publish Ahead of Print,