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Apoptosis by death factor

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2315	Anti-CD3-activated killer T cells: Interleukin-6 modulates the induction of major histocompatibility complex-unrestricted cytotoxicity and the expression of genes coding for cytotoxic effector molecules. 1997 , 17, 727-37		4
2314	Apoptosis in neural development and disease. 1997 , 77, F165-70		41
2313	Nitric oxide and apoptosis. 1999 , 57, 49-77		37
2312	No evidence for involvement of mouse protein-tyrosine phosphatase-BAS-like Fas-associated phosphatase-1 in Fas-mediated apoptosis. 1997 , 272, 30215-20		49
2311	PARP is important for genomic stability but dispensable in apoptosis. 1997 , 11, 2347-58		441
2310	Measles virus suppresses cell-mediated immunity by interfering with the survival and functions of dendritic and T cells. 1997 , 186, 813-23		375
2309	Genomes and DNA conformation. 1997 , 378, 1397-404		7
2308	Characterization of Fas (Apo-1, CD95)-Fas ligand interaction. 1997 , 272, 18827-33		143
2307	The E1B 19K/Bcl-2-binding protein Nip3 is a dimeric mitochondrial protein that activates apoptosis. 1997 , 186, 1975-83		261
2306	Apoptosis, neurotrophic factors and neurodegeneration. 1997 , 8, 223-65		38
2305	Cytotoxic drugs, programmed cell death, and the immune system: defining new roles in an old play. 1997 , 89, 750-1		51
2304	Identification and molecular cloning of two novel receptors for the cytotoxic ligand TRAIL. 1997 , 272, 25417-20		428
2303	Reactive oxygen intermediates are involved in the induction of CD95 ligand mRNA expression by cytostatic drugs in hepatoma cells. 1997 , 272, 28191-3		132
2302	TWEAK, a new secreted ligand in the tumor necrosis factor family that weakly induces apoptosis. 1997 , 272, 32401-10		522
2301	Membrane Fas ligand kills human peripheral blood T lymphocytes, and soluble Fas ligand blocks the killing. 1997 , 186, 2045-50		433

2300	Lack of correlation between activation of Jun-NH2-terminal kinase and induction of apoptosis after detachment of epithelial cells. 1997 , 139, 1017-23	104
2299	Autocrine nitric oxide modulates CD95-induced apoptosis in gammadelta T lymphocytes. 1997 , 272, 23211-5	94
2298	Human homologue of the Drosophila discs large tumor suppressor binds to p56lck tyrosine kinase and Shaker type Kv1.3 potassium channel in T lymphocytes. 1997 , 272, 26899-904	97
2297	Protein-protein interactions are implied in glucocorticoid receptor mutant 465*-mediated cell death. 1997 , 272, 25873-80	15
2296	Characterization of the interactions between PDZ domains of the protein-tyrosine phosphatase PTPL1 and the carboxyl-terminal tail of Fas. 1997 , 272, 20979-81	44
2295	ERM (ezrin/radixin/moesin)-based molecular mechanism of microvillar breakdown at an early stage of apoptosis. 1997 , 139, 749-58	148
2294	Ligation of major histocompatibility complex (MHC) class I molecules on human T cells induces cell death through PI-3 kinase-induced c-Jun NH2-terminal kinase activity: a novel apoptotic pathway distinct from Fas-induced apoptosis. 1997 , 139, 1523-31	72
2293	Intracellular K ⁺ suppresses the activation of apoptosis in lymphocytes. 1997 , 272, 30567-76	372
2292	Requirement of cysteine-rich repeats of the Fas receptor for binding by the Fas ligand. 1997 , 272, 28889-94	41
2291	CD36 mediates the In vitro inhibitory effects of thrombospondin-1 on endothelial cells. 1997 , 138, 707-17	535
2290	Separate domains of the human fas ligand dictate self-association and receptor binding. 1997 , 272, 32221-9	58
2289	Nitric oxide inhibits Fas-induced apoptosis. 1997 , 272, 24125-8	248
2288	A review of experimental methylmercury toxicity in rats: neuropathology and evidence for apoptosis. 1997 , 25, 624-31	93
2287	What does cell death have to do with aging?. 1997 , 45, 1140-6	88
2286	Requirements for proteolysis during apoptosis. 1997 , 17, 6502-7	20
2285	Huntington disease and the related disorder, dentatorubral-pallidoluysian atrophy (DRPLA). 1997 , 76, 305-38	80
2284	Fushi-ka (defective apoptosis) and rheumatic autoimmune diseases: an overview on the regulation of Fas-mediated T cell apoptotic signal transduction. 1997 , 7, 211-234	
2283	Apoptosis in human reproductive tissues: emerging concepts. 1997 , 6, 23-36	6

2282	Regulation of apoptosis by integrin receptors. 1997 , 19, 541-5	18
2281	p28 Bap31, a Bcl-2/Bcl-XL- and procaspase-8-associated protein in the endoplasmic reticulum. 1997 , 139, 327-38	283
2280	Cytokine suppression of protease activation in wild-type p53-dependent and p53-independent apoptosis. 1997 , 94, 9349-53	28
2279	Induction of a receptor-mediated genomic DNA fragmentation in rat thymus following administration of glucocorticoids with different biopotencies: an approach by a cell-free system. 1997 , 44, 677-86	5
2278	Activation of distinct caspase-like proteases by Fas and reaper in Drosophila cells. 1997 , 94, 11951-6	28
2277	Immunohistochemical study of skin lesions in acute and chronic graft versus host disease following bone marrow transplantation. 1997 , 21, 23-34	31
2276	Hormone replacement: therapeutic strategies in the treatment of Alzheimer's disease and ageing-related cognitive disorders. 1997 , 7, 611-629	5
2275	Evolution, Apoptosis, and Autoimmune Diseases. 1997 , 11, 9-16	1
2274	The CrmA- and TPCK-sensitive pathways that trigger oligonucleosome-sized DNA fragmentation in camptothecin-induced apoptosis: relation to caspase activation and high molecular weight DNA fragmentation. 1997 , 75, 359-368	7
2273	Cloning and expression of primate Daxx cDNAs and mapping of the human gene to chromosome 6p21.3 in the MHC region. 1997 , 16, 1289-98	52
2272	The receptor for the cytotoxic ligand TRAIL. 1997 , 276, 111-3	1514
2271	An antagonist decoy receptor and a death domain-containing receptor for TRAIL. 1997 , 277, 815-8	1345
2270	Control of TRAIL-induced apoptosis by a family of signaling and decoy receptors. 1997 , 277, 818-21	1483
2269	Inhibition of caspase-3 by S-nitrosation and oxidation caused by nitric oxide. 1997 , 238, 387-91	205
2268	Three-dimensional structures of proteins involved in programmed cell death. 1997 , 274, 291-302	56
2267	Reversal of EBV immortalization precedes apoptosis in IL-6-induced human B cell terminal differentiation. 1997 , 7, 667-77	54
2266	TRAIL receptors 1 (DR4) and 2 (DR5) signal FADD-dependent apoptosis and activate NF-kappaB. 1997 , 7, 831-6	601
2265	Errors of homeostasis and deregulated apoptosis. 1997 , 7, 589-96	48

2264	Signalling through the neurotrophin receptor p75NTR. 1997 , 7, 413-8	196
2263	Apoptosis in experimental myocardial infarction in situ and in the perfused heart in vitro. 1997 , 29, 733-43	25
2262	A novel suppressor of cell death in plants encoded by the Lls1 gene of maize. <i>Cell</i> , 1997 , 89, 25-31	56.2 238
2261	Daxx, a novel Fas-binding protein that activates JNK and apoptosis. <i>Cell</i> , 1997 , 89, 1067-76	56.2 820
2260	The regulation of anoikis: MEKK-1 activation requires cleavage by caspases. <i>Cell</i> , 1997 , 90, 315-23	56.2 469
2259	Differential involvement of caspases in apoptosis of myeloid leukemic cells induced by chemotherapy versus growth factor withdrawal. 1997 , 409, 207-10	26
2258	Cell death induction by receptors of the TNF family: towards a molecular understanding. 1997 , 410, 96-106	184
2257	Apoptosis induced by HIV-gp120 in a Th1 clone involves the generation of reactive oxygen intermediates downstream CD95 triggering. 1997 , 411, 87-92	11
2256	TNF-alpha induces apoptosis in rat fetal brown adipocytes in primary culture. 1997 , 416, 324-8	44
2255	Characterization of two receptors for TRAIL. 1997 , 416, 329-34	237
2254	Induction of apoptosis and of interleukin-1beta secretion by 7beta-hydroxycholesterol and 7-ketocholesterol: partial inhibition by Bcl-2 overexpression. 1997 , 419, 276-80	54
2253	Apoptose : de la biologie moléculaire aux perspectives thérapeutiques. 1997 , 6, 689-694	
2252	Fas and the immunologically underprivileged intestine. 1997 , 113, 345-8	9
2251	Neurodegenerative disorders in humans: the role of glutathione in oxidative stress-mediated neuronal death. 1997 , 25, 335-58	576
2250	Transgenic mice expressing the intracellular domain of the p75 neurotrophin receptor undergo neuronal apoptosis. 1997 , 17, 6988-98	190
2249	Expression of Fas ligand in liver metastases of human colonic adenocarcinomas. 1997 , 94, 6420-5	225
2248	Defining Apoptosis: Players and Systems. 1997 , 4, 219-228	5
2247	Apoptosis in tumorigenesis and cancer therapy. 1997 , 2, d353-79	41

2246	Activation of hPAK65 by caspase cleavage induces some of the morphological and biochemical changes of apoptosis. 1997 , 94, 13642-7	170
2245	Physiology and pathophysiology of apoptosis in epithelial cells of the liver, pancreas, and intestine. 1997 , 273, G1174-88	74
2244	Gene expression induced by cerebral ischemia: an apoptotic perspective. 1997 , 17, 815-32	224
2243	Mutations in the Fas Antigen in Patients With Multiple Myeloma. 1997 , 90, 4266-4270	202
2242	Comparison of Apoptosis in Wild-Type and Fas-Resistant Cells: Chemotherapy-Induced Apoptosis Is Not Dependent on Fas/Fas Ligand Interactions. 1997 , 90, 935-943	242
2241	Cross-Resistance of CD95- and Drug-Induced Apoptosis as a Consequence of Deficient Activation of Caspases (ICE/Ced-3 Proteases). 1997 , 90, 3118-3129	176
2240	Fas-Independent Apoptosis of Activated T Cells Induced by Antibodies to the HLA Class I α Domain. 1997 , 90, 3629-3639	39
2239	Chronic Alcohol Ingestion Enhances Tumor Necrosis Factor- β Expression and Salivary Gland Apoptosis. 1997 , 21, 1530-1533	34
2238	Inhibition of etoposide-induced apoptotic events by azide. 1997 , 59, 53-9	6
2237	Signaling through the ARK tyrosine kinase receptor protects from apoptosis in the absence of growth stimulation. 1997 , 15, 2387-97	131
2236	KILLER/DR5 is a DNA damage-inducible p53-regulated death receptor gene. 1997 , 17, 141-3	927
2235	Thyroiditis and hepatitis: Fas on the road to disease. 1997 , 3, 387-8	34
2234	Viral FLICE-inhibitory proteins (FLIPs) prevent apoptosis induced by death receptors. 1997 , 386, 517-21	1143
2233	Apoptosis. Placing death under control. 1997 , 388, 123, 125-6	87
2232	Inhibition of death receptor signals by cellular FLIP. 1997 , 388, 190-5	2195
2231	The role of the bcl-2/ced-9 gene family in cancer and general implications of defects in cell death control for tumourigenesis and resistance to chemotherapy. 1997 , 1333, F151-78	62
2230	TRICK2, a new alternatively spliced receptor that transduces the cytotoxic signal from TRAIL. 1997 , 7, 693-6	286
2229	A novel receptor for Apo2L/TRAIL contains a truncated death domain. 1997 , 7, 1003-6	569

2228	Programmed cell death: a missing link is found. 1997 , 7, 467-9	33
2227	Regulation of signal transduction through the T cell antigen receptor. 1997 , 130, 126-31	3
2226	TRAIL-R2: a novel apoptosis-mediating receptor for TRAIL. 1997 , 16, 5386-97	876
2225	Interferon action and apoptosis are defective in mice devoid of 2',5'-oligoadenylate-dependent RNase L. 1997 , 16, 6355-63	438
2224	FLAME-1, a novel FADD-like anti-apoptotic molecule that regulates Fas/TNFR1-induced apoptosis. 1997 , 272, 18542-5	276
2223	Ligation of CD40 potentiates Fas-mediated activation of the cysteine protease CPP32, cleavage of its death substrate PARP, and apoptosis in Ramos-Burkitt lymphoma B cells. 1997 , 181, 139-52	14
2222	Rel/NF-kappa B transcription factors and the control of apoptosis. 1997 , 8, 113-9	198
2221	Apoptosis: a new pharmacodynamic endpoint. 1997 , 14, 1659-71	32
2220	Fushi-ka (defective apoptosis) and rheumatic autoimmune diseases: an overview on the regulation of Fas-mediated T cell apoptotic signal transduction. 1997 , 7, 211-234	
2219	Death of solid tumor cells induced by Fas ligand expressing primary myoblasts. 1997 , 23, 249-57	11
2218	CD95 and CD95-ligand expression in endocrine pancreas of NOD, NOR and BALB/c mice. 1997 , 40, 1476-9	20
2217	Role of phosphatases in lymphocyte activation. 1997 , 9, 405-20	150
2216	Post-translational modification of proteins and the discovery of new medicine. 1997 , 8, 718-23	55
2215	Anthracyclines in haematology: preclinical studies, toxicity and delivery systems. 1997 , 11, 201-23	69
2214	Epithelial apoptosis. 1997 , 19, 711-20	52
2213	Antigen-specific and nonspecific deletion of immature cortical thymocytes caused by antigen injection. 1997 , 27, 2726-36	83
2212	Myelin oligodendrocyte glycoprotein-induced autoimmune encephalomyelitis is chronic/relapsing in perforin knockout mice, but monophasic in Fas- and Fas ligand-deficient lpr and gld mice. 1997 , 27, 3151-60	93
2211	Transgenic mice in apoptosis research. 1998 , 3, 215-28	2

2210	The p75 neurotrophin receptor: effects on neuron survival in vitro and interaction with death domain-containing adaptor proteins. 1998 , 3, 289-94	14
2209	Signal transduction and the regulation of apoptosis: roles of ceramide. 1998 , 3, 317-34	36
2208	Molecular Events and Mechanisms of Apoptosis. 1998 , 2, 9-19	24
2207	A Duel to the Death: Activated Caspases Meet Their Substrates. 1998 , 2, 21-29	5
2206	The Role of the Tumor Suppressor Gene p53 in Cardiomyocyte Apoptosis. 1998 , 3, 45-61	2
2205	Biological effects of a relatively low concentration of 1-beta-D-arabinofuranosylcytosine in K562 cells: alterations of the cell cycle, erythroid-differentiation, and apoptosis. 1998 , 187, 211-20	4
2204	Proteases, proteolysis, and apoptosis. 1998 , 14, 121-32	59
2203	Regulation of caspase activation in apoptosis: implications for transformation and drug resistance. 1998 , 27, 309-20	4
2202	Apoptosis resistance in tumor cells. 1998 , 27, 293-308	4
2201	Inhibition of solid tumor growth by Fas ligand-expressing myoblasts. 1998 , 24, 281-9	4
2200	Induction of caspase-3 and nitric oxide synthase-2 during gastric mucosal inflammatory reaction to Helicobacter pylori lipopolysaccharide. 1998 , 46, 1063-70	8
2199	Mitochondrial cytochrome c release in apoptosis occurs upstream of DEVD-specific caspase activation and independently of mitochondrial transmembrane depolarization. 1998 , 17, 37-49	973
2198	Rad51-deficient vertebrate cells accumulate chromosomal breaks prior to cell death. 1998 , 17, 598-608	635
2197	Hsp70 exerts its anti-apoptotic function downstream of caspase-3-like proteases. 1998 , 17, 6124-34	540
2196	Activation of the dsRNA-dependent protein kinase, PKR, induces apoptosis through FADD-mediated death signaling. 1998 , 17, 6888-902	301
2195	Drosophila grim induces apoptosis in mammalian cells. 1998 , 17, 7199-208	58
2194	A link between cell cycle and cell death: Bax and Bcl-2 modulate Cdk2 activation during thymocyte apoptosis. 1998 , 17, 7209-18	141
2193	A dominant interfering mutant of FADD/MORT1 enhances deletion of autoreactive thymocytes and inhibits proliferation of mature T lymphocytes. 1998 , 17, 706-18	361

2192	Activation of mitochondria and release of mitochondrial apoptogenic factors by betulinic acid. 1998 , 273, 33942-8	270
2191	Immunological and pathological consequences of mutations in both Fas and Fas ligand. 1998 , 186, 8-17	29
2190	LY294002-mediated inhibition of phosphatidylinositol 3-kinase activity triggers growth inhibition and apoptosis in CD40-triggered Ramos-Burkitt lymphoma B cells. 1998 , 187, 77-87	25
2189	T-2 toxin induces thymic apoptosis in vivo in mice. 1998 , 148, 205-14	76
2188	Apoptosis in Daudi human B cells in response to benzo[a]pyrene and benzo[a]pyrene-7,8-dihydrodiol. 1998 , 151, 367-76	76
2187	Structural homology of the central conserved region of the attachment protein G of respiratory syncytial virus with the fourth subdomain of 55-kDa tumor necrosis factor receptor. 1998 , 243, 293-302	47
2186	Shope fibroma virus RING finger protein N1R binds DNA and inhibits apoptosis. 1998 , 249, 42-51	38
2185	Two types of death of poliovirus-infected cells: caspase involvement in the apoptosis but not cytopathic effect. 1998 , 252, 343-53	90
2184	PML is essential for multiple apoptotic pathways. 1998 , 20, 266-72	455
2183	Retraction Note to: Low nitrate: phosphate ratios in the global ocean. 1998 , 393, 396-396	2
2182	Correction: A caspase-activated DNase that degrades DNA during apoptosis, and its inhibitor ICAD. 1998 , 393, 396-396	23
2181	Correction: Phase-mapping of periodically domain-inverted LiNbO3 with coherent X-rays. 1998 , 393, 396-396	5
2180	Forced degradation of Fas inhibits apoptosis in adenovirus-infected cells. 1998 , 392, 726-30	181
2179	A caspase-activated DNase that degrades DNA during apoptosis, and its inhibitor ICAD. 1998 , 391, 43-50	2697
2178	Cleavage of CAD inhibitor in CAD activation and DNA degradation during apoptosis. 1998 , 391, 96-9	1409
2177	Poly(A)- and poly(U)-specific RNA 3' tail shortening by E. coli ribonuclease E. 1998 , 391, 99-102	74
2176	Genomic amplification of a decoy receptor for Fas ligand in lung and colon cancer. 1998 , 396, 699-703	658
2175	Selective repopulation of normal mouse liver by Fas/CD95-resistant hepatocytes. 1998 , 4, 1185-8	148

2174	Effect of curcumin on cell cycle progression and apoptosis in vascular smooth muscle cells. 1998 , 124, 1029-40	163
2173	Wild-type function of the p53 tumor suppressor protein is not required for apoptosis of mouse hepatoma cells. 1998 , 5, 87-95	17
2172	Cytolytic P2X purinoceptors. 1998 , 5, 191-9	214
2171	Co-expression of Fas and Fas-ligand on the surface of influenza virus-infected cells. 1998 , 5, 426-31	62
2170	Cell death attenuation by 'Usurpin', a mammalian DED-caspase homologue that precludes caspase-8 recruitment and activation by the CD-95 (Fas, APO-1) receptor complex. 1998 , 5, 271-88	279
2169	The CD95/CD95 ligand system is not the major effector in anticancer drug-mediated apoptosis. 1998 , 5, 735-42	46
2168	TNFalpha-mediated cell death is independent of cdc25A. 1998 , 5, 758-64	8
2167	Activation of the CD95 (APO-1/Fas) pathway in drug- and gamma-irradiation-induced apoptosis of brain tumor cells. 1998 , 5, 884-93	113
2166	Calpain activation is upstream of caspases in radiation-induced apoptosis. 1998 , 5, 1051-61	155
2165	Rel blocks both anti-Fas- and TNF alpha-induced apoptosis and an intact Rel transactivation domain is essential for this effect. 1998 , 5, 963-72	38
2164	Identification of a new caspase homologue: caspase-14. 1998 , 5, 838-46	369
2163	Cell death and cancer: replacement of apoptotic genes and inactivation of death suppressor genes in therapy. 1998 , 5, 728-39	59
2162	Antitumor effect of allogenic fibroblasts engineered to express Fas ligand (FasL). 1998 , 5, 1622-30	22
2161	Localization of Fas and Fas ligand in bone marrow cells demonstrating myelodysplasia. 1998 , 12, 486-92	86
2160	The study of apoptotic cells by flow cytometry. 1998 , 12, 1013-25	102
2159	Bcl-X is the major pleiotropic anti-apoptotic gene activated by retroviral insertion mutagenesis in an IL-3 dependent bone marrow derived cell line. 1998 , 16, 1399-408	26
2158	Targeting the PML/RAR alpha translocation product triggers apoptosis in promyelocytic leukemia cells. 1998 , 17, 1759-68	46
2157	TNF-alpha activates at least two apoptotic signaling cascades. 1998 , 17, 1639-51	133

2156	Anti-apoptotic versus pro-apoptotic signal transduction: checkpoints and stop signs along the road to death. 1998 , 17, 1475-82	141
2155	Inhibition of Fas-induced apoptosis by Bcl-2. 1998 , 17, 2549-54	60
2154	Inhibition of Bak-induced apoptosis by HPV-18 E6. 1998 , 17, 2943-54	236
2153	Degradation of eukaryotic polypeptide chain initiation factor (eIF) 4G in response to induction of apoptosis in human lymphoma cell lines. 1998 , 17, 2921-31	114
2152	Ultraviolet-irradiation-induced apoptosis is mediated via ligand independent activation of tumor necrosis factor receptor 1. 1998 , 17, 2555-63	111
2151	The opposing roles of the Akt and c-Myc signalling pathways in survival from CD95-mediated apoptosis. 1998 , 17, 2811-8	66
2150	CD95 mediated T cell apoptosis and its relevance to immune deviation. 1998 , 17, 3271-6	24
2149	Mechanisms and control of programmed cell death in invertebrates. 1998 , 17, 3215-23	100
2148	Signal transduction pathways that regulate cell survival and cell death. 1998 , 17, 3207-13	153
2147	Fas ligand--caught between Scylla and Charybdis. 1998 , 4, 21-2	42
2146	Downregulation of Fas ligand by shedding. 1998 , 4, 31-6	591
2145	The proteasome inhibitor lactacystin induces apoptosis and sensitizes chemo- and radioresistant human chronic lymphocytic leukaemia lymphocytes to TNF-alpha-initiated apoptosis. 1998 , 77, 1103-7	169
2144	Mitogen-activated protein kinase cascades as regulators of stress responses. 1998 , 851, 139-46	286
2143	The semisynthetic glycosphingolipid LIGA20 potently protects neurons against apoptosis. 1998 , 845, 253-62	24
2142	Mechanisms and genetics of autoimmunity. 1998 , 841, 225-35	18
2141	Thymocyte selection: not by TCR alone. 1998 , 165, 209-29	71
2140	Immunohistochemical analysis of Fas ligand expression in sarcomas. Sarcomas express high level of FasL in vivo. 1998 , 106, 1035-40	11
2139	Legionella pneumophila kills human phagocytes but not protozoan host cells by inducing apoptotic cell death. 1998 , 169, 51-8	40

2138 Early events in human myelopoiesis. **1998**, 106, 5-36

2137 Traps to catch unwary oncogenes. **1998**, 14, 364-7

101

2136 Altered apoptosis levels in hearts of human fetuses with Down syndrome. **1998**, 179, 962-5

5

2135 Bruton's tyrosine kinase (BTK) as a dual-function regulator of apoptosis. **1998**, 56, 683-91

74

2134 A cytofluorometric method for the simultaneous detection of both intracellular and surface antigens of apoptotic peripheral lymphocytes. **1998**, 217, 11-26

42

2133 A modification of the JAM test is necessary for a correct determination of apoptosis induced by FasL+ adherent tumor cells. **1998**, 217, 71-8

20

2132 Nitric oxide and its role in apoptosis. **1998**, 351, 261-72

347

2131 Cell death induced by topoisomerase-targeted drugs: more questions than answers. **1998**, 1400, 195-211

215

2130 Apoptosis regulation and its applications to biotechnology. **1998**, 16, 339-42

18

2129 Apoptotic cell death in retinal degenerations. **1998**, 17, 443-64

191

2128 Immune evasion by tumours: involvement of the CD95 (APO-1/Fas) system and its clinical implications. **1998**, 4, 63-8

64

2127 Death-associated proteins: from gene identification to the analysis of their apoptotic and tumour suppressive functions. **1998**, 4, 268-74

16

2126 Progress toward understanding the molecular mechanisms of neurotrophic factor signalling. **1998**, 10, 151-7

15

2125 TNF-related ligands and their receptors. **1998**, 10, 543-51

74

2124 Matters of life and death: programmed cell death at Cold Spring Harbor. **1998**, 1377, R25-44

12

2123 p53- and p21-independent apoptosis of squamous cell carcinoma cells induced by 5-fluorouracil and radiation. **1998**, 34, 529-37

34

2122 Apoptosis-inducing brain factors in maturation of an insect sex pheromone gland during differentiation. **1998**, 63, 53-58

18

2121 Apoptosis signaling by death receptors. **1998**, 254, 439-59

745

2120	Essential requirement for caspase-8/FLICE in the initiation of the Fas-induced apoptotic cascade. 1998 , 8, 1001-8	489
2119	Dominant-negative FADD inhibits TNFR60-, Fas/Apo1- and TRAIL-R/Apo2-mediated cell death but not gene induction. 1998 , 8, 113-6	134
2118	Identification of a ligand for the death-domain-containing receptor Apo3. 1998 , 8, 525-8	172
2117	Fas. 1998 , 8, R704	
2116	Apoptosis detection: an overview. 1998 , 33, 525-33	116
2115	TNF-induced mitochondrial changes and activation of apoptotic proteases are inhibited by A20. 1998 , 25, 57-65	35
2114	Control of cell proliferation by progress in differentiation: clues to mechanisms of aging, cancer causation and therapy. 1998 , 193, 663-78	58
2113	Delayed Fas-mediated hepatocyte apoptosis during liver regeneration in mice: hepatoprotective role of TNF alpha. 1998 , 27, 1643-51	49
2112	Hepatocyte death in hepatocarcinogenesis. 1998 , 28, 1-5	43
2111	Does the hepatitis C virus replicate in cells of the hematopoietic lineage?. 1998 , 28, 261-4	16
2110	Proteomic changes associated with degeneration of myelin-forming cells in the central nervous system of c-myc transgenic mice. 1998 , 19, 2014-20	8
2109	Murine cytomegalovirus induces a Sjögren's syndrome-like disease in C57Bl/6-lpr/lpr mice. 1998 , 41, 2175-84	59
2108	Chemosensitivity of solid tumor cells in vitro is related to activation of the CD95 system. 1998 , 76, 105-14	121
2107	Activation of nuclear factor kappa B (NF-kappaB) assayed by laser scanning cytometry (LSC). 1998 , 33, 376-82	77
2106	Antibody-mediated oligodendrocyte cell death requires an astrocyte-derived cosignal. 1998 , 52, 137-48	3
2105	Activation of caspase-3 and apoptosis in cerebellar granule cells. 1998 , 52, 334-41	66
2104	The intracellular domain of p55 tumor necrosis factor receptor induces apoptosis which requires different caspases in naive and neuronal PC12 cells. 1998 , 52, 380-9	23
2103	Protection of CD95-mediated apoptosis by activation of phosphatidylinositide 3-kinase and protein kinase B. 1998 , 28, 57-69	96

2102	TNF-induced enterocyte apoptosis in mice is mediated by the TNF receptor 1 and does not require p53. 1998 , 28, 3499-505	95
2101	Role of caspases 1 and 3 and Bcl-2-related molecules in endothelial cell apoptosis associated with thrombotic microangiopathies. 1998 , 59, 279-87	25
2100	Infrequent bax gene mutations in B-cell lymphomas. 1998 , 186, 378-82	20
2099	Effects of conformationally restricted synthetic retinoids on ovarian tumor cell growth. 1998 , 68, 378-88	33
2098	Co-expression of Fas and Fas ligand in malignant glial tumors and cell lines. 1998 , 95, 287-90	47
2097	Apoptosis and the liver: relevance for the hepato-biliary-pancreatic surgeon. 1998 , 5, 409-15	10
2096	Cell surface and nuclear changes during TNF-alpha-induced apoptosis in WEHI 164 murine fibrosarcoma cells. A correlative light, scanning, and transmission electron microscopical study. 1998 , 433, 75-83	39
2095	Human autoimmune lymphoproliferative syndrome, a defect in the apoptosis-inducing Fas receptor: a lesson from the mouse model. 1998 , 43, 2-8	81
2094	Mechanisms of systemic autoimmunity in murine models of SLE. 1998 , 17, 41-7	8
2093	Apoptosis in B-chronic lymphocytic leukaemia. 1998 , 15, 234-40	9
2092	Identification of a DNase activated in <i>Xenopus</i> egg extracts undergoing apoptosis. 1998 , 43, 522-526	6
2091	Atypical signaling defects prevent IL-2 gene expression in <i>lpr/lpr</i> CD4-CD8- cells. 1998 , 5, 297-304	4
2090	Activation of Stat3 by v-Src is through a Ras-independent pathway. 1998 , 5, 446-50	4
2089	Effect of sulglycotide on the apoptotic processes associated with indomethacin-induced gastric mucosal injury. 1998 , 6, 243-53	7
2088	Cytokine-mediated hepatic apoptosis. 1998 , 133, 109-55	9
2087	Recent developments in drug resistance and apoptosis research. 1998 , 28, 181-205	12
2086	Death-inducing functions of ligands of the tumor necrosis factor family: a Sanhedrin verdict. 1998 , 10, 279-88	67
2085	Inhibition of fas death signals by FLIPs. 1998 , 10, 552-8	472

2084	Tumor expression of Fas ligand (CD95L) and the consequences. 1998 , 10, 564-72	103
2083	Apoptosis in cell culture. 1998 , 9, 152-6	125
2082	Receptors and ligands that mediate activation-induced death of T cells. 1998 , 19, 289-300	9
2081	Can expression of CD95 (Fas/APO-1) ligand on grafts or tumor cells prevent their rejection?. 1998 , 19, 311-22	2
2080	Fas and Fas Ligand Expression on Human Peripheral Blood Leukocytes. 1998 , 74, 113-121	33
2079	Deciphering the apoptotic pathway: all roads lead to death. 1998 , 76, 1-19	80
2078	Analysis of apoptotic cell death in human hair follicles in vivo and in vitro. 1998 , 111, 948-54	109
2077	Fas-induced DNA fragmentation and proteolysis of nuclear proteins. 1998 , 3, 297-306	40
2076	Apoptotic index and apoptosis influencing proteins bcl-2, mcl-1, bax and caspases 3, 6 and 8 in pancreatic carcinoma. 1998 , 33, 432-9	45
2075	Soluble Fas mRNA is dominantly expressed in cases with silicosis. 1998 , 94, 258-62	55
2074	Expression of CD95 ligand in melanocytic lesions as a diagnostic marker. 1998 , 139, 198-206	19
2073	Mutation analysis of CD95 (APO-1/Fas) in childhood B-lineage acute lymphoblastic leukaemia. 1998 , 102, 722-8	25
2072	A role for tumour necrosis factor-alpha, Fas and Fas-Ligand in marrow failure associated with myelodysplastic syndrome. 1998 , 103, 176-88	194
2071	Induction of apoptosis with fusarenon-X in mouse thymocytes. 1998 , 127, 195-206	33
2070	Differential induction of apoptosis in activated and resting T cells by 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD) and its repercussion on T cell responsiveness. 1998 , 129, 211-26	39
2069	Annexin V binding assay as a tool to measure apoptosis in differentiated neuronal cells. 1998 , 86, 63-9	190
2068	Anti-apoptotic strategies of lymphotropic viruses. 1998 , 19, 474-9	71
2067	Room temperature-induced apoptosis of Jurkat cells sensitive to both caspase-1 and caspase-3 inhibitors. 1998 , 132, 7-16	10

2066	Genomic organization and mutation analyses of the DR5/TRAIL receptor 2 gene in colorectal carcinomas. 1998 , 133, 197-204	36
2065	Expression of Fas-related genes in human hepatocellular carcinomas. 1998 , 134, 155-62	42
2064	Compensatory apoptosis in preneoplastic liver of a transgenic mouse model for viral hepatocarcinogenesis. 1998 , 134, 181-6	50
2063	Ex vivo malignant glioma cells are sensitive to Fas (CD95/APO-1) ligand-mediated apoptosis. 1998 , 87, 105-13	31
2062	Predominant expression of Fas ligand mRNA in CD8+ T lymphocytes in patients with HTLV-1 associated myelopathy. 1998 , 90, 199-206	10
2061	CD95-CD95L: can the brain learn from the immune system?. 1998 , 21, 114-7	58
2060	The apo-1/fas death signaling pathway: a life and death balance. 1998 , 18, 97-102	2
2059	Molecular cloning, expression and characterization of rhesus macaque Fas ligand cDNA. 1998 , 59, 599-606	7
2058	Bcl-xL inhibits different apoptotic pathways in rat PC12 cells. 1998 , 253, 37-40	18
2057	Fas-mediated apoptosis in mouse hepatocytes involves the processing and activation of caspases. 1998 , 27, 1632-42	90
2056	Cell-death mechanisms in maize. 1998 , 3, 218-223	81
2055	The question begs--what is the role of P-glycoprotein in normal physiology?. 1998 , 1, 340-2	
2054	How bacteria initiate inflammation: aspects of the emerging story. 1998 , 1, 43-8	46
2053	The fight of viruses against apoptosis. 1998 , 8, 82-7	171
2052	Linking extracellular survival signals and the apoptotic machinery. 1998 , 8, 613-8	77
2051	Glucocorticoid-induced thymocyte apoptosis: protease-dependent activation of cell shrinkage and DNA degradation. 1998 , 65, 207-17	52
2050	The death domain kinase RIP mediates the TNF-induced NF-kappaB signal. 1998 , 8, 297-303	938
2049	A role for FADD in T cell activation and development. 1998 , 8, 439-49	218

2048	Biochemical mechanisms of IL-2-regulated Fas-mediated T cell apoptosis. 1998 , 8, 615-23		519
2047	Mice defective in two apoptosis pathways in the myeloid lineage develop acute myeloblastic leukemia. 1998 , 9, 47-57		156
2046	Differential TCR signaling regulates apoptosis and immunopathology during antigen responses in vivo. 1998 , 9, 305-13		53
2045	Autoproteolytic activation of pro-caspases by oligomerization. 1998 , 1, 319-25		369
2044	Autoactivation of procaspase-9 by Apaf-1-mediated oligomerization. 1998 , 1, 949-57		950
2043	A novel allosterically trans-activated ribozyme, the maxizyme, with exceptional specificity in vitro and in vivo. 1998 , 2, 617-27		133
2042	Microglia-derived nerve growth factor causes cell death in the developing retina. 1998 , 20, 35-41		277
2041	Neuronal cell death. 1998 , 20, 633-47		504
2040	Cancer--a degenerative disorder?. 1998 , 24, 362-6		9
2039	The evolutionary biology of death and human malignancy. 1998 , 24, 568-72		2
2038	Fas-mediated apoptosis of hepatic cells. 1998 , 52, 378-85		17
2037	Caspases (interleukin-1beta-converting enzyme family proteases) are involved in the regulation of the survival of osteoclasts. 1998 , 23, 33-41		47
2036	Expression of Bfl-1 in normal and tumor tissues: Bfl-1 overexpression in cancer is attributable to its preferential expression in infiltrating inflammatory cells. 1998 , 29, 723-8		14
2035	Tumor necrosis factor-alpha mediated activation of signal transduction cascades and transcription factors in 3T3-L1 adipocytes. 1998 , 38, 333-47		19
2034	Solution structure of the RAIDD CARD and model for CARD/CARD interaction in caspase-2 and caspase-9 recruitment. <i>Cell</i> , 1998 , 94, 171-80	56.2	282
2033	Reduced apoptosis and cytochrome c-mediated caspase activation in mice lacking caspase 9. <i>Cell</i> , 1998 , 94, 325-37	56.2	1450
2032	Differential requirement for caspase 9 in apoptotic pathways in vivo. <i>Cell</i> , 1998 , 94, 339-52	56.2	1136
2031	Bid, a Bcl2 interacting protein, mediates cytochrome c release from mitochondria in response to activation of cell surface death receptors. <i>Cell</i> , 1998 , 94, 481-90	56.2	3061

2030	Apaf1 is required for mitochondrial pathways of apoptosis and brain development. <i>Cell</i> , 1998 , 94, 739-506.2	988
2029	Dihydroheptaprenyl and dihydrodecaprenyl monophosphates induce apoptosis mediated by activation of caspase-3-like protease. 1998 , 1389, 132-40	13
2028	Mutational analysis of <i>Caenorhabditis elegans</i> CED-4. 1998 , 428, 71-4	4
2027	Oxidative stress and hypoxia/reoxygenation trigger CD95 (APO-1/Fas) ligand expression in microglial cells. 1998 , 429, 67-72	107
2026	CD95 (Fas/APO-1) induces an increased phosphatidylserine synthesis that precedes its externalization during programmed cell death. 1998 , 431, 195-9	25
2025	Identification and functional characterization of DR6, a novel death domain-containing TNF receptor. 1998 , 431, 351-6	208
2024	Activation of caspase-3-like protease by digitonin-treated lysosomes. 1998 , 435, 233-6	93
2023	HIV/gp120 and PMA/ionomycin induced apoptosis but not activation induced cell death require PKC for Fas-L upregulation. 1998 , 436, 461-5	11
2022	Rapid cytochrome c release, activation of caspases 3, 6, 7 and 8 followed by Bap31 cleavage in HeLa cells treated with photodynamic therapy. 1998 , 437, 5-10	140
2021	Activation of p42/p44 mitogen-activated protein kinases (MAPK) and p38 MAPK by tumor necrosis factor (TNF) is mediated through the death domain of the 55-kDa TNF receptor. 1998 , 441, 275-80	41
2020	Biphasic c-Myc protein expression during gossypol-induced apoptosis in rat spermatocytes. 1998 , 57, 117-23	14
2019	Hepatitis C virus variants circumventing cytotoxic T lymphocyte activity as a mechanism of chronicity. 1998 , 115, 954-65	126
2018	Allelic loss on chromosome 18q as a prognostic marker in stage II colorectal cancer. 1998 , 114, 1180-7	128
2017	Proapoptotic gene BAX is frequently mutated in hereditary nonpolyposis colorectal cancers but not in adenomas. 1998 , 114, 268-74	77
2016	Molecular regulation of hepatic fibrogenesis. 1998 , 29, 836-47	220
2015	Control of Apoptosis by Poxviruses. 1998 , 8, 453-469	27
2014	Regulation of Apoptosis by Adenovirus E1A and E1B Oncogenes. 1998 , 8, 505-513	60
2013	Adenovirus E3 Proteins: 14.7K, RID, and gp19K Inhibit Immune-Induced Cell Death; Adenovirus Death Protein Promotes Cell Death. 1998 , 8, 515-523	19

2012	Proteolytic activities that mediate apoptosis. 1998 , 60, 533-73	239
2011	Participation of Bax-alpha in IFN-alpha-mediated apoptosis in Daudi B lymphoma cells. 1998 , 18, 855-61	28
2010	Dual signaling of the Fas receptor: initiation of both apoptotic and necrotic cell death pathways. 1998 , 188, 919-30	472
2009	Oxidized low density lipoprotein induces apoptosis in cultured human umbilical vein endothelial cells by common and unique mechanisms. 1998 , 273, 9681-7	202
2008	Apoptosis: basic mechanisms and implications for cardiovascular disease. 1998 , 82, 1111-29	681
2007	Down-regulation of Tcf-1 expression by activation-induced apoptosis of T cell Hybridoma. 1998 , 2, 403-410	1
2006	Regulation of ceramide production and apoptosis. 1998 , 60, 643-65	697
2005	Molecular Biology to Radiation Oncology: A Model for Translational Research? Opportunities in Basic and Translational Research From a Workshop Sponsored by the National Cancer Institute, Radiation Research Program, January 26-28, 1997, Bethesda, Maryland. 1998 , 150, 134	5
2004	Detection of programmed cell death using fluorescence energy transfer. 1998 , 26, 2034-5	158
2003	Inhibition of tumor necrosis factor and interferon triggered responses by DNA viruses. 1998 , 9, 351-8	21
2002	Control of Apoptosis by Human Adenovirus Genes. 1998 , 8, 399-408	40
2001	Cytosolic nuclease activated by caspase-3 and inhibited by DFF-45. 1998 , 243, 480-4	34
2000	Abrogation of Fas-induced fulminant hepatic failure in mice by hepatocyte growth factor. 1998 , 244, 683-90	181
1999	2-Methoxyestradiol, an endogenous metabolite of estrogen, enhances apoptosis and beta-galactosidase expression in vascular endothelial cells. 1998 , 248, 9-12	64
1998	Ha-rasVal12 oncogene increases susceptibility of NIH/3T3 cells to lovastatin. 1998 , 248, 62-8	29
1997	Osteoclastogenesis inhibitory factor suppresses osteoclast survival by interfering in the interaction of stromal cells with osteoclast. 1998 , 250, 229-34	111
1996	Suppression of transformed phenotypes of Ha-ras-transformed NIH3T3 cells by caspase-2. 1998 , 250, 741-6	3
1995	U937 apoptotic cell death by nitric oxide: Bcl-2 downregulation and caspase activation. 1998 , 238, 33-41	86

1994	Induction of hydrogen peroxide production and Bax expression by caspase-3(-like) proteases in tyrosine kinase inhibitor-induced apoptosis in human small cell lung carcinoma cells. 1998 , 238, 197-203	39
1993	Myristoyl-coA:protein N-myristoyltransferase from bovine cardiac muscle: molecular cloning, kinetic analysis, and in vitro proteolytic cleavage by m-calpain. 1998 , 241, 23-35	23
1992	Apoptotic changes preceding necrosis in lipopolysaccharide-treated macrophages in the presence of cycloheximide. 1998 , 241, 373-83	17
1991	Transforming growth factor-beta-mediated apoptosis in the Ramos B-lymphoma cell line is accompanied by caspase activation and Bcl-XL downregulation. 1998 , 242, 244-54	84
1990	Adhesion elicits an intrinsic defect in interleukin-1 expression by macrophages from autoimmune-prone MRL mice. 1998 , 11, 141-50	10
1989	Molecular cloning and identification of murine caspase-8. 1998 , 284, 1017-26	33
1988	p53: radiosensitivity and antiangiogenic effects. 1998 , 64, 7-11	4
1987	Histopathological evaluation of apoptosis in cancer. 1998 , 153, 1041-53	172
1986	Intracerebroventricular injection of anti-Fas activates the hypothalamus-pituitary-adrenal axis and induces peripheral interleukin-6 and serum amyloid A in mice: comparison with other ligands of the tumor necrosis factor/nerve growth factor receptor superfamily. 1998 , 153, 1377-81	5
1985	The role of cytokines in the pathogenesis of acute pancreatitis. 1998 , 175, 76-83	570
1984	Apoptosis after traumatic human spinal cord injury. 1998 , 89, 911-20	324
1983	The role of the stress-activated protein kinase (SAPK/JNK) signaling pathway in radiation-induced apoptosis. 1998 , 47, 225-32	75
1982	Expression of Fas system-related genes in the testis during development and after toxicant exposure. 1998 , 102-103, 503-8	33
1981	Caspase-mediated activation and induction of apoptosis by the mammalian Ste20-like kinase Mst1. 1998 , 17, 2224-34	301
1980	CIDE, a novel family of cell death activators with homology to the 45 kDa subunit of the DNA fragmentation factor. 1998 , 17, 2526-33	255
1979	Apoptosis. 1998 , 559-588	
1978	Apoptosis in the failing heart. 1998 , 16, 691-710, ix	50
1977	FADD: essential for embryo development and signaling from some, but not all, inducers of apoptosis. 1998 , 279, 1954-8	805

1976	IEX-1L, an apoptosis inhibitor involved in NF-kappaB-mediated cell survival. 1998 , 281, 998-1001	354
1975	Activation of apoptosis signal-regulating kinase 1 (ASK1) by the adapter protein Daxx. 1998 , 281, 1860-3	495
1974	Radiation-Induced Signal Transduction and Stress Response. 1998 , 150, S102	99
1973	Review : Apoptosis and Spinal Cord Injury. 1998 , 4, 163-171	21
1972	Disruption of fas receptor signaling by nitric oxide in eosinophils. 1998 , 187, 415-25	147
1971	Induction of apoptosis by SB202190 through inhibition of p38beta mitogen-activated protein kinase. 1998 , 273, 16415-20	242
1970	Caspase-independent cell killing by Fas-associated protein with death domain. 1998 , 143, 1353-60	278
1969	Apoptotic membrane blebbing is regulated by myosin light chain phosphorylation. 1998 , 140, 627-36	400
1968	Kaposi's sarcoma-associated herpesvirus. 1998 , 75, 57-86	132
1967	Differential regulation and ATP requirement for caspase-8 and caspase-3 activation during CD95- and anticancer drug-induced apoptosis. 1998 , 188, 979-84	183
1966	Yersinia-induced apoptosis in vivo aids in the establishment of a systemic infection of mice. 1998 , 188, 2127-37	205
1965	Proteases to die for. 1998 , 12, 1551-70	988
1964	Expression of Alzheimer's disease-associated presenilin-1 is controlled by proteolytic degradation and complex formation. 1998 , 273, 32322-31	167
1963	Cleavage of DFF-45/ICAD by multiple caspases is essential for its function during apoptosis. 1998 , 273, 28549-52	128
1962	All-trans retinoic acid inhibition of anti-CD3-induced T cell apoptosis in human immunodeficiency virus infection mostly concerns CD4 T lymphocytes and is mediated via regulation of CD95 ligand expression. 1998 , 178, 1288-98	20
1961	Chapter 1 Apoptosis as a gene-directed program of cell death. 1998 , 13, 1-55	0
1960	Conversion of membrane-bound Fas(CD95) ligand to its soluble form is associated with downregulation of its proapoptotic activity and loss of liver toxicity. 1998 , 187, 1205-13	682
1959	Impact of tumor necrosis factor alpha on mouse embryonic stem cells. 1998 , 58, 1416-24	23

1958	DRAKs, novel serine/threonine kinases related to death-associated protein kinase that trigger apoptosis. 1998 , 273, 29066-71	148
1957	Restoration of E2F expression rescues vascular endothelial cells from tumor necrosis factor-alpha-induced apoptosis. 1998 , 98, 2883-90	43
1956	Helicobacter pylori induced apoptosis. 1998 , 43, 592-4	69
1955	Effector and predisposing genes in murine lupus. 1998 , 7, 575-84	6
1954	Fas and Fas ligand interactions suppress melanoma lung metastasis. 1998 , 188, 1717-23	149
1953	T cell receptor (TCR) engagement in apoptosis-defective, but interleukin 2 (IL-2)-producing, T cells results in impaired ZAP70/CD3-zeta association. 1998 , 187, 1179-92	35
1952	E1B 19K inhibits Fas-mediated apoptosis through FADD-dependent sequestration of FLICE. 1998 , 141, 1255-66	103
1951	Generation of constitutively active recombinant caspases-3 and -6 by rearrangement of their subunits. 1998 , 273, 10107-11	117
1950	Bcl-XL cooperatively associates with the Bap31 complex in the endoplasmic reticulum, dependent on procaspase-8 and Ced-4 adaptor. 1998 , 273, 3140-3	67
1949	Regulation of apoptosis-associated genes in the regenerating liver. 1998 , 18, 123-40	31
1948	Potential of Fas-mediated apoptosis of murine granulosa cells by interferon-gamma, tumor necrosis factor-alpha, and cycloheximide. 1998 , 139, 4860-9	74
1947	Regulation of IRF and STAT gene expression by retinoic acid. 1998 , 30, 63-71	38
1946	DEFT, a novel death effector domain-containing molecule predominantly expressed in testicular germ cells. 1998 , 139, 4839-48	13
1945	The effects of hyperoxic injury and antioxidant vitamins on death and proliferation of human small airway epithelial cells. 1998 , 19, 426-36	49
1944	Oxygen toxicity in mouse lung: pathways to cell death. 1998 , 19, 573-81	245
1943	Efficient ex vivo inhibition of perforin and Fas ligand expression by chimeric tRNA-hammerhead ribozymes. 1998 , 9, 1551-60	8
1942	Caspase-9, Bcl-XL, and Apaf-1 form a ternary complex. 1998 , 273, 5841-5	403
1941	Survival factors and apoptosis. 1998 , 62, 137-66	12

1940	Effect of sucralfate on gastric mucosal inflammatory responses induced by <i>Helicobacter pylori</i> lipopolysaccharide. 1998 , 33, 916-22	18
1939	Inhibition of caspases increases the sensitivity of L929 cells to necrosis mediated by tumor necrosis factor. 1998 , 187, 1477-85	746
1938	MyD88, an adapter protein involved in interleukin-1 signaling. 1998 , 273, 12203-9	482
1937	Importance of poly(ADP-ribose) polymerase and its cleavage in apoptosis. Lesson from an uncleavable mutant. 1998 , 273, 33533-9	593
1936	Farnesyltransferase inhibitors induce cytochrome c release and caspase 3 activation preferentially in transformed cells. 1998 , 95, 15356-61	95
1935	Fas-induced arachidonic acid release is mediated by Ca ²⁺ -independent phospholipase A2 but not cytosolic phospholipase A2, which undergoes proteolytic inactivation. 1998 , 273, 13870-7	187
1934	MKK6 activates myocardial cell NF-kappaB and inhibits apoptosis in a p38 mitogen-activated protein kinase-dependent manner. 1998 , 273, 8232-9	180
1933	Different subcellular distribution of caspase-3 and caspase-7 following Fas-induced apoptosis in mouse liver. 1998 , 273, 10815-8	194
1932	Apoptosis and activation of the sphingomyelin-ceramide pathway induced by oxidized low density lipoproteins are not causally related in ECV-304 endothelial cells. 1998 , 273, 27389-95	49
1931	Endothelial cell apoptosis induced by oxidized LDL is associated with the down-regulation of the cellular caspase inhibitor FLIP. 1998 , 273, 33103-6	122
1930	Inhibition of the expression of mitogen-activated protein phosphatase-1 potentiates apoptosis induced by tumor necrosis factor-alpha in rat mesangial cells. 1998 , 273, 10362-6	63
1929	Production of fully active recombinant murine granzyme B in yeast. 1998 , 273, 1629-33	49
1928	Tumor necrosis factor receptor-associated factors (TRAFs)--a family of adapter proteins that regulates life and death. 1998 , 12, 2821-30	476
1927	Cell and molecular mechanisms of pathogenesis and treatment of cancer. 1998 , 74, 77-88	3
1926	Tumor necrosis factor induces ceramide oscillations and negatively controls sphingolipid synthases by caspases in apoptotic Kym-1 cells. 1998 , 273, 31245-51	85
1925	Correlation between sustained c-Jun N-terminal protein kinase activation and apoptosis induced by tumor necrosis factor-alpha in rat mesangial cells. 1998 , 273, 4027-34	223
1924	CD95 (Fas/APO-1) induces ceramide formation and apoptosis in the absence of a functional acid sphingomyelinase. 1998 , 273, 7560-5	87
1923	Induction of apoptosis and inhibition of cell proliferation by survivin gene targeting. 1998 , 273, 11177-82	322

1922	Role of reactive oxygen intermediates in activation-induced CD95 (APO-1/Fas) ligand expression. 1998 , 273, 8048-55	136
1921	Osteoprotegerin is a receptor for the cytotoxic ligand TRAIL. 1998 , 273, 14363-7	894
1920	Cleavage and activation of p21-activated protein kinase gamma-PAK by CPP32 (caspase 3). Effects of autophosphorylation on activity. 1998 , 273, 28733-9	107
1919	Induction of a caspase-3-like activity by calcium in normal cytosolic extracts triggers nuclear apoptosis in a cell-free system. 1998 , 273, 17559-64	91
1918	Mechanisms of beta cell death in diabetes: a minor role for CD95. 1998 , 95, 13818-22	91
1917	The death effector domain of PEA-15 is involved in its regulation of integrin activation. 1998 , 273, 33897-900	77
1916	Growth, development and differentiation: a functional food science approach. 1998 , 80 Suppl 1, S5-45	115
1915	Phosphorylation of eukaryotic translation initiation factor 2 mediates apoptosis in response to activation of the double-stranded RNA-dependent protein kinase. 1998 , 273, 2416-23	305
1914	The adenovirus E3/10.4K-14.5K proteins down-modulate the apoptosis receptor Fas/Apo-1 by inducing its internalization. 1998 , 95, 10072-7	95
1913	Requirement of caspase-3(-like) protease-mediated hydrogen peroxide production for apoptosis induced by various anticancer drugs. 1998 , 273, 26900-7	220
1912	Caspase-3 in the rat ovary: localization and possible role in follicular atresia and luteal regression. 1998 , 58, 1533-9	146
1911	Functional significance of adhesion molecules in Fas-dependent apoptotic cell death induced by interleukin-2-activated T cells. 1998 , 27, 309-22	4
1910	Monocyte anergy in septic shock is associated with a predilection to apoptosis and is reversed by granulocyte-macrophage colony-stimulating factor ex vivo. 1998 , 178, 1421-33	81
1909	Detection and quantification of apoptosis in transiently transfected adherent cells. 1998 , 26, 5233-4	13
1908	Secretion imbalance between tumour necrosis factor and its inhibitor in inflammatory bowel disease. 1998 , 43, 203-9	98
1907	Ultraviolet light induces apoptosis via direct activation of CD95 (Fas/APO-1) independently of its ligand CD95L. 1998 , 140, 171-82	415
1906	E1A-induced processing of procaspase-8 can occur independently of FADD and is inhibited by Bcl-2. 1998 , 273, 33099-102	26
1905	Caspases are activated in a branched protease cascade and control distinct downstream processes in Fas-induced apoptosis. 1998 , 187, 587-600	398

1904	Adenoviral-mediated gene transfer in lymphocytes. 1998 , 95, 13159-64	130
1903	RICK, a novel protein kinase containing a caspase recruitment domain, interacts with CLARP and regulates CD95-mediated apoptosis. 1998 , 273, 12296-300	193
1902	Bcl-xS and Bad potentiate the death suppressing activities of Bcl-xL, Bcl-2, and A1 in yeast. 1998 , 273, 23704-8	13
1901	Tumor suppressor p53 as a component of the tumor necrosis factor-induced, protein kinase PKR-mediated apoptotic pathway in human promonocytic U937 cells. 1998 , 273, 25198-202	70
1900	Characterization of structural domains of human osteoclastogenesis inhibitory factor. 1998 , 273, 5117-23	144
1899	E4orf4, a novel adenovirus death factor that induces p53-independent apoptosis by a pathway that is not inhibited by zVAD-fmk. 1998 , 140, 637-45	193
1898	Inhibition of apoptosis in chlamydia-infected cells: blockade of mitochondrial cytochrome c release and caspase activation. 1998 , 187, 487-96	493
1897	HIV-1 directly kills CD4+ T cells by a Fas-independent mechanism. 1998 , 187, 1113-22	166
1896	Granulosa cell apoptosis induced at the penultimate stage of follicular development is associated with increased levels of Fas and Fas ligand in the rat ovary. 1998 , 58, 1170-6	88
1895	The influence of surgical stress on T cells: enhancement of early phase lymphocyte activation. 1998 , 87, 1431-5	10
1894	The influence of human endotoxemia on CD95-induced apoptosis. 1998 , 133, 1322-7	15
1893	Gene-for-gene disease resistance without the hypersensitive response in Arabidopsis dnd1 mutant. 1998 , 95, 7819-24	372
1892	Pathogenesis of neurodegenerative diseases associated with expanded glutamine repeats: new answers, new questions. 1998 , 117, 397-419	30
1891	Cooperation, Mechanisms of Cellular. 1998 , 651-656	1
1890	FAS (CD95) and FAS Ligand. 1998 , 874-880	
1889	Soluble FasR ligand-binding domain: high-yield production of active fusion and non-fusion recombinant proteins using the baculovirus/insect cell system. 1998 , 330 (Pt 2), 1051-8	10
1888	Ischemic Neuronal Apoptosis: A View Based on Free Radical-Induced DNA Damage and Repair. 1998 , 4, 88-95	3
1887	Apoptosis after traumatic human spinal cord injury. 1998 , 5, E1	1

1886	Life and death of the cell. 1998 , 33, 85-7, 91-2	1
1885	Different mechanisms for suppression of apoptosis by cytokines and calcium mobilizing compounds. 1998 , 95, 4601-6	46
1884	Tyrosine kinase-dependent activation of a chloride channel in CD95-induced apoptosis in T lymphocytes. 1998 , 95, 6169-74	186
1883	Stress-induced Fas ligand expression in T cells is mediated through a MEK kinase 1-regulated response element in the Fas ligand promoter. 1998 , 18, 5414-24	179
1882	Selective regulation of apoptosis: the cytotoxic lymphocyte serpin proteinase inhibitor 9 protects against granzyme B-mediated apoptosis without perturbing the Fas cell death pathway. 1998 , 18, 6387-98	243
1881	ZIP kinase, a novel serine/threonine kinase which mediates apoptosis. 1998 , 18, 1642-51	197
1880	Cyclosporin A-sensitive transcription factor Egr-3 regulates Fas ligand expression. 1998 , 18, 3744-51	146
1879	Essential contribution of caspase 3/CPP32 to apoptosis and its associated nuclear changes. 1998 , 12, 806-19	662
1878	A unique pattern of photoreceptor degeneration in cyclin D1 mutant mice. 1998 , 95, 9938-43	84
1877	Regulation of B-CLL apoptosis through membrane receptors and Bcl-2 family proteins. 1998 , 30, 247-56	21
1876	Molecular cloning and characterization of human caspase-activated DNase. 1998 , 95, 9123-8	163
1875	Artificial death switches: induction of apoptosis by chemically induced caspase multimerization. 1998 , 95, 5421-2	22
1874	Apoptosis and bioprocess technology. 1998 , 62, 167-84	12
1873	Pathogenesis of Autoimmune Diseases in Large Granular Lymphocyte Leukemia. 1998 , 3, 17-29	4
1872	Measurement of apoptosis. 1998 , 62, 33-73	17
1871	The role of caspases in apoptosis. 1998 , 62, 107-28	18
1870	Large granular lymphocytic leukemia: an overview. 1998 , 33, 133-8	7
1869	The Influence of Surgical Stress on T Cells. 1998 , 87, 1431-1435	23

1868	Induction of CPP32-like activity and inhibition of interleukin 1beta converting enzyme activity in the liver of a mouse concanavalin A-induced hepatitis model. 1998 , 77, 257-9	5
1867	A cell surface receptor defined by a mAb mediates a unique type of cell death similar to oncosis. 1998 , 95, 6290-5	60
1866	Fas ligand (gld)- and Fas (lpr)-deficient mice do not show alterations in the extravasation or apoptosis of inflammatory neutrophils. 1998 , 64, 373-83	57
1865	Apoptosis-specific protein (ASP) identified in apoptotic Xenopus thymus tumor cells. 1998 , 5, 333-48	
1864	Fas gene polymorphisms are not associated with systemic lupus erythematosus, multiple sclerosis and HIV infection. 1998 , 13, 221-5	18
1863	Competitive signaling between TrkA and p75 nerve growth factor receptors determines cell survival. 1998 , 18, 3273-81	404
1862	New retinoids and protein tyrosine kinase inhibitors for the treatment of disseminated cancer: selective induction of apoptosis in malignant cells. 1998 , 8, 1369-1374	
1861	Proceedings of the British Toxicology Society Annual Congress University of Surrey, Guildford 19 - 22 April 1998. 1998 , 17, 469-534	1
1860	Efficient peripheral clonal elimination of B lymphocytes in MRL/lpr mice bearing autoantibody transgenes. 1998 , 188, 909-17	44
1859	The action of Bax and bcl-2 on T cell selection. 1998 , 188, 1125-33	45
1858	Mutation of CD95 (Fas/Apo-1) Gene in Adult T-Cell Leukemia Cells. 1998 , 91, 3935-3942	123
1857	Bcr-Abl Exerts Its Antiapoptotic Effect Against Diverse Apoptotic Stimuli Through Blockage of Mitochondrial Release of Cytochrome C and Activation of Caspase-3. 1998 , 91, 1700-1705	284
1856	Apoptotic Signal of Fas Is Not Mediated by Ceramide. 1998 , 91, 2658-2663	55
1855	Phosphorylated Forms of Activated Caspases Are Present in Cytosol From HL-60 Cells During Etoposide-Induced Apoptosis. 1998 , 92, 3042-3049	48
1854	Caspase Activation Is Required for Nitric Oxide-Mediated, CD95(APO-1/Fas)Dependent and Independent Apoptosis in Human Neoplastic Lymphoid Cells. 1998 , 91, 4311-4320	83
1853	Elevation of the Serum Fas Ligand in Patients With Hemophagocytic Syndrome and Diamond-Blackfan Anemia. 1998 , 91, 2793-2799	60
1852	Dysregulation of CD95/CD95 Ligand-Apoptotic Pathway in CD3+ Large Granular Lymphocyte Leukemia. 1998 , 92, 4771-4777	129
1851	Entry and Trafficking of Granzyme B in Target Cells During Granzyme B-Perforin-Mediated Apoptosis. 1998 , 92, 1044-1054	162

1850	Cytochrome c Induces Caspase-Dependent Apoptosis in Intact Hematopoietic Cells and Overrides Apoptosis Suppression Mediated by bcl-2, Growth Factor Signaling, MAP-Kinase-Kinase, and Malignant Change. 1998 , 92, 1235-1246	49
1849	Distinct Regulation of T-Cell Death by CD28 Depending on Both Its Aggregation and T-Cell Receptor Triggering: A Role for Fas-FasL. 1998 , 92, 1350-1363	40
1848	Aspirin and Salicylate Induce Apoptosis and Activation of Caspases in B-Cell Chronic Lymphocytic Leukemia Cells. 1998 , 92, 1406-1414	159
1847	Fas/APO-1 (CD95) Mediated Apoptosis Is Activated by Interferon- α and Interferon- γ in Interleukin-6 (IL-6) Dependent and IL-6 Independent Multiple Myeloma Cell Lines. 1998 , 92, 2914-2923	63
1846	Somatic Fas Mutations in Non-Hodgkin Lymphoma: Association With Extranodal Disease and Autoimmunity. 1998 , 92, 3018-3024	270
1845	Apoptosis. 1998 , 159-188	1
1844	Induction of apoptosis in Neuro-2A cells by Zn ²⁺ chelating. 1998 , 23, 95-9	16
1843	Identification of gene family of caspases in rat kidney and altered expression in ischemia-reperfusion injury. 1998 , 274, F587-95	46
1842	Glutathione depletion is associated with decreased Bcl-2 expression and increased apoptosis in cholangiocytes. 1998 , 275, G749-57	41
1841	Mitogen-activated protein kinase kinase antagonized fas-associated death domain protein-mediated apoptosis by induced FLICE-inhibitory protein expression. 1998 , 188, 1795-802	117
1840	Lasting N-terminal phosphorylation of c-Jun and activation of c-Jun N-terminal kinases after neuronal injury. 1998 , 18, 5124-35	300
1839	Kaposi's Sarcoma and Human Herpesvirus 8. 1999 , 359-384	
1838	Calcium signaling and cytotoxicity. 1999 , 107 Suppl 1, 25-35	164
1837	Cryptosporidium parvum induces apoptosis in biliary epithelia by a Fas/Fas ligand-dependent mechanism. 1999 , 277, G599-608	39
1836	Detection and analysis of apoptosis in peripheral blood cells from breast cancer patients. 1999 , 32, 402-406	2
1835	Spontaneous apoptosis and the expression of p53 and Bcl-2 family proteins in locally advanced head and neck cancer. 1999 , 125, 417-22	36
1834	Activation of Fas inhibits heat-induced activation of HSF1 and up-regulation of hsp70. 1999 , 13, 833-42	69
1833	Apoptosis in parasites and parasite-induced apoptosis in the host immune system: a new approach to parasitic diseases. 1999 , 32, 395-401	63

1832	Amplification of FADD mRNA using RT-PCR results in an artifact. 1999 , 26, 828-30, 832, 834	7
1831	Death deflected: IL-15 inhibits TNF-alpha-mediated apoptosis in fibroblasts by TRAF2 recruitment to the IL-15Ralpha chain. 1999 , 13, 1575-85	136
1830	Resistance to TNF-alpha cytotoxicity can be achieved through different signaling pathways in rat mesangial cells. 1999 , 276, C435-41	45
1829	Gene transfer in the kidney. 1999 , 276, F1-9	8
1828	Fas regulates germ cell apoptosis in the human testis in vitro. 1999 , 276, E310-6	35
1827	Fas (CD95, APO-1) antigen expression and function in murine liver endothelial cells: implications for the regulation of apoptosis in liver endothelial cells. 1999 , 13, 1950-60	53
1826	Partial ATP depletion induces Fas- and caspase-mediated apoptosis in MDCK cells. 1999 , 276, F837-46	63
1825	Inhibition of caspase activity prevents CD95-mediated hepatic microvascular perfusion failure and restores Kupffer cell clearance capacity. 1999 , 13, 1239-48	54
1824	MHC class I cross-talk with CD2 and CD28 induces specific intracellular signalling and leads to growth retardation and apoptosis via a p56(lck)-dependent mechanism. 1999 , 16, 199-211	7
1823	Nitric oxide induces tyrosine nitration and release of cytochrome c preceding an increase of mitochondrial transmembrane potential in macrophages. 1999 , 13, 2311-7	118
1822	Caspase-Mediated Proteolysis and Activation of Protein Kinase C Plays a Central Role in Neutrophil Apoptosis. 1999 , 94, 291-301	117
1821	African swine fever virus infection induces tumor necrosis factor alpha production: implications in pathogenesis. 1999 , 73, 2173-80	66
1820	Oligodendrocyte apoptosis mediated by caspase activation. 1999 , 19, 3043-9	141
1819	Fas/Apo [apoptosis]-1 and associated proteins in the differentiating cerebral cortex: induction of caspase-dependent cell death and activation of NF-kappaB. 1999 , 19, 1754-70	135
1818	Cloning and Expression of a Short Fas Ligand: A New Alternatively Spliced Product of the Mouse Fas Ligand Gene. 1999 , 94, 3456-3467	26
1817	Inhibition of Caspase Cascade by HTLV-I Tax Through Induction of NF-B Nuclear Translocation. 1999 , 94, 3847-3854	88
1816	Interferon γ Induces Upregulation and Activation of Caspases 1, 3, and 8 to Produce Apoptosis in Human Erythroid Progenitor Cells. 1999 , 93, 3309-3316	182
1815	Caspases Mediate Tumor Necrosis Factor- α Induced Neutrophil Apoptosis and Downregulation of Reactive Oxygen Production. 1999 , 93, 674-685	119

1814	P-Glycoprotein Protects Leukemia Cells Against Caspase-Dependent, but not Caspase-Independent, Cell Death. 1999 , 93, 1075-1085	273
1813	Apoptotic Role of Fas/Fas Ligand System in the Regulation of Erythropoiesis. 1999 , 93, 796-803	214
1812	Functional Fas Expression in Human Thymic Epithelial Cells. 1999 , 93, 2660-2670	17
1811	Anticancer Drugs Induce Caspase-8/FLICE Activation and Apoptosis in the Absence of CD95 Receptor/Ligand Interaction. 1999 , 93, 3053-3063	266
1810	Defective Apoptotic Signal Transduction Pathway Downstream of Caspase-3 in Human B-Lymphoma Cells: A Novel Mechanism of Nuclear Apoptosis Resistance. 1999 , 94, 3523-3530	49
1809	Differential expression profiles of apoptosis-affecting genes in HIV-infected cell lines and patient T cells. 1999 , 13, 167-75	14
1808	Assessing apoptosis of developing T cells by flow cytometry. 2000 , 134, 117-31	
1807	Phorbol ester facilitates apoptosis in murine fibroblasts pretreated by mild ultraviolet radiation. 1999 , 126, 340-6	10
1806	Combined antiviral therapy reduces HIV-1 plasma load and improves CD4 counts but does not interfere with ongoing lymphocyte apoptosis. 1999 , 21, 645-65	3
1805	Xenobiotic-induced apoptosis: significance and potential application as a general biomarker of response. 1999 , 4, 237-53	50
1804	The role of placental Fas ligand in maintaining immune privilege at maternal-fetal interfaces. 1999 , 17, 39-44	74
1803	The Fas system, a regulator of testicular germ cell apoptosis, is differentially up-regulated in Sertoli cell versus germ cell injury of the testis. 1999 , 140, 852-8	240
1802	Fas ligand, death gene. 1999 , 6, 1174-81	75
1801	Mitochondrial regulation of cell death: mitochondria are essential for procaspase 3-p21 complex formation to resist Fas-mediated cell death. 1999 , 19, 3842-7	105
1800	Human papillomavirus (HPV) E6 interactions with Bak are conserved amongst E6 proteins from high and low risk HPV types. 1999 , 80 (Pt 6), 1513-1517	157
1799	Tumor necrosis factor-alpha-activated cell death pathways in NIT-1 insulinoma cells and primary pancreatic beta cells. 1999 , 140, 3219-27	79
1798	Apoptosis regulating proteins as targets of therapy for haematological malignancies. 1999 , 8, 2027-2057	14
1797	Death signals from the B cell antigen receptor target mitochondria, activating necrotic and apoptotic death cascades in a murine B cell line, WEHI-231. 1999 , 11, 933-41	38

1796	The Bcl-2 protein family. 1999 , 23, 173-207	4
1795	Mechanisms involved in ultraviolet light-induced immunosuppression. 1999 , 4, 61-4	108
1794	Fas and Fas ligand in autoimmunity. 1999 , 1, 31-55	3
1793	Increased apoptotic peripheral blood neutrophils in systemic lupus erythematosus: relations with disease activity, antibodies to double stranded DNA, and neutropenia. 1999 , 58, 309-14	176
1792	Death receptor Fas/Apo-1/CD95 expressed by human placental cytotrophoblasts does not mediate apoptosis. 1999 , 60, 1144-50	60
1791	Bcl-2 and caspase inhibition cooperate to inhibit tumor necrosis factor-alpha-induced cell death in a Bcl-2 cleavage-independent fashion. 1999 , 274, 18552-8	35
1790	p75 neurotrophin receptor-mediated neuronal death is promoted by Bcl-2 and prevented by Bcl-xL. 1999 , 274, 16387-91	44
1789	Multiple pathways of apoptosis in PC12 cells. CrmA inhibits apoptosis induced by beta-amyloid. 1999 , 274, 2107-12	82
1788	Functional differences of two forms of the inhibitor of caspase-activated DNase, ICAD-L, and ICAD-S. 1999 , 274, 15740-4	84
1787	Down-regulation of tumor necrosis factor alpha expression by activating transcription factor 2 increases UVC-induced apoptosis of late-stage melanoma cells. 1999 , 274, 14079-89	39
1786	Serum from patients with severe heart failure downregulates eNOS and is proapoptotic: role of tumor necrosis factor-alpha. 1999 , 100, 1983-91	191
1785	Modulation of tumor necrosis factor-alpha-mediated cytotoxicity by changes of the cellular methylation state: mechanism and in vivo relevance. 1999 , 11, 519-27	21
1784	Characterization of caspase processing and activation in HL-60 cell cytosol under cell-free conditions. Nucleotide requirement and inhibitor profile. 1999 , 274, 22635-45	57
1783	A caspase-9 variant missing the catalytic site is an endogenous inhibitor of apoptosis. 1999 , 274, 2072-6	142
1782	Fas and Fas ligand messenger ribonucleic acid and protein expression in the rat corpus luteum during apoptosis-mediated luteolysis. 1999 , 60, 797-804	88
1781	Functional interaction of DFF35 and DFF45 with caspase-activated DNA fragmentation nuclease DFF40. 1999 , 274, 20759-62	62
1780	Germ cell apoptosis in the testes of Sprague Dawley rats following testosterone withdrawal by ethane 1,2-dimethanesulfonate administration: relationship to Fas?. 1999 , 61, 70-5	112
1779	Extracts of Actinobacillus actinomycetemcomitans induce apoptotic cell death in human osteoblastic MG63 cells. 1999 , 78, 735-42	20

1778	Inhibition of death receptor signaling by FLICE-inhibitory protein as a mechanism for immune escape of tumors. 1999 , 190, 891-4	70
1777	Modulation of cytokine-induced cardiac myocyte apoptosis by nitric oxide, Bak, and Bcl-x. 1999 , 84, 21-33	238
1776	Cleavage by granzyme B is strongly predictive of autoantigen status: implications for initiation of autoimmunity. 1999 , 190, 815-26	434
1775	Mitochondria-dependent and -independent regulation of Granzyme B-induced apoptosis. 1999 , 189, 131-44	165
1774	Caspase-mediated cleavage of DNA topoisomerase I at unconventional sites during apoptosis. 1999 , 274, 4335-40	87
1773	DNA fragmentation factor 45-deficient cells are more resistant to apoptosis and exhibit different dying morphology than wild-type control cells. 1999 , 274, 37450-4	63
1772	Caspases. Multifunctional proteases. 1999 , 190, 1725-8	25
1771	ECell Dysfunction and Death. 1999 , 29, 47-73	2
1770	Transcriptional regulation of Fas gene expression by GA-binding protein and AP-1 in T cell antigen receptor.CD3 complex-stimulated T cells. 1999 , 274, 35203-10	31
1769	Apoptosis. 1999 , 217-236	101
1768	The inhibition of NF-kappaB activation pathways and the induction of apoptosis by dithiocarbamates in T cells are blocked by the glutathione precursor N-acetyl-L-cysteine. 1999 , 380, 1383-94	22
1767	LFG: an anti-apoptotic gene that provides protection from Fas-mediated cell death. 1999 , 96, 12667-72	119
1766	alpha- and beta-adrenergic pathways differentially regulate cell type-specific apoptosis in rat cardiac myocytes. 1999 , 100, 305-11	165
1765	Bruton's tyrosine kinase as an inhibitor of the Fas/CD95 death-inducing signaling complex. 1999 , 274, 1646-56	94
1764	Effects of thyroid hormones on apoptotic cell death of human lymphocytes. 1999 , 84, 1378-85	53
1763	The extracellular versus intracellular mechanisms of inhibition of TCR-triggered activation in thymocytes by adenosine under conditions of inhibited adenosine deaminase. 1999 , 11, 179-89	46
1762	A critical role for Fas ligand in the active suppression of systemic immune responses by ultraviolet radiation. 1999 , 189, 1285-94	67
1761	TID1, a human homolog of the Drosophila tumor suppressor l(2)tid, encodes two mitochondrial modulators of apoptosis with opposing functions. 1999 , 96, 8499-504	119

1760	Solution structure of Apaf-1 CARD and its interaction with caspase-9 CARD: a structural basis for specific adaptor/caspase interaction. 1999 , 96, 11265-70	127
1759	Granzymes are the essential downstream effector molecules for the control of primary virus infections by cytolytic leukocytes. 1999 , 96, 13950-5	172
1758	A newly identified member of tumor necrosis factor receptor superfamily (TR6) suppresses LIGHT-mediated apoptosis. 1999 , 274, 13733-6	299
1757	12-O-tetradecanoylphorbol-13-acetate-induced apoptosis is mediated by tumor necrosis factor alpha in human monocytic U937 cells. 1999 , 274, 28286-92	24
1756	F1Aalpha, a death receptor-binding protein homologous to the <i>Caenorhabditis elegans</i> sex-determining protein, FEM-1, is a caspase substrate that mediates apoptosis. 1999 , 274, 32461-8	28
1755	Identification and characterization of a ligand-independent oligomerization domain in the extracellular region of the CD95 death receptor. 1999 , 274, 38241-50	120
1754	A Fas promoter polymorphism at position -670 in the enhancer region does not confer susceptibility to Felty's and large granular lymphocyte syndromes. 1999 , 38, 883-6	20
1753	Fas ligand: a potential target for therapeutic immune modulation in transplantation and inflammatory diseases. 1999 , 3, 503-512	
1752	Signaling by tumor necrosis factor receptors: pathways, paradigms and targets for therapeutic modulation. 1999 , 18, 405-27	16
1751	Fas-Fas ligand interactions play a major role in effector functions of cytotoxic T lymphocytes after adenovirus vector-mediated gene transfer. 1999 , 10, 259-69	32
1750	Treatment of experimental glioma by administration of adenoviral vectors expressing Fas ligand. 1999 , 10, 1641-8	76
1749	Adenoviral vector-mediated gene therapy in the mouse lung: no role of Fas-Fas ligand interactions for elimination of transgene expression in bronchioepithelial cells. 1999 , 10, 2839-46	8
1748	Caspase-dependent activation of calpain during drug-induced apoptosis. 1999 , 274, 8309-15	155
1747	Cytokine-induced apoptosis in epithelial HT-29 cells is independent of nitric oxide formation. Evidence for an interleukin-13-driven phosphatidylinositol 3-kinase-dependent survival mechanism. 1999 , 274, 17193-201	73
1746	Nitric oxide inhibits caspase-3 by S-nitrosation in vivo. 1999 , 274, 6823-6	333
1745	Cycloheximide-induced T-cell death is mediated by a Fas-associated death domain-dependent mechanism. 1999 , 274, 7245-52	109
1744	Caspase activation involves the formation of the aposome, a large (approximately 700 kDa) caspase-activating complex. 1999 , 274, 22686-92	234
1743	Equine herpesvirus-2 E10 gene product, but not its cellular homologue, activates NF-kappaB transcription factor and c-Jun N-terminal kinase. 1999 , 274, 9962-8	91

1742	mE10, a novel caspase recruitment domain-containing proapoptotic molecule. 1999 , 274, 10287-92	97
1741	The p75(NTR)-induced apoptotic program develops through a ceramide-caspase pathway negatively regulated by nitric oxide. 1999 , 274, 15466-72	41
1740	Costimulatory signals are required for induction of transcription factor Nur77 during negative selection of CD4(+)CD8(+) thymocytes. 1999 , 96, 622-7	30
1739	Tumor necrosis factor-related apoptosis-inducing ligand receptors signal NF-kappaB and JNK activation and apoptosis through distinct pathways. 1999 , 274, 30603-10	174
1738	Programmed cell death of embryonic motoneurons triggered through the Fas death receptor. 1999 , 147, 1049-62	200
1737	Comparison of paclitaxel-, 5-fluoro-2'-deoxyuridine-, and epidermal growth factor (EGF)-induced apoptosis. Evidence for EGF-induced anoikis. 1999 , 274, 15927-36	68
1736	Dephosphorylation targets Bcl-2 for ubiquitin-dependent degradation: a link between the apoptosome and the proteasome pathway. 1999 , 189, 1815-22	284
1735	Male Reproductive Function. 1999 ,	
1734	Lymphocyte survival--the struggle against death. 1999 , 15, 113-40	40
1733	Herpes simplex virus type 2 infection induced apoptosis in peritoneal macrophages independent of Fas and tumor necrosis factor-receptor signaling. 1999 , 12, 263-75	20
1732	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
1731	Activation of Fas by FasL induces apoptosis by a mechanism that cannot be blocked by Bcl-2 or Bcl-x(L). 1999 , 96, 14871-6	276
1730	p38 mitogen-activated protein kinase is involved in Fas ligand expression. 1999 , 274, 25769-76	65
1729	BAFF, a novel ligand of the tumor necrosis factor family, stimulates B cell growth. 1999 , 189, 1747-56	1089
1728	Sequential activation of caspase-1 and caspase-3-like proteases during apoptosis in myelodysplastic syndromes. 1999 , 8, 343-56	26
1727	Bad can act as a key regulator of T cell apoptosis and T cell development. 1999 , 189, 575-86	95
1726	Characterization of a novel cis-element that regulates Fas ligand expression in corneal endothelial cells. 1999 , 274, 26537-42	11
1725	Fas gene mutation in the progression of adult T cell leukemia. 1999 , 189, 1063-71	113

- 1724 Trichothecene mycotoxins trigger a ribotoxic stress response that activates c-Jun N-terminal kinase and p38 mitogen-activated protein kinase and induces apoptosis. **1999**, 274, 13985-92 325
- 1723 Conformational and molecular basis for induction of apoptosis by a p53 C-terminal peptide in human cancer cells. **1999**, 274, 34924-31 86
- 1722 Caspases induce cytochrome c release from mitochondria by activating cytosolic factors. **1999**, 274, 17484-90 241
- 1721 Immune responses to adenoviruses: viral evasion mechanisms and their implications for the clinic. **1999**, 11, 380-6 168
- 1720 Le concept d'apoptose. **1999**, 1999, 27-30
- 1719 'Loop' domain deletional mutant of Bcl-xL is as effective as p29Bcl-xL in inhibiting radiation-induced cytosolic accumulation of cytochrome c (cyt c), caspase-3 activity, and apoptosis. **1999**, 43, 423-30 8
- 1718 Consequences of the photodynamic treatment of resting and activated peripheral T lymphocytes. **1999**, 41, 31-44 48
- 1717 Parvovirus B19 infection induces apoptosis of erythroid cells in vitro and in vivo. **1999**, 39, 68-76 54
- 1716 Apoptosis and the CD95 system in HIV disease: impact of highly active anti-retroviral therapy (HAART). **1999**, 66, 97-103 38
- 1715 The Fas counterattack: cancer as a site of immune privilege. **1999**, 20, 46-52 197
- 1714 Levels of soluble FasL and FasL gene expression during the development of graft-versus-host disease in DLT-treated patients. **1999**, 104, 795-800 37
- 1713 Induction of apoptosis and caspase activation in cells obtained from familial haemophagocytic lymphohistiocytosis patients. **1999**, 106, 406-15 38
- 1712 Functional expression of TRAIL by lymphoid and myeloid tumour cells. **1999**, 106, 827-32 35
- 1711 Mechanisms of Mycobacterium avium-induced resistance against insulin-dependent diabetes mellitus (IDDM) in non-obese diabetic (NOD) mice: role of Fas and Th1 cells. **1999**, 115, 248-54 32
- 1710 Interferon-alpha (IFN-alpha) enhances cytotoxicity in healthy volunteers and chronic hepatitis C infection mainly by the perforin pathway. **1999**, 118, 71-7 28
- 1709 The fas and fas ligand pathways in liver allograft tolerance. **1999**, 118, 180-7 21
- 1708 Apoptosis of CD4+ T cells occurs in experimental autoimmune anterior uveitis (EAAU). **1999**, 118, 357-63 4
- 1707 Serum levels of soluble Fas ligand in patients with silicosis. **1999**, 118, 441-4 43

1706	Hepatitis C virus core protein does not inhibit apoptosis in human hepatoma cells. 1999 , 29, 940-6	29
1705	Soluble Fas and soluble Fas ligand proteins in human milk: possible significance in the development of immunological tolerance. 1999 , 49, 51-4	13
1704	Photodynamic alteration of the surface receptor expression pattern of murine splenic dendritic cells. 1999 , 49, 184-92	42
1703	Isolation of a novel SUMO protein from tomato that suppresses EIX-induced cell death. 1999 , 19, 533-41	81
1702	alpha-fetoprotein causes apoptosis in tumor cells via a pathway independent of CD95, TNFR1 and TNFR2 through activation of caspase-3-like proteases. 1999 , 266, 750-61	44
1701	Regulation of caspase activation in apoptosis: implications in pathogenesis and treatment of disease. 1999 , 26, 295-303	47
1700	Regulation of pro-apoptotic leucocyte granule serine proteinases by intracellular serpins. 1999 , 77, 47-57	53
1699	Targeted disruption of caspase genes in mice: what they tell us about the functions of individual caspases in apoptosis. 1999 , 77, 58-63	46
1698	Anti-viral strategies of cytotoxic T lymphocytes are manifested through a variety of granule-bound pathways of apoptosis induction. 1999 , 77, 76-89	29
1697	Signalling by CD95 and TNF receptors: not only life and death. 1999 , 77, 41-6	58
1696	Cell death induced by the Fas/Fas ligand pathway and its role in pathology. 1999 , 77, 312-7	208
1695	Changes in nuclear morphology during apoptosis correlate with vimentin cleavage by different caspases located either upstream or downstream of Bcl-2 action. 1999 , 4, 401-14	88
1694	Involvement of Fas system-mediated apoptosis in pathogenesis of viral hepatitis. 1999 , 6, 357-65	69
1693	Molecular mechanisms of diabetic renal hypertrophy. 1999 , 56, 393-405	358
1692	Involvement of Fas-dependent apoptosis in renal tubular epithelial cell deletion in chronic renal failure. 1999 , 56, 1313-6	47
1691	Expression of apoptosis regulatory genes in chronic cyclosporine nephrotoxicity favors apoptosis. 1999 , 56, 2147-59	93
1690	Fas on renal parenchymal cells does not promote autoimmune nephritis in MRL mice. 1999 , 55, 841-51	8
1689	Induction of antigen-specific immunosuppression by CD95L cDNA-transfected 'killer' dendritic cells. 1999 , 5, 930-7	150

1688	The CED-4-homologous protein FLASH is involved in Fas-mediated activation of caspase-8 during apoptosis. 1999 , 398, 777-85	220
1687	Erratum: The CED-4-homologous protein FLASH is involved in Fas-mediated activation of caspase-8 during apoptosis. 1999 , 400, 89-89	
1686	Correction: Structural basis for initiation of transcription from an RNA polymerase β promoter complex. 1999 , 400, 89-89	0
1685	Biddable death. 1999 , 1, E143-5	30
1684	Motivating endosome motility. 1999 , 1, E145-7	12
1683	Structure of the TRAIL-DR5 complex reveals mechanisms conferring specificity in apoptotic initiation. 1999 , 6, 1048-53	214
1682	Chronic Ethanol-Initiated Apoptosis in Hepatocytes Is Induced by Changes in Membrane Biogenesis and Intracellular Transport. 1999 , 23, 334-343	13
1681	Shigella flexneri YSH6000 induces two types of cell death, apoptosis and oncosis, in the differentiated human monoblastic cell line U937. 1999 , 174, 89-95	25
1680	Absence of Fas (CD95) and FasL (CD95L) immunohistochemical expression suggests Fas/FasL-mediated apoptotic signal is not relevant in cutaneous Kaposi's sarcoma lesions. 1999 , 26, 417-23	6
1679	Evidence that apoptosis and terminal differentiation of epidermal keratinocytes are distinct processes. 1999 , 8, 71-9	110
1678	Programmed cell death as a mechanism of CD4 and CD8 T cell deletion in AIDS. Molecular control and effect of highly active anti-retroviral therapy. 1999 , 887, 199-212	72
1677	Activation of a 36-kD MBP kinase, an active proteolytic fragment of MST/Krs proteins, during anticancer drug-induced apoptosis. 1999 , 886, 273-5	7
1676	Apoptotic molecules in pancreatic carcinoma cell lines. 1999 , 880, 175-8	5
1675	Immune evasion by adenoviruses. 1999 , 168, 121-30	121
1674	Gene targeting in the analysis of mammalian apoptosis and TNF receptor superfamily signaling. 1999 , 169, 283-302	66
1673	Immunohistochemical analysis of Fas ligand expression in normal human tissues. 1999 , 107, 1013-9	37
1672	Immunohistochemical localization of FAP-1, an inhibitor of Fas-mediated apoptosis, in normal and neoplastic human tissues. 1999 , 107, 1101-8	40
1671	Activation of caspases in p53-induced transactivation-independent apoptosis. 1999 , 90, 180-7	30

1670	Manganese superoxide dismutase negatively regulates the induction of apoptosis by 5-fluorouracil, peplomycin and gamma-rays in squamous cell carcinoma cells. 1999 , 90, 555-64	28
1669	Apoptosis. Cutting red-cell production. 1999 , 401, 433, 435-6	17
1668	Negative regulation of erythropoiesis by caspase-mediated cleavage of GATA-1. 1999 , 401, 489-93	327
1667	Bisindolylmaleimide VIII facilitates Fas-mediated apoptosis and inhibits T cell-mediated autoimmune diseases. 1999 , 5, 42-8	100
1666	Tumoricidal activity of tumor necrosis factor-related apoptosis-inducing ligand in vivo. 1999 , 5, 157-63	2158
1665	Apoptosis in the effector phase of autoimmune diabetes, multiple sclerosis and thyroiditis. 1999 , 6, 13-21	34
1664	JNK/SAPK activity contributes to TRAIL-induced apoptosis. 1999 , 6, 130-5	72
1663	De novo expression of the class-A macrophage scavenger receptor conferring resistance to apoptosis in differentiated human THP-1 monocytic cells. 1999 , 6, 245-55	20
1662	A novel adenoviral vector expressing human Fas/CD95/APO-1 enhances p53-mediated apoptosis. 1999 , 6, 326-33	23
1661	Dynamic correlation of apoptosis and immune activation during treatment of HIV infection. 1999 , 6, 420-32	88
1660	Induction of CD95 ligand and apoptosis by doxorubicin is modulated by the redox state in chemosensitive- and drug-resistant tumor cells. 1999 , 6, 471-80	74
1659	NF-kappaB functions as both a proapoptotic and antiapoptotic regulatory factor within a single cell type. 1999 , 6, 570-82	127
1658	Butyrate mediates Caco-2 cell apoptosis via up-regulation of pro-apoptotic BAK and inducing caspase-3 mediated cleavage of poly-(ADP-ribose) polymerase (PARP). 1999 , 6, 729-35	99
1657	Ceramide-induced apoptosis occurs independently of caspases and is decreased by leupeptin. 1999 , 6, 788-95	37
1656	Bacterial death induced by expression of the intracellular portion of human Fas. 1999 , 6, 805-12	4
1655	NO: an inhibitor of cell death. 1999 , 6, 937-42	166
1654	Ultrarapid caspase-3 dependent apoptosis induction by serine/threonine phosphatase inhibitors. 1999 , 6, 1099-108	112
1653	Apaf1 and the apoptotic machinery. 1999 , 6, 1087-98	97

1652	Involvement of Fas (CD95/APO-1) and Fas ligand in apoptosis induced by ganciclovir treatment of tumor cells transduced with herpes simplex virus thymidine kinase. 1999 , 6, 420-31	34
1651	Chemotherapeutic drugs sensitize pre-B ALL cells for CD95- and cytotoxic T-lymphocyte-mediated apoptosis. 1999 , 13, 400-9	36
1650	Cytotoxic drugs and the CD95 pathway. 1999 , 13, 1854-8	177
1649	Signal transduction, cell cycle regulatory, and anti-apoptotic pathways regulated by IL-3 in hematopoietic cells: possible sites for intervention with anti-neoplastic drugs. 1999 , 13, 1109-66	152
1648	TRAIL is a potent inducer of apoptosis in myeloma cells derived from multiple myeloma patients and is not cytotoxic to hematopoietic stem cells. 1999 , 13, 1817-24	130
1647	Clinical significance of CD95, Bcl-2 and Bax expression and CD95 function in adult de novo acute myeloid leukemia in context of P-glycoprotein function, maturation stage, and cytogenetics. 1999 , 13, 1943-53	65
1646	Anti-apoptotic function of Rac in hematopoietic cells. 1999 , 18, 407-15	82
1645	Caspase 3 inactivation to suppress Fas-mediated apoptosis: identification of binding domain with p21 and ILP and inactivation machinery by p21. 1999 , 18, 1239-44	126
1644	MycN sensitizes neuroblastoma cells for drug-induced apoptosis. 1999 , 18, 1479-86	109
1643	Death-associated protein kinase 2 is a new calcium/calmodulin-dependent protein kinase that signals apoptosis through its catalytic activity. 1999 , 18, 3471-80	101
1642	JNK activation is not required for Fas-mediated apoptosis. 1999 , 18, 3737-41	28
1641	The antiapoptotic decoy receptor TRID/TRAIL-R3 is a p53-regulated DNA damage-inducible gene that is overexpressed in primary tumors of the gastrointestinal tract. 1999 , 18, 4153-9	139
1640	Involvement of caspase 3-activated DNase in internucleosomal DNA cleavage induced by diverse apoptotic stimuli. 1999 , 18, 4401-8	104
1639	Mediation of TNF receptor-associated factor effector functions by apoptosis signal-regulating kinase-1 (ASK1). 1999 , 18, 5814-20	102
1638	Induction of the TRAIL receptor KILLER/DR5 in p53-dependent apoptosis but not growth arrest. 1999 , 18, 6411-8	93
1637	From receptors to stress-activated MAP kinases. 1999 , 18, 6087-93	463
1636	Murine Siva-1 and Siva-2, alternate splice forms of the mouse Siva gene, both bind to CD27 but differentially transduce apoptosis. 1999 , 18, 7174-9	41
1635	More than one way to die: apoptosis, necrosis and reactive oxygen damage. 1999 , 18, 7719-30	718

1634	Bcl-2 overexpression blocks caspase activation and downstream apoptotic events instigated by photodynamic therapy. 1999 , 79, 95-100	74
1633	Apoptotic activity is increased in parallel with the metaplasia-dysplasia-carcinoma sequence of the bronchial epithelium. 1999 , 79, 996-1002	25
1632	Camptothecin sensitizes androgen-independent prostate cancer cells to anti-Fas-induced apoptosis. 1999 , 80, 371-8	32
1631	Fractionated gamma-irradiation renders tumour cells more responsive to apoptotic signals through CD95. 1999 , 80, 1689-96	24
1630	Expression of caspases 3, 6 and 8 is increased in parallel with apoptosis and histological aggressiveness of the breast lesion. 1999 , 81, 592-9	84
1629	Induction of apoptosis in human mitogen-activated peripheral blood T-lymphocytes by the ether phospholipid ET-18-OCH ₃ : involvement of the Fas receptor/ligand system. 1999 , 127, 813-25	40
1628	Tumor necrosis factor-related apoptosis-inducing ligand (TRAIL) for treatment of prostate cancer: first results and review of the literature. 1999 , 2, 227-233	22
1627	Involvement of sphingomyelinases in TNF signaling pathways. 1999 , 102, 157-66	57
1626	Regulatable expression of the interferon-induced double-stranded RNA dependent protein kinase PKR induces apoptosis and fas receptor expression. 1999 , 256, 322-9	70
1625	Activation of Bcl-2 promoter-directed gene expression by the human immunodeficiency virus type-1 Tat protein. 1999 , 257, 502-10	21
1624	MEK1 activation rescues Jurkat T cells from Fas-induced apoptosis. 1999 , 194, 67-77	49
1623	Fas modulates both positive and negative selection of thymocytes. 1999 , 194, 127-35	15
1622	Reduction in mitochondrial membrane potential is an early event in Fas-independent CTL-mediated apoptosis. 1999 , 195, 43-52	30
1621	Quantitative and qualitative signals determine T-cell cycle entry and progression. 1999 , 197, 19-29	25
1620	Primary ovarian cancer cultures are resistant to Fas-mediated apoptosis. 1999 , 74, 265-71	38
1619	Inhibition of Fas receptor (CD95)-induced hepatic caspase activation and apoptosis by acetaminophen in mice. 1999 , 156, 179-86	140
1618	Role of Fas-Fas ligand interactions in 2,3,7,8-tetrachlorodibenzo- p-dioxin (TCDD)-induced immunotoxicity: increased resistance of thymocytes from Fas-deficient (lpr) and Fas ligand-defective (gld) mice to TCDD-induced toxicity. 1999 , 160, 141-55	58
1617	Participation of the Fas-signaling system in the initiation of germ cell apoptosis in young rat testes after exposure to mono-(2-ethylhexyl) phthalate. 1999 , 160, 271-8	77

1616	The modular nature of apoptotic signaling proteins. 1999 , 55, 1113-28	111
1615	Cytokines as suppressors of apoptosis. 1999 , 4, 187-96	31
1614	Fas-mediated apoptosis in Jurkat cells is suppressed in the pre-G2/M phase. 1999 , 4, 255-61	4
1613	Fas ligand: receptor or ligand?. 1999 , 4, 311-5	12
1612	IL-3 induces apoptosis in a ras-transformed myeloid cell line. 1999 , 4, 71-80	
1611	A portrait of the Bcl-2 protein family: life, death, and the whole picture. 1999 , 19, 365-77	37
1610	Human DU145 prostate cancer cells overexpressing mitogen-activated protein kinase phosphatase-1 are resistant to Fas ligand-induced mitochondrial perturbations and cellular apoptosis. 1999 , 199, 169-78	52
1609	In situ localization of apoptotic changes in the interface membrane of aseptically loosened orthopaedic implants. 1999 , 10, 879-83	14
1608	Current concepts: large granular lymphocyte leukemia. 1999 , 13, 230-40	180
1607	Blocked negative selection of developing T cells in mice expressing the baculovirus p35 caspase inhibitor. 1999 , 18, 156-66	52
1606	Induction of cell death by tumour necrosis factor (TNF) receptor 2, CD40 and CD30: a role for TNF-R1 activation by endogenous membrane-anchored TNF. 1999 , 18, 3034-43	226
1605	Aiolos transcription factor controls cell death in T cells by regulating Bcl-2 expression and its cellular localization. 1999 , 18, 3419-30	69
1604	Oncogenic Ras inhibits Fas ligand-mediated apoptosis by downregulating the expression of Fas. 1999 , 18, 1824-31	126
1603	Mammalian caspases: structure, activation, substrates, and functions during apoptosis. 1999 , 68, 383-424	2313
1602	Tumor necrosis factor receptor and Fas signaling mechanisms. 1999 , 17, 331-67	1114
1601	Redox regulation of TNF signaling. 1999 , 10, 145-56	117
1600	Fas and Fas ligand expression in inflamed islets in pancreas sections of patients with recent-onset Type I diabetes mellitus. 1999 , 42, 1332-40	129
1599	Apoptosis and autoimmune disease. 1999 , 48, 5-21	46

1598	Mechanisms of p53-mediated apoptosis. 1999 , 55, 28-37	258
1597	Chemotherapy and immunotherapy of malignant glioma: molecular mechanisms and clinical perspectives. 1999 , 56, 481-506	52
1596	Soluble fas antigen in serum of cancer patients. 1999 , 127, 296-298	5
1595	Signaling of neuronal cell death by the p75NTR neurotrophin receptor. 1999 , 20, 29-44	33
1594	Arsenic trioxide induces apoptosis of myeloid leukemia cells by activation of caspases. 1999 , 16, 58-64	69
1593	Immune escape Mechanismen von humanen Tumoren. 1999 , 5, 668	1
1592	Cisplatin-induced apoptosis in human proximal tubular epithelial cells is associated with the activation of the Fas/Fas ligand system. 1999 , 111, 359-65	51
1591	Protein phosphorylation and signal transduction. 1999 , 82, 111-21	328
1590	Expression and hormonal regulation of rat ovarian interleukin-1beta converting enzyme, a putative apoptotic marker: endocrine- and paracrine-dependence. 1999 , 45, 67-79	2
1589	Death by design: mechanism and control of apoptosis. 1999 , 15, M49-M52	3
1588	Elevated circulating levels and cardiac secretion of soluble Fas ligand in patients with congestive heart failure. 1999 , 83, 1500-3, A8	67
1587	Apoptosis-inducing members of the tumor necrosis factor supergene family: Potential functions in placentae: A review. 1999 , 20, 243-257	
1586	Free radical-induced megamitochondria formation and apoptosis. 1999 , 26, 396-409	122
1585	Cupric nitilotriacetate-induced apoptosis in HL-60 cells association with lipid peroxidation, release of cytochrome C from mitochondria, and activation of caspase-3. 1999 , 27, 227-33	40
1584	The Fanconi anemia group C gene product modulates apoptotic responses to tumor necrosis factor-alpha and Fas ligand but does not suppress expression of receptors of the tumor necrosis factor receptor superfamily. 1999 , 27, 1-8	33
1583	Defective apoptosis due to a point mutation in the death domain of CD95 associated with autoimmune lymphoproliferative syndrome, T-cell lymphoma, and Hodgkin's disease. 1999 , 27, 868-74	43
1582	Fas ligand promotes cell survival of immature human bone marrow CD34+CD38- hematopoietic progenitor cells by suppressing apoptosis. 1999 , 27, 1451-9	42
1581	Suppression of gastric mucosal inflammatory responses to Helicobacter pylori lipopolysaccharide by sulglycotide. 1999 , 32, 251-7	4

1580	Redox regulation of cellular signalling. 1999 , 11, 1-14	955
1579	Apoptosis control by death and decoy receptors. 1999 , 11, 255-60	1113
1578	Death by design: mechanism and control of apoptosis. 1999 , 9, M49-M52	129
1577	Death by design: mechanism and control of apoptosis. 1999 , 24, M49-M52	8
1576	The atomic-resolution structure of human caspase-8, a key activator of apoptosis. 1999 , 7, 1135-43	146
1575	Up-regulation of Fas ligand and down-regulation of Fas expression in oral carcinogenesis. 1999 , 35, 548-53	24
1574	Death receptors in liver biology and pathobiology. 1999 , 29, 1-4	173
1573	Apoptosis in human hepatoma cell lines by chemotherapeutic drugs via Fas-dependent and Fas-independent pathways. 1999 , 29, 101-10	83
1572	The role of Fas in apoptosis induced by anticancer drugs. 1999 , 29, 280-1	8
1571	Mitosis and apoptosis in the liver of interleukin-6-deficient mice after partial hepatectomy. 1999 , 29, 403-11	223
1570	Hepatocyte growth factor prevents endotoxin-induced lethal hepatic failure in mice. 1999 , 30, 151-9	177
1569	CD95-Mediated murine hepatic apoptosis requires an intact glutathione status. 1999 , 30, 177-85	54
1568	Expression of functional CD40 in human hepatocellular carcinoma. 1999 , 30, 920-6	41
1567	Activation of caspase-8 in transforming growth factor-beta-induced apoptosis of human hepatoma cells. 1999 , 30, 1215-22	85
1566	Tumor necrosis factor alpha regulation of the FAS-mediated apoptosis-signaling pathway in synovial cells. 1999 , 42, 519-26	63
1565	The spectrum of apoptotic defects and clinical manifestations, including systemic lupus erythematosus, in humans with CD95 (Fas/APO-1) mutations. 1999 , 42, 1833-42	79
1564	Regulation of synovial cell apoptosis by proteasome inhibitor. 1999 , 42, 2440-8	32
1563	Polymorphonuclear cell apoptosis in exudates generated by polymers. 1999 , 44, 429-35	13

1562	Apoptosis of ovarian granulosa cells: Correlation with the reduced activity of ERK-signaling module. 1999 , 75, 547-554	45
1561	Function of caspases in regulating apoptosis caused by erythropoietin deprivation in erythroid progenitors. 1999 , 178, 133-43	76
1560	Susceptibility to FAS-induced apoptosis in human nontumoral enterocytes: role of costimulatory factors. 1999 , 181, 45-54	42
1559	The p53 pathway and apoptosis. 1999 , 181, 231-9	164
1558	The essential role of phorbol ester-sensitive protein kinase C isoforms in activation-induced cell death of Th1 cells. 1999 , 29, 727-32	18
1557	The transcriptional regulator Rel is essential for antigen receptor-mediated stimulation of mature T cells but dispensable for positive and negative selection of thymocytes and T cell apoptosis. 1999 , 29, 928-35	24
1556	Prostaglandin E2 inhibits T cell activation-induced apoptosis and Fas-mediated cellular cytotoxicity by blockade of Fas-ligand induction. 1999 , 29, 2360-5	44
1555	NF-kappa B-dependent Fas ligand expression. 1999 , 29, 2948-56	66
1554	Cell death patterns of the rat spermatogonial cell progeny induced by sertoli cell geometric changes and Fas (CD95) agonist. 1999 , 214, 361-71	21
1553	JNK/SAPK activity is not sufficient for anticancer therapy-induced apoptosis involving CD95-L, TRAIL and TNF-alpha. 1999 , 80, 417-24	30
1552	Blockade of the Fas-triggered intracellular signaling pathway in human melanomas is circumvented by cytotoxic lymphocytes. 1999 , 81, 573-9	18
1551	Distinct p53-independent apoptotic cell death signalling pathways in testicular germ cell tumour cell lines. 1999 , 81, 620-8	61
1550	Betulinic acid: a new cytotoxic agent against malignant brain-tumor cells. 1999 , 82, 435-41	143
1549	Expression of fas ligand in human hepatoma cell lines: role of hepatitis-B virus X (HBX) in induction of Fas ligand. 1999 , 82, 587-91	47
1548	Identification of nuclei from apoptotic, necrotic, and viable lymphoid cells by using multiparameter flow cytometry. 1999 , 35, 145-53	53
1547	Nerve growth factor inhibits apoptosis induced by tumor necrosis factor in PC12 cells. 1999 , 55, 269-77	32
1546	Abnormal proliferation of CD4- CD8+ gammadelta+ T cells with chromosome 6 anomaly: role of Fas ligand expression in spontaneous regression of the cells. 1999 , 60, 305-8	7
1545	CD4 and CD8 coexpressed T-lymphocytosis in adult onset Still's disease. 1999 , 62, 122	2

1544	Vancomycin-induced thrombocytopenia. 1999 , 62, 122-3	14
1543	Transient cytomegalovirus-induced hemolysis in an immunocompetent woman. 1999 , 62, 123-4	0
1542	Decreased expression of the Fas ligand on peripheral blood mononuclear cells and undetectable levels of soluble Fas ligand in the serum of patients with aplastic anemia and myelodysplastic syndrome. 1999 , 62, 124-5	3
1541	A molecular basis of cell death in olfactory epithelium. 1999 , 414, 306-14	38
1540	Apoptosis and therapy. 1999 , 187, 127-37	239
1539	In vivo expression of soluble Fas and FAP-1: possible mechanisms of Fas resistance in human hepatoblastomas. 1999 , 188, 207-12	37
1538	Expression of Fas and Fas ligand in cutaneous B-cell lymphomas. 1999 , 189, 533-8	10
1537	p75 neurotrophin receptor as a modulator of survival and death decisions. 1999 , 45, 217-24	86
1536	Regulation of eosinophil apoptosis: transduction of survival and death signals. 1999 , 118, 7-14	24
1535	T Cell Protocols. 1999 ,	
1534	Fas ligand: a potential target for therapeutic induction of apoptosis and enhancing immunotherapy in cancer. 1999 , 3, 601-611	
1533	Environmental Metal Pollutants, Reactive Oxygen Intermediaries and Genotoxicity. 1999 ,	5
1532	Role of endothelin-1 and constitutive nitric oxide synthase in gastric mucosal resistance to indomethacin injury: effect of antiulcer agents. 1999 , 34, 459-64	29
1531	Effects of anti-Fas antibodies on lymphocytes and other organs: preparation of original and new monoclonal antibodies and amelioration of systemic autoimmune disease. 1999 , 18, 329-45	12
1530	The cell death-inducing ability of glycoprotein 120 from different HIV strains correlates with their ability to induce CD4 lateral association with CD95 on CD4+ T cells. 1999 , 15, 1255-63	14
1529	Advances in the signal transduction of ceramide and related sphingolipids. 1999 , 36, 511-73	62
1528	Fas ligand: a sensor for DNA damage critical in skin cancer etiology. 1999 , 285, 898-900	480
1527	The role of CD95 system in chemotherapy. 1999 , 2, 85-90	12

1526	The TRAIL to an anti-cancer agent. 1999 , 2, 79-80	5
1525	Tumor cell resistance to DNA topoisomerase II inhibitors: new developments. 1999 , 2, 382-389	31
1524	Free radicals and reactive oxygen species in programmed cell death. 1999 , 52, 451-63	45
1523	Fas/Fas ligand on the road: an apoptotic pathway common to AIDS, autoimmunity, lymphoproliferation and transplantation. 1999 , 53, 50-62	13
1522	Autoimmune lymphoproliferative syndrome with defective Fas: genotype influences penetrance. 1999 , 64, 1002-14	168
1521	Lack of correlation in JNK activation and p53-dependent Fas expression induced by apoptotic stimuli. 1999 , 256, 595-9	9
1520	Induction of apoptosis by apigenin and related flavonoids through cytochrome c release and activation of caspase-9 and caspase-3 in leukaemia HL-60 cells. 1999 , 35, 1517-1525	371
1519	eIF4E expression in tumors: its possible role in progression of malignancies. 1999 , 31, 59-72	284
1518	The role of caspases in development, immunity, and apoptotic signal transduction: lessons from knockout mice. 1999 , 10, 629-39	358
1517	TRAF2 deficiency results in hyperactivity of certain TNFR1 signals and impairment of CD40-mediated responses. 1999 , 11, 379-89	122
1516	Triggering cell death: the crystal structure of Apo2L/TRAIL in a complex with death receptor 5. 1999 , 4, 563-71	360
1515	HAC-1, a Drosophila homolog of APAF-1 and CED-4 functions in developmental and radiation-induced apoptosis. 1999 , 4, 745-55	183
1514	Neurotrophin binding to the p75 receptor modulates Rho activity and axonal outgrowth. 1999 , 24, 585-93	446
1513	Implications de l'apoptose en pathologie. 1999 , 14, 16-31	
1512	Macrowell cultures identify a subpopulation of neonatal rat dorsal root ganglionic neurons displaying nerve growth factor independent survival. 1999 , 276, 9-12	2
1511	Immunolocalization of caspase proteolysis in situ: evidence for widespread caspase-mediated apoptosis of neurons and glia in the postnatal rat brain. 1999 , 92, 1425-42	34
1510	The pharmacology of apoptosis. 1999 , 20, 35-42	101
1509	Neuronal apoptosis in acute necrotic insults: why is this subject such a mess?. 1999 , 22, 419-22	103

1508	Increased severity of viral myocarditis in mice lacking lymphocyte maturation. 1999 , 68, 13-22	14
1507	Fumonisin B1, a mycotoxin contaminant of cereal grains, and inducer of apoptosis via the tumour necrosis factor pathway and caspase activation. 1999 , 37, 703-12	65
1506	Enhanced Fas/CD95-mediated apoptosis by epidermal growth factor in human endometrial epithelial cells. 1999 , 86, 189-94	9
1505	Cytotoxic activity of pierisin, from the cabbage butterfly, <i>Pieris rapae</i> , in various human cancer cell lines. 1999 , 137, 75-81	44
1504	Recent advances on neuronal caspases in development and neurodegeneration. 1999 , 35, 195-220	97
1503	[Mechanisms of tumor escape from immunologic response]. 1999 , 20, 579-88	6
1502	Biochemical pathways of caspase activation during apoptosis. 1999 , 15, 269-90	2133
1501	The Molecular Basis of Canine Melanoma: Pathogenesis and Trends in Diagnosis and Therapy. 1999 , 13, 163-174	59
1500	Fas ligand-induced apoptosis. 1999 , 33, 29-55	633
1499	The Molecular and Cellular Basis of Radiosensitivity: Implications for Understanding How Normal Tissues and Tumors Respond to Therapeutic Radiation. 1999 , 17, 56-72	84
1498	Plasma levels of soluble Fas during treatment of chronic hepatitis C patients with interferon alpha. 1999 , 31, 575	
1497	Activation of Kupffer cells and caspase-3 involved in rat hepatocyte apoptosis induced by endotoxin. 1999 , 30, 807-18	72
1496	Lethal hepatic apoptosis mediated by tumor necrosis factor receptor, unlike Fas-mediated apoptosis, requires hepatocyte sensitization in mice. 1999 , 31, 997-1005	47
1495	Withdrawal of life support, altruistic suicide, fratricidal killing and euthanasia by lymphocytes: different forms of drug-induced hepatic apoptosis. 1999 , 31, 760-70	39
1494	Alterations of Fas (Apo-1/CD95) gene in non-small cell lung cancer. 1999 , 18, 3754-60	237
1493	Selective depletion of a thymocyte subset in vitro with an immunomodulatory photosensitizer. 1999 , 91, 178-87	20
1492	Aberrant wound healing and TGF-beta production in the autoimmune-prone MRL/+ mouse. 1999 , 92, 300-10	66
1491	Pancreatic cancer cells can evade immune surveillance via nonfunctional Fas (APO-1/CD95) receptors and aberrant expression of functional Fas ligand. 1999 , 125, 73-84	90

1490	T-cell growth factors in allograft rejection and tolerance. 1999 , 31, 342-3		9
1489	On costimulatory signals and T cell tolerance: relevance for transplantation immunity. 1999 , 31, 255-315		7
1488	Apoptosis of mouse liver nuclei induced in the cytosol of carrot cells. 1999 , 448, 197-200		35
1487	Caspase-3 is necessary and sufficient for cleavage of protein synthesis eukaryotic initiation factor 4G during apoptosis. 1999 , 451, 332-6		65
1486	Regulation of Fas antibody induced neutrophil apoptosis is both caspase and mitochondrial dependent. 1999 , 453, 67-71		79
1485	Calorie restriction increases Fas/Fas-ligand expression and apoptosis in murine splenic lymphocytes. 1999 , 458, 231-5		14
1484	Cytochrome c release and caspase activation during menadione-induced apoptosis in plants. 1999 , 462, 317-21		138
1483	Quercetin and anti-CD95(Fas/Apo1) enhance apoptosis in HPB-ALL cell line. 1999 , 462, 322-8		75
1482	Akt promotes cell survival by phosphorylating and inhibiting a Forkhead transcription factor. <i>Cell</i> , 1999 , 96, 857-68	56.2	5339
1481	Solution structure of the CIDE-N domain of CIDE-B and a model for CIDE-N/CIDE-N interactions in the DNA fragmentation pathway of apoptosis. <i>Cell</i> , 1999 , 99, 747-55	56.2	88
1480	Biological aspects of reactive nitrogen species. 1999 , 1411, 385-400		350
1479	Interleukin 1beta protects mice from Fas-mediated hepatocyte apoptosis and death. 1999 , 117, 661-8		25
1478	Hepatocyte apoptosis after bile duct ligation in the mouse involves Fas. 1999 , 117, 669-77		265
1477	The induction of apoptosis by bacterial pathogens. 1999 , 53, 155-87		328
1476	Addiction modules and programmed cell death and antideath in bacterial cultures. 1999 , 53, 43-70		316
1475	PGE 2 and dibutyryl cyclic adenosine monophosphate prolong eosinophil survival in vitro. 1999 , 104, 153-62		58
1474	Recent developments in gene therapy: applications for the treatment of pituitary tumours. 1999 , 13, 431-49		1
1473	Implication of calpain in caspase activation during B cell clonal deletion. 1999 , 18, 4988-98		139

1472	The zinc finger protein NRIF interacts with the neurotrophin receptor p75(NTR) and participates in programmed cell death. 1999 , 18, 6050-61	138
1471	Resveratrol suppresses cell transformation and induces apoptosis through a p53-dependent pathway. 1999 , 20, 237-42	255
1470	Hydrogen peroxide-induced apoptosis in HL-60 cells requires caspase-3 activation. 1999 , 30, 73-83	132
1469	Apoptosis: definition, mechanisms, and relevance to disease. 1999 , 107, 489-506	248
1468	CD95 ligand (CD95L) in normal human lymphoid tissues: a subset of plasma cells are prominent producers of CD95L. 1999 , 154, 193-201	34
1467	Alterations of Fas (Apo-1/CD95) gene in cutaneous malignant melanoma. 1999 , 154, 1785-91	127
1466	Safety and antitumor activity of recombinant soluble Apo2 ligand. 1999 , 104, 155-62	1732
1465	The central effectors of cell death in the immune system. 1999 , 17, 781-828	333
1464	Spermatogenesis and Germ Cell Death. 1999 , 19-39	
1463	Apoptotic features of peripheral blood granulocytes and monocytes during primary, acute HIV infection. 1999 , 247, 304-11	16
1462	Roles of p53 and caspases in the induction of cell cycle arrest and apoptosis by HIV-1 vpr. 1999 , 251, 156-65	68
1461	Murine TRAIL (TNF-related apoptosis inducing ligand) expression induced by T cell activation is blocked by rapamycin, cyclosporin A, and inhibitors of phosphatidylinositol 3-kinase, protein kinase C, and protein tyrosine kinases: evidence for TRAIL induction via the T cell receptor signaling pathway. 1999 , 252, 96-103	16
1460	Glycosylation of ceramide potentiates cellular resistance to tumor necrosis factor-alpha-induced apoptosis. 1999 , 252, 464-70	74
1459	Stimulus-specific and cell type-specific cascades: emerging principles relating to control of apoptosis in the eye. 1999 , 69, 255-66	40
1458	Life-long caloric restriction suppresses age-associated Fas expression in the Fischer 344 rat kidney. 1999 , 1, 82-5	16
1457	Functional regulative pathways for p53, a protein of basic importance for the integrity of the cell genome. 1999 , 67, 93-9	2
1456	Saracin: A lectin from <i>Saraca indica</i> seed integument induces apoptosis in human T-lymphocytes. 1999 , 371, 163-8	25
1455	Kupffer cell-mediated down regulation of rat hepatic CMOAT/MRP2 gene expression. 1999 , 255, 143-9	60

1454	TNFalpha-induced IEC-6 cell apoptosis requires activation of ICE caspases whereas complete inhibition of the caspase cascade leads to necrotic cell death. 1999 , 260, 159-66	62
1453	Fas/Fas ligand system in prolactin-induced apoptosis in rat corpus luteum: possible role of luteal immune cells. 1999 , 260, 167-73	54
1452	The C-terminus of bax is not a membrane addressing/anchoring signal. 1999 , 260, 582-91	42
1451	Identification and characterization of human Fas associated factor 1, hFAF1. 1999 , 262, 388-94	43
1450	Tumor necrosis factor-alpha and interferon-gamma induce expression of functional Fas ligand on HT29 and MCF7 adenocarcinoma cells. 1999 , 264, 813-9	23
1449	Apoptosis in human disease: a new skin for the old ceremony?. 1999 , 266, 699-717	196
1448	Ectopic expression of B7-1 (CD80) on T lymphocytes in autoimmune lpr and gld mice. 1999 , 91, 302-9	6
1447	Apoptosis provoked by the oxidative stress inducer menadione (Vitamin K(3)) is mediated by the Fas/Fas ligand system. 1999 , 93, 65-74	33
1446	Interferon alpha augments activation-induced T cell death by upregulation of Fas (CD95/APO-1) and Fas ligand expression. 1999 , 11, 736-43	68
1445	Regulation of APO-2 ligand/trail expression in NK cells-involvement in NK cell-mediated cytotoxicity. 1999 , 11, 664-72	73
1444	Apoptosis-induced by TRAIL AND TNF-alpha in human multiple myeloma cells is not blocked by BCL-2. 1999 , 11, 1010-9	55
1443	Paracrine-mediated apoptosis in reproductive tract development. 1999 , 208, 110-22	57
1442	Oocyte apoptosis: like sand through an hourglass. 1999 , 213, 1-17	305
1441	The phosphoprotein protein PEA-15 inhibits Fas- but increases TNF-R1-mediated caspase-8 activity and apoptosis. 1999 , 216, 16-28	56
1440	Apoptotic cell death in neurons and glial cells: implications for Alzheimer's disease. 1999 , 79, 1-5	37
1439	The protective effect of cyclosporine A on anti-Fas antibody-induced hepatitis in mice. 1999 , 79, 485-8	5
1438	The potential for monocyte-mediated immunotherapy during infection and malignancy. Part I: apoptosis induction and cytotoxic mechanisms. 1999 , 34, 1-23	16
1437	Recruitment of apoptotic cysteine proteases (caspases) in influenza virus-induced cell death. 1999 , 43, 245-52	56

1436	The 5-lipoxygenase-activating protein (FLAP) inhibitor, MK886, induces apoptosis independently of FLAP. 1999 , 340, 371-375	81
1435	The 5-lipoxygenase-activating protein (FLAP) inhibitor, MK886, induces apoptosis independently of FLAP. 1999 , 340, 371	28
1434	CD95 ligand (Fas-L/APO-1L) and tumor necrosis factor-related apoptosis-inducing ligand mediate ischemia-induced apoptosis in neurons. 1999 , 19, 3809-17	371
1433	LPS-induced signals in activation of caspase-3-like protease, a key enzyme regulating apoptotic cell damage into a macrophage-like cell line, J774.1, in the presence of cycloheximide. 1999 , 66, 689-96	7
1432	TALL-1 is a novel member of the TNF family that is down-regulated by mitogens. 1999 , 65, 680-683	274
1431	Tumor's other immune targets: dendritic cells. 1999 , 66, 336-44	78
1430	Intrastriatal dopamine injection induces apoptosis through oxidation-involved activation of transcription factors AP-1 and NF-kappaB in rats. 1999 , 56, 254-64	116
1429	Signal transduction pathways that regulate the fate of B lymphocytes. 1999 , 73, 79-152	45
1428	Apoptosis and predisposition to oral cancer. 1999 , 10, 139-52	34
1427	Failure of poly(ADP-ribose) polymerase cleavage by caspases leads to induction of necrosis and enhanced apoptosis. 1999 , 19, 5124-33	197
1426	Apoptosis after traumatic human spinal cord injury. 1999 , 6, E9	
1425	Double-stranded RNA-activated protein kinase (PKR) fused to green fluorescent protein induces apoptosis of human embryonic kidney cells: possible role in the Fas signaling pathway. 1999 , 125, 391-8	12
1424	Caspase activation is required for T cell proliferation. 1999 , 190, 1891-6	420
1423	Activation-dependent transcriptional regulation of the human Fas promoter requires NF-kappaB p50-p65 recruitment. 1999 , 19, 2098-108	206
1422	Cif (Cytochrome c efflux-inducing factor) activity is regulated by Bcl-2 and caspases and correlates with the activation of Bid. 1999 , 19, 1381-9	59
1421	Withdrawal of survival factors results in activation of the JNK pathway in neuronal cells leading to Fas ligand induction and cell death. 1999 , 19, 751-63	428
1420	BCL-2 family members and the mitochondria in apoptosis. 1999 , 13, 1899-911	2845
1419	Toxic bile salts induce rodent hepatocyte apoptosis via direct activation of Fas. 1999 , 103, 137-45	425

1418	Cleavage of the death domain kinase RIP by caspase-8 prompts TNF-induced apoptosis. 1999 , 13, 2514-26	636
1417	The P2Z/P2X7 receptor of microglial cells: a novel immunomodulatory receptor. 1999 , 120, 355-68	58
1416	Chronic hepatitis in interferon-gamma transgenic mice is associated with elevated CPP32-like activity and interleukin-1beta-converting enzyme activity suppression. 1999 , 79, 289-94	7
1415	Protooncogenes as mediators of apoptosis. 2000 , 197, 137-202	23
1414	Natural death. 2000 , 46, 105-10	9
1413	Defective T cell fas function in patients with multiple sclerosis. 2000 , 55, 921-7	96
1412	Apoptosis of testicular germ cells induced by exogenous glucocorticoid in rats. 2000 , 15, 1917-20	60
1411	Ceramide-induced cell death in cultured rat retinal pigment epithelial cells. 2000 , 190, 223-9	7
1410	Tumour necrosis factor- β gene expression and production in human umbilical arterial endothelial cells. 2000 , 98, 461-470	7
1409	Tumour necrosis factor- β gene expression and production in human umbilical arterial endothelial cells. 2000 , 98, 461	5
1408	Protective immune responses induced by a non-pathogenic simian/human immunodeficiency virus (SHIV) against a challenge of a pathogenic SHIV in monkeys. 2000 , 44, 363-72	9
1407	Cross-talk between phosphatidylinositol 3-kinase and sphingomyelinase pathways as a mechanism for cell survival/death decisions. 2000 , 275, 9628-35	48
1406	Expression of genes involved in initiation, regulation, and execution of apoptosis in human neutrophils and during neutrophil differentiation of HL-60 cells. 2000 , 67, 712-24	88
1405	Monochloramine enhances Fas (APO-1/CD95)-induced apoptosis in Jurkat T cells. 2000 , 67, 46-52	12
1404	Inflammatory neutrophils retain susceptibility to apoptosis mediated via the Fas death receptor. 2000 , 67, 662-8	53
1403	Induction of apoptosis in glioma cells by recombinant human Fas ligand. 2000 , 46, 431-8; discussion 438-9	17
1402	The Potential Role of Apoptosis in Human Disease. 2000 , 9, 151-163	5
1401	The tumor microenvironment as a determinant of cancer cell survival: a possible mechanism for de novo drug resistance. 2000 , 12, 557-63	77

1400	Apoptosis in rat gastric antrum: evidence that regulation by food intake depends on nitric oxide synthase. 2000 , 48, 123-31	10
1399	Apoptosis and cardiomyopathy. 2000 , 15, 183-8	72
1398	Serum Soluble Fas Levels in Ovarian Cancer. 2000 , 96, 65-69	
1397	Apoptosis and organ transplantation. 2000 , 5, 35-41	6
1396	Alcohol feeding and lipopolysaccharide injection modulate apoptotic effectors in the rat pancreas in vivo. 2000 , 21, 174-80	15
1395	Long-term effects of therapeutic vaccination with rgp 120. 2000 , 14, 203-4	1
1394	Apoptosis: implications for inflammatory bowel disease. 2000 , 6, 191-205	26
1393	Coexpression of FAS and FAS-ligand in chronic pancreatitis: correlation with apoptosis. 2000 , 20, 123-8	22
1392	Apoptosis and the thyroid: the biology and potential implications for thyroid disease. 2000 , 7, 260-264	2
1391	Fas and Fas-ligand expression in human pancreatic cancer. 2000 , 231, 368-79	41
1390	B lymphopenia in uremia is related to an accelerated in vitro apoptosis and dysregulation of Bcl-2. 2000 , 15, 502-10	102
1389	Regulation and execution of apoptosis during Drosophila development. 2000 , 218, 68-79	58
1388	Influence of bcl-2 on cell death during the cultivation of a Chinese hamster ovary cell line expressing a chimeric antibody. 2000 , 68, 31-43	110
1387	Fas ligand is expressed in normal breast epithelial cells and is frequently up-regulated in breast cancer. 2000 , 190, 20-30	56
1386	Role of apoptosis in gastric epithelial turnover. 2000 , 48, 303-11	29
1385	Role of p53 family members in apoptosis. 2000 , 182, 171-81	139
1384	Estrogen-regulated developmental neuronal apoptosis is determined by estrogen receptor subtype and the Fas/Fas ligand system. 2000 , 43, 64-78	107
1383	Regulation of Fas and FasL expression on rat Schwann cells. 2000 , 30, 373-381	28

1382	Murine cytomegalovirus replication in salivary glands is controlled by both perforin and granzymes during acute infection. 2000 , 30, 1350-5	65
1381	Apoptose: die Selbstvernichtung der Zelle als Überlebensschutz. 2000 , 30, 128-135	5
1380	Deletion of Dad1 in mice induces an apoptosis-associated embryonic death. 2000 , 26, 271-278	38
1379	Serum-soluble Fas level determines clinical symptoms and outcome of patients with aggressive non-Hodgkin's lymphoma. 2000 , 64, 257-61	40
1378	Pseudo-Chediak Higashi anomaly in an Indian patient with acute myeloid leukemia (AML-M2). 2000 , 65, 324-5	7
1377	Case of adult T-cell leukemia resulting in spontaneous remission and pancytopenia. 2000 , 65, 325-6	1
1376	Increased levels of soluble tumor necrosis factor receptors in patients with aplastic anemia and myelodysplastic syndrome. 2000 , 65, 326-7	2
1375	Primary cardiac lymphoma with variant Burkitt-type translocation, t(8;22)(q24;q11). 2000 , 65, 327-8	10
1374	Aleukemic leukemia masquerading as renal masses: a rare presentation of adult lymphoblastic leukemia. 2000 , 65, 328-9	12
1373	Pseudohyperphosphatemia associated with Waldenström's macroglobulinemia. 2000 , 65, 329	9
1372	Resolution of refractory idiopathic thrombocytopenic purpura after eradication of Helicobacter pylori. 2000 , 65, 329-30	34
1371	True histiocytic lymphoma of the facial sinuses associated with acute myeloblastic leukemia (FAB-M2). 2000 , 65, 330-1	
1370	Heparin-induced thrombocytopenia without thrombocytopenia in a patient with essential thrombocythemia. 2000 , 65, 331-2	13
1369	Absent or reduced expression of the caspase 8 gene occurs frequently in neuroblastoma, but not commonly in Ewing sarcoma or rhabdomyosarcoma. 2000 , 35, 541-3	33
1368	Early morphologic alterations in trophically deprived neuronal death in vitro occur without alterations in cytoplasmic Ca ²⁺ . 2000 , 424, 377-396	10
1367	Apoptosis, proliferation, and Fas (APO-1, CD95)/Fas ligand expression in medullary carcinoma of the breast. 2000 , 192, 166-73	21
1366	Role of TNF in lymphocyte-mediated cytotoxicity. 2000 , 50, 196-208	44
1365	Cisplatin (CDDP) sensitizes human osteosarcoma cell to Fas/CD95-mediated apoptosis by down-regulating FLIP-L expression. 2000 , 88, 986-91	68

1364	A new apoptotic pathway for the complement factor B-derived fragment Bb. 2000 , 185, 280-92	28
1363	Selective inhibition of inducible nitric oxide synthase reduces progression of experimental osteoarthritis in vivo: possible link with the reduction in chondrocyte apoptosis and caspase 3 level. 2000 , 43, 1290-9	196
1362	Cell death: a trigger of autoimmunity?. 2000 , 22, 627-36	50
1361	Inhibition of Fas-mediated apoptosis by the B cell antigen receptor through c-FLIP. 2000 , 30, 155-63	118
1360	Critical role for mitochondria in B cell receptor-mediated apoptosis. 2000 , 30, 69-77	56
1359	TNF receptor 1 (TNFR1) and CD95 are not required for T cell deletion after virus infection but contribute to peptide-induced deletion under limited conditions. 2000 , 30, 683-8	71
1358	IL-10 induces apoptosis in human monocytes involving the CD95 receptor/ligand pathway. 2000 , 30, 1769-77	54
1357	New structural analogues of Tubulozole induce apoptosis, $[Ca^{2+}]_i$ modifications and cytoskeletal disorganization in glial (GL15) and neuronal-like (PC12) cell lines. 2000 , 333, 373-80	2
1356	N-acetylcysteine increases apoptosis induced by H_2O_2 and mo-antiFas triggering in a 3DO hybridoma cell line. 2000 , 18, 201-8	5
1355	Opening of the mitochondrial permeability transition pore causes matrix expansion and outer membrane rupture in Fas-mediated hepatic apoptosis in mice. 2000 , 31, 674-83	118
1354	Death receptors in cutaneous biology and disease. 2000 , 115, 141-8	119
1353	Inhibition of growth of melanoma cells by CD95 (Fas/APO-1) gene transfer in vivo. 2000 , 115, 1008-14	21
1352	Mechanism of chronic obstructive uropathy: increased expression of apoptosis-promoting molecules. 2000 , 58, 1481-91	59
1351	Nitric oxide mediates cyclosporine-induced apoptosis in cultured renal cells. 2000 , 57, 1549-59	50
1350	Soluble TNF receptors partially protect injured motoneurons in the postnatal CNS. 2000 , 12, 3443-7	32
1349	Decreased expression of Fas (APO-1/CD95) on peripheral blood CD4+ T lymphocytes in cutaneous T-cell lymphomas. 2000 , 143, 1205-10	56
1348	Clinicopathological features of aggressive large granular lymphocyte leukaemia resemble Fas ligand transgenic mice. 2000 , 108, 717-23	26
1347	Apoptosis in factor-dependent haematopoietic cells is linked to calcium-sensitive mitochondrial rearrangements and cytoskeletal modulation. 2000 , 109, 221-34	6

1346	Constitutive expression levels of CD95 and Bcl-2 as well as CD95 function and spontaneous apoptosis in vitro do not predict the response to induction chemotherapy and relapse rate in childhood acute lymphoblastic leukaemia. 2000 , 110, 154-60	35
1345	Contrasting effects of HSP72 expression on apoptosis in human umbilical vein endothelial cells and an angiogenic cell line, ECV304. 2000 , 110, 957-64	11
1344	Cytolytic mechanisms of intraepithelial lymphocytes in coeliac disease (CoD). 2000 , 120, 235-40	39
1343	Clustering of distinct autoimmune diseases associated with functional abnormalities of T cell survival in children. 2000 , 121, 53-8	8
1342	Nuclear factor-kappaB and caspases co-operatively regulate the activation and apoptosis of human macrophages. 2000 , 99, 553-60	36
1341	The ultrastructure of chilling stress. 2000 , 23, 337-350	344
1340	Immature B cells in bone marrow express Fas/FasL. 2000 , 51, 279-84	16
1339	Caspase-3 mediated cleavage of HsRad51 at an unconventional site. 2000 , 267, 5977-82	9
1338	Putative role of hepatitis B virus X protein in hepatocarcinogenesis: effects on apoptosis, DNA repair, mitogen-activated protein kinase and JAK/STAT pathways. 2000 , 15, 357-68	149
1337	Reactive oxygen and mechanisms of inflammatory liver injury. 2000 , 15, 718-24	254
1336	T cell life and death signalling via TNF-receptor family members. 2000 , 12, 316-22	101
1335	Pathophysiological roles of interleukin-18 in inflammatory liver diseases. 2000 , 174, 192-209	162
1334	Receptor-specific regulation of B-cell susceptibility to Fas-mediated apoptosis and a novel Fas apoptosis inhibitory molecule. 2000 , 176, 116-33	34
1333	The importance of gamma delta T cells in the resolution of pathogen-induced inflammatory immune responses. 2000 , 173, 98-108	84
1332	The Haber-Weiss reaction and mechanisms of toxicity. 2000 , 149, 43-50	882
1331	Expression of Fas and Fas ligand after experimental traumatic brain injury in the rat. 2000 , 20, 669-77	104
1330	Epidermal growth factor receptor dimerization monitored in live cells. 2000 , 18, 218-22	85
1329	Steering anti-cancer drugs away from the TRAIL. 2000 , 6, 502-3	50

1328 Breaking point. **2000**, 6, 503

1327 A mathematical model of caspase function in apoptosis. **2000**, 18, 768-74 196

1326 Control of target cell survival in thyroid autoimmunity by T helper cytokines via regulation of apoptotic proteins. **2000**, 1, 483-8 121

1325 Subcellular localization and CARD-dependent oligomerization of the death adaptor RAIDD. **2000**, 7, 155-65 48

1324 Ceramide-induced cell death is independent of the Fas/Fas ligand pathway and is prevented by Nur77 overexpression in A20 B cells. **2000**, 7, 262-71 57

1323 Perturbation of membrane microdomains reduces mitogenic signaling and increases susceptibility to apoptosis after T cell receptor stimulation. **2000**, 7, 413-24 47

1322 Increased expression of the potential proapoptotic molecule DD2 and increased synthesis of leukotriene B4 during allograft rejection in a marine sponge. **2000**, 7, 461-9 27

1321 Translation initiation factor modifications and the regulation of protein synthesis in apoptotic cells. **2000**, 7, 603-15 196

1320 Procaspase 3/p21 complex formation to resist fas-mediated cell death is initiated as a result of the phosphorylation of p21 by protein kinase A. **2000**, 7, 721-8 69

1319 The lack of NF-kappa B transactivation and PKC epsilon expression in CD4(+)CD8(+) thymocytes correlates with negative selection. **2000**, 7, 1253-62 11

1318 Expression of Bcl-2 inhibited Fas-mediated apoptosis in human hepatocellular carcinoma BEL-7404 cells. **2000**, 10, 233-42 26

1317 Inducible resistance to Fas-mediated apoptosis in B cells. **2000**, 10, 245-66 47

1316 Executionary pathway for apoptosis: lessons from mutant mice. **2000**, 10, 267-78 35

1315 Fas ligand gene-carrying adeno-5 AdEasy viruses can be efficiently propagated in apoptosis-sensitive human embryonic retinoblast 911 cells. **2000**, 7, 70-4 5

1314 2-Chloro-2'-deoxyadenosine induces apoptosis through the Fas/Fas ligand pathway in human leukemia cell line MOLT-4. **2000**, 14, 299-306 50

1313 Study of apoptosis-related responses of leukemic blast cells to in vitro anthracycline treatment. **2000**, 14, 1266-75 25

1312 Cell death beyond apoptosis. **2000**, 14, 1502-8 126

1311 Death and decoy receptors and p53-mediated apoptosis. **2000**, 14, 1509-13 153

1310	Role of TRAF2/GCK in melanoma sensitivity to UV-induced apoptosis. 2000 , 19, 933-42	33
1309	Survivin initiates procaspase 3/p21 complex formation as a result of interaction with Cdk4 to resist Fas-mediated cell death. 2000 , 19, 1346-53	206
1308	Wild-type p53 transactivates the KILLER/DR5 gene through an intronic sequence-specific DNA-binding site. 2000 , 19, 1735-43	320
1307	Fas-dependent tissue turnover is implicated in tumor cell clearance. 2000 , 19, 1794-800	14
1306	p38 protects human melanoma cells from UV-induced apoptosis through down-regulation of NF-kappaB activity and Fas expression. 2000 , 19, 3003-12	111
1305	Yeast homolog of human SAG/ROC2/Rbx2/Hrt2 is essential for cell growth, but not for germination: chip profiling implicates its role in cell cycle regulation. 2000 , 19, 2855-66	51
1304	Involvement of p53 and interleukin 3 in the up-regulation of CD95 (APO-1/Fas) by X-ray irradiation. 2000 , 19, 3647-55	12
1303	Survivin initiates cell cycle entry by the competitive interaction with Cdk4/p16(INK4a) and Cdk2/cyclin E complex activation. 2000 , 19, 3225-34	161
1302	SPAK, a STE20/SPS1-related kinase that activates the p38 pathway. 2000 , 19, 4290-7	118
1301	Activation of death-inducing signaling complex (DISC) by pro-apoptotic C-terminal fragment of RIP. 2000 , 19, 4491-9	81
1300	p53 mediates bcl-2 phosphorylation and apoptosis via activation of the Cdc42/JNK1 pathway. 2000 , 19, 5259-69	82
1299	Polyomavirus large T-antigen protects mouse cells from Fas-, TNF-alpha- and taxol-induced apoptosis. 2000 , 19, 6261-70	8
1298	Veratridine induces apoptotic death in bovine chromaffin cells through superoxide production. 2000 , 130, 1496-504	37
1297	Effect of saikosaponin, a triterpene saponin, on apoptosis in lymphocytes: association with c-myc, p53, and bcl-2 mRNA. 2000 , 131, 1285-93	40
1296	CD4+ T cell-mediated cytotoxicity toward thyrocytes: the importance of Fas/Fas ligand interaction inducing apoptosis of thyrocytes and the inhibitory effect of thyroid-stimulating hormone. 2000 , 80, 471-84	19
1295	Vascular apoptosis and involution in gliomas precede neovascularization: a novel concept for glioma growth and angiogenesis. 2000 , 80, 837-49	232
1294	Local immune response in skin of generalized vitiligo patients. Destruction of melanocytes is associated with the prominent presence of CLA+ T cells at the perilesional site. 2000 , 80, 1299-309	195
1293	Expression and function of X chromosome-linked inhibitor of apoptosis protein in Sjögren's syndrome. 2000 , 80, 1421-7	16

1292	Stimulation of erythropoiesis by inhibiting a new hematopoietic death receptor in transgenic zebrafish. 2000 , 2, 549-52	272
1291	La transcription des gènes de Bax et du ligand de Fas contribue à la redistribution de la ribonucléoprotéine Ro60 dans les kératinocytes humains irradiés par UVA. 2000 , 67, 355-361	
1290	Intracellular mediators of programmed cell death initiated at the cell surface receptor Fas. 2000 , 13, S3-S6	4
1289	Ethanol Induces Fas/Apo [Apoptosis]-1 mRNA and Cell Suicide in the Developing Cerebral Cortex. 2000 , 24, 535-543	90
1288	Calcium and Fos Involvement in Brain-Derived Ca ²⁺ -Binding Protein (S100)-Dependent Apoptosis in Rat Pheochromocytoma Cells. 2000 , 85, 243-253	
1287	Roles of endogenous cytokines in liver apoptosis of mice in lethal <i>Listeria monocytogenes</i> infection. 2000 , 28, 335-41	13
1286	Cell signaling by reactive nitrogen and oxygen species in atherosclerosis. 2000 , 28, 1780-94	178
1285	Activity of the caspase-3/CPP32 enzyme is increased in "early stage" myelodysplastic syndromes with excessive apoptosis, but caspase inhibition does not enhance colony formation in vitro. 2000 , 28, 784-91	48
1284	Active killing of neurons during development and following stress: a role for p75(NTR) and Fas?. 2000 , 10, 111-7	92
1283	The caspase-8 inhibitor FLIP promotes activation of NF-kappaB and Erk signaling pathways. 2000 , 10, 640-8	499
1282	Interaction blues: protein interactions monitored in live mammalian cells by beta-galactosidase complementation. 2000 , 10, 119-22	46
1281	Multiple physiological functions for multidrug transporter P-glycoprotein?. 2000 , 25, 1-6	270
1280	To be, or not to be, that is the question. Apoptosis in human trophoblast. 2000 , 21, 1-13	106
1279	Effect of vitamin K2 on osteoblast apoptosis: vitamin K2 inhibits apoptotic cell death of human osteoblasts induced by Fas, proteasome inhibitor, etoposide, and staurosporine. 2000 , 136, 181-93	43
1278	Gonadotropin-releasing hormone analog repairs reduced endometrial cell apoptosis in endometriosis in vitro. 2000 , 182, 1142-6	66
1277	Disturbed expression of the anti-apoptosis gene, survivin, and EPR-1 in hematological malignancies. 2000 , 24, 965-70	39
1276	Qualitative and quantitative characterization of Fas (CD95) expression and its role in primary human acute leukemia cells. 2000 , 24, 437-44	9
1275	Cytokine regulation of apoptotic susceptibility in a human endometrial epithelial cell line. 2000 , 47, 105-19	18

1274	Expression of bcl-2, bax, and caspase-3 in the brain of the developing rat. 2000 , 123, 103-17	71
1273	A rat model for human T lymphocyte virus type I-associated myeloneuropathy. down-regulation of bcl-2 expression and increase in sensitivity to TNF-alpha of the spinal oligodendrocytes. 2000 , 106, 105-13	11
1272	The protective effect of glycyrrhizin on anti-Fas antibody-induced hepatitis in mice. 2000 , 387, 229-32	37
1271	Mechanism of dibucaine-induced apoptosis in promyelocytic leukemia cells (HL-60). 2000 , 60, 905-15	52
1270	Regulation of phosphatidylserine exposure at the cell surface by the serine--base exchange enzyme system during CD95-induced apoptosis. 2000 , 59, 855-63	17
1269	Neuron-specific localisation of the TR3 death receptor in Alzheimer's disease. 2000 , 857, 131-40	22
1268	Inhibition of anti-Fas antibody-induced hepatitis by aminoguanidine in mice. 2000 , 403, 277-80	2
1267	Apoptotic depletion of infiltrating mucosal lymphocytes associated with Fas ligand expression by Helicobacter pylori-infected gastric mucosal epithelium: human glandular stomach as a site of immune privilege. 2000 , 45, 773-80	18
1266	Treatment with the pure antiestrogen faslodex (ICI 182780) induces tumor necrosis factor receptor 1 (TNFR1) expression in MCF-7 breast cancer cells. 2000 , 63, 249-59	20
1265	N-myristoyltransferase. 2000 , 204, 135-55	53
1264	Immunomodulatory Functions Encoded by the E3 Transcription Unit of Adenoviruses. 2000 , 21, 13-25	46
1263	Myxoma Virus Expresses a TNF Receptor Homolog with two Distinct Functions. 2000 , 21, 97-109	17
1262	Relationships between concentrations of tumor necrosis factor-alpha and nitric oxide in follicular fluid and oocyte quality. 2000 , 17, 222-8	78
1261	Regulation of T cell apoptosis. 2000 , 5, 459-71	23
1260	Regulation of apoptosis in mast cells. 2000 , 5, 435-41	26
1259	The HCV core protein acts as a positive regulator of fas-mediated apoptosis in a human lymphoblastoid T cell line. 2000 , 276, 127-37	103
1258	Differential regulation of CD40-mediated human B cell responses by antibodies directed against different CD40 epitopes. 2000 , 201, 109-23	11
1257	Divergent roles for p55 and p75 tumor necrosis factor receptors in the pathogenesis of MOG(35-55)-induced experimental autoimmune encephalomyelitis. 2000 , 205, 24-33	125

1256	Role of nonspecific cytotoxic cells in the induction of programmed cell death of pathogenic protozoans: participation of the Fas ligand-Fas receptor system. 2000 , 96, 75-88	36
1255	A comparison of apoptosis and necrosis induced by hepatotoxins in HepG2 cells. 2000 , 164, 280-90	44
1254	2,2',4,6,6'-pentachlorobiphenyl induces apoptosis in human monocytic cells. 2000 , 169, 1-7	42
1253	Poliovirus protease 3C(pro) kills cells by apoptosis. 2000 , 266, 352-60	105
1252	The immunohistochemical localization of Fas and Fas ligand in jaw bone and tooth germ of human fetuses. 2000 , 66, 330-7	38
1251	Somatic mutations of Fas (Apo-1/CD95) gene in cutaneous squamous cell carcinoma arising from a burn scar. 2000 , 114, 122-6	69
1250	Survivin promotes cell proliferation in human hepatocellular carcinoma. 2000 , 31, 1080-5	290
1249	Chemotherapeutic agents augment TRAIL-induced apoptosis in human hepatocellular carcinoma cell lines. 2000 , 32, 482-90	189
1248	Hepatocyte growth factor promotes cell survival from fas-mediated cell death in hepatocellular carcinoma cells via Akt activation and Fas-death-inducing signaling complex suppression. 2000 , 32, 796-802	100
1247	Tumor necrosis factor alpha prevents tumor necrosis factor receptor-mediated mouse hepatocyte apoptosis, but not fas-mediated apoptosis: role of nuclear factor-kappaB. 2000 , 32, 1272-9	57
1246	Calendar. 2000 , 82, 1474-1479	4
1245	Intracellular Fas ligand in normal and malignant breast epithelium does not induce apoptosis in Fas-sensitive cells. 2000 , 83, 1715-21	15
1244	CD95 (APO-1/Fas) linkage to the actin cytoskeleton through ezrin in human T lymphocytes: a novel regulatory mechanism of the CD95 apoptotic pathway. 2000 , 19, 5123-34	191
1243	The N-terminal 34 kDa fragment of Helicobacter pylori vacuolating cytotoxin targets mitochondria and induces cytochrome c release. 2000 , 19, 6361-70	261
1242	Targeted expression of baculovirus p35 caspase inhibitor in oligodendrocytes protects mice against autoimmune-mediated demyelination. 2000 , 19, 341-8	86
1241	Apoptosis and autoimmunity: complement deficiency and systemic lupus erythematosus revisited. 2000 , 2, 32-8	20
1240	Treatment of Cells with Detergent Activates Caspases and Induces Apoptotic Cell Death. 2000 , 175, 181-189	27
1239	Treatment of cells with detergent activates caspases and induces apoptotic cell death. 2000 , 175, 181-9	13

1238	Intracellular mediators of programmed cell death initiated at the cell surface receptor Fas. 2000 , 13 Suppl 1, S3-6	6
1237	Complete molecular scanning of the human Fas gene: mutational analysis and linkage studies in families with type I diabetes mellitus. The Danish Study Group of Diabetes in Childhood and The Danish IDDM Epidemiology and Genetics Group. 2000 , 43, 800-8	17
1236	Overexpression of bcl-2 in transient abnormal myelopoiesis associated with Down syndrome. 2000 , 79, 319-21	8
1235	Fas regulates liver regeneration. 2000 , 35, 73-4	1
1234	Fetoprotein-induced apoptosis of cancer cells. 2000 , 130, 1127-1133	1
1233	Isolation and characterization of a human apoptosis-inducing gene with yeast two-hybrid system. 2000 , 43, 310-20	10
1232	Specific degradation of keratin in <i>Xenopus laevis</i> egg extracts undergoing apoptosis. 2000 , 45, 1977-1981	3
1231	Establishment of a high-throughput screening system for caspase-3 inhibitors. 2000 , 23, 246-51	5
1230	Signal transduction events elicited by natural products: role of MAPK and caspase pathways in homeostatic response and induction of apoptosis. 2000 , 23, 1-16	212
1229	Prognostic significance of Fas and Fas ligand system-associated apoptosis in gastric cancer. 2000 , 7, 750-7	32
1228	Caspase activities and tumor necrosis factor receptor R1 (p55) level are elevated in the substantia nigra from parkinsonian brain. 2000 , 107, 335-41	219
1227	Induzierte Apoptose als Therapiekonzept in der Onkologie. 2000 , 6, 438-442	
1226	The molecular basis of glucocorticoid-induced apoptosis of lymphoblastic leukemia cells. 2000 , 114, 1-7	92
1225	Expression of the apoptosis-inducing ligands FasL and TRAIL in malignant and benign human breast tumors. 2000 , 113, 189-94	51
1224	Developmental motoneuron cell death and neurotrophic factors. 2000 , 301, 71-84	119
1223	Deficiency of the Fas apoptosis pathway without Fas gene mutations is a familial trait predisposing to development of autoimmune diseases and cancer. 2000 , 95, 3176-3182	87
1222	Interferon gamma delays apoptosis of mature erythroid progenitor cells in the absence of erythropoietin. 2000 , 95, 3742-3749	28
1221	CD40 activation does not protect chronic lymphocytic leukemia B cells from apoptosis induced by cytotoxic T lymphocytes. 2000 , 95, 3853-3858	26

1220	The CXC-chemokine platelet factor 4 promotes monocyte survival and induces monocyte differentiation into macrophages. 2000 , 95, 1158-1166	220
1219	Actin cytoskeletal function is spared, but apoptosis is increased, in WAS patient hematopoietic cells. 2000 , 95, 1283-1292	77
1218	Mechanisms of HIV-associated lymphocyte apoptosis. 2000 , 96, 2951-2964	229
1217	NF-kappaB determines between apoptosis and proliferation in hepatocytes during liver regeneration. 2000 , 278, G173-83	76
1216	Selective apoptosis within the rat subependymal zone: a plausible mechanism for determining which lineages develop from neural stem cells. 2000 , 22, 106-15	45
1215	Increased thymic B cells but maintenance of thymic structure, T cell differentiation and negative selection in lymphotoxin-alpha and TNF gene-targeted mice. 2000 , 8, 61-74	15
1214	"Galectin-1 induces central and peripheral cell death: implications in T-cell physiopathology". 2000 , 7, 117-29	20
1213	Fas and Fas ligand in gut and liver. 2000 , 278, G354-66	100
1212	Lipopolysaccharide and D-galactosamine-induced hepatic injury is mediated by TNF-alpha and not by Fas ligand. 2000 , 278, R1196-201	90
1211	Rifampicin Suppresses Hepatic CYP2E1 Expression and Minimizes DNA Injury Caused by Carbon Tetrachloride in Perivenular Hepatocytes of Mice. 2000 , 24, 87S-92S	10
1210	Proteolytic cleavage of phospholipase C-gamma1 during apoptosis in Molt-4 cells. 2000 , 14, 1083-92	72
1209	Fas receptor and neuronal cell death after spinal cord ischemia. 2000 , 20, 6879-87	117
1208	Fas ligand expression coincides with alveolar cell apoptosis in late-gestation fetal lung development. 2000 , 279, L967-76	22
1207	Anticancer Drug Action on Poly(A) Polymerase Activity and Isoforms during Hela and Wish Cell Apoptosis. 2000 , 15, 171-178	7
1206	Negative feedback regulation of activated macrophages via Fas-mediated apoptosis. 2000 , 279, C504-9	18
1205	The role of FAS-mediated apoptosis in chronic myelogenous leukemia. 2000 , 37, 283-97	9
1204	Determinants of the nuclear localization of the heterodimeric DNA fragmentation factor (ICAD/CAD). 2000 , 150, 321-34	75
1203	Calcium and Fos involvement in brain-derived Ca2+-binding protein (S100)-dependent apoptosis in rat pheochromocytoma cells. 2000 , 85, 243-253	11

1202	Novel concepts of tumor necrosis factor action in autoimmune pathology. 2000 , 2, 50-82	1
1201	The acid sphingomyelinase inhibitor SR33557 counteracts TNF-alpha-mediated potentiation of IL-1beta-induced NF-kappaB activation in the insulin-producing cell line Rinm5F. 2000 , 32, 241-54	14
1200	IFN-gamma-induced change in microtubule organization and alpha-tubulin expression during growth inhibition of lung squamous carcinoma cells. 2000 , 20, 983-90	8
1199	Caspase activation and cytochrome c release during HL-60 cell apoptosis induced by a nitric oxide donor. 2000 , 32, 507-14	61
1198	Cellular changes and apoptosis in the spleens and peripheral blood of mice infected with blood-stage Plasmodium chabaudi chabaudi AS. 2000 , 68, 1485-90	100
1197	IFN-gamma-dependent delay of in vivo tumor progression by Fas overexpression on murine renal cancer cells. 2000 , 164, 231-9	63
1196	The mitochondrial permeability transition augments Fas-induced apoptosis in mouse hepatocytes. 2000 , 275, 11814-23	121
1195	Adaptive responses and apoptosis in endothelial cells exposed to carbon monoxide. 2000 , 97, 1305-10	155
1194	A novel activation mechanism of caspase-activated DNase from Drosophila melanogaster. 2000 , 275, 12978-86	48
1193	TNF-alpha is the critical mediator of the cyclic AMP-induced apoptosis of CD8+4+ double-positive thymocytes. 2000 , 164, 1689-94	24
1192	Transgenic expression of Fas ligand on thyroid follicular cells prevents autoimmune thyroiditis. 2000 , 164, 1681-8	41
1191	STAT1 affects lymphocyte survival and proliferation partially independent of its role downstream of IFN-gamma. 2000 , 164, 1286-92	122
1190	Cytotoxic T cells specifically induce Fas on target cells, thereby facilitating exocytosis-independent induction of apoptosis. 2000 , 165, 3663-72	38
1189	Chlamydia pneumoniae inhibits apoptosis in human peripheral blood mononuclear cells through induction of IL-10. 2000 , 164, 5522-9	116
1188	Engagement of CD153 (CD30 ligand) by CD30+ T cells inhibits class switch DNA recombination and antibody production in human IgD+ IgM+ B cells. 2000 , 165, 786-94	81
1187	Differential localization and regulation of death and decoy receptors for TNF-related apoptosis-inducing ligand (TRAIL) in human melanoma cells. 2000 , 164, 3961-70	181
1186	Apoptosis in Cardiac Biology. 2000 ,	1
1185	Differential role of Fas/Fas ligand interactions in cytolysis of primary and metastatic colon carcinoma cell lines by human antigen-specific CD8+ CTL. 2000 , 164, 4941-54	37

1184	Death effector domain protein PEA-15 potentiates Ras activation of extracellular signal receptor-activated kinase by an adhesion-independent mechanism. 2000 , 11, 2863-72	62
1183	Free Radicals and Inflammation. 2000 ,	9
1182	Tumor immunity in perforin-deficient mice: a role for CD95 (Fas/APO-1). 2000 , 164, 3229-35	51
1181	Expression of survivin and Bcl-2 in the normal human endometrium. 2000 , 6, 529-34	114
1180	Responsiveness of mouse corpora luteal cells to Fas antigen (CD95)-mediated apoptosis. 2000 , 63, 49-56	41
1179	BAR: An apoptosis regulator at the intersection of caspases and Bcl-2 family proteins. 2000 , 97, 2597-602	155
1178	Immunosuppressant FTY720 induces apoptosis by direct induction of permeability transition and release of cytochrome c from mitochondria. 2000 , 165, 3250-9	76
1177	Rapid dephosphorylation of H1 histones after apoptosis induction. 2000 , 275, 30478-86	46
1176	Mechanisms associated with thymocyte apoptosis induced by simian immunodeficiency virus. 2000 , 165, 3461-8	36
1175	Cleavage preferences of the apoptotic endonuclease DFF40 (caspase-activated DNase or nuclease) on naked DNA and chromatin substrates. 2000 , 275, 8226-32	133
1174	Induction of apoptosis in human leukemia cells by 3-deazaadenosine is mediated by caspase-3-like activity. 2000 , 32, 197-203	14
1173	Activation of NF-kappaB by FADD, Casper, and caspase-8. 2000 , 275, 10838-44	233
1172	Vascular endothelial cells and smooth muscle cells differ in expression of Fas and Fas ligand and in sensitivity to Fas ligand-induced cell death: implications for vascular disease and therapy. 2000 , 20, 309-16	105
1171	A novel telomerase-specific gene therapy: gene transfer of caspase-8 utilizing the human telomerase catalytic subunit gene promoter. 2000 , 11, 1397-406	104
1170	Induction of necrotic-like cell death by tumor necrosis factor alpha and caspase inhibitors: novel mechanism for killing virus-infected cells. 2000 , 74, 7470-7	107
1169	Apoptosis-new clues to the pathogenesis of Sjögren's syndrome?. 2000 , 39, 119-21	23
1168	Expression and function of Fas antigen vary in bovine granulosa and theca cells during ovarian follicular development and atresia. 2000 , 62, 62-6	56
1167	Study of apoptotic DNA fragmentation in human spermatozoa. 2000 , 15, 830-9	201

1166	Apoptotic signaling through the beta -adrenergic receptor. A new Gs effector pathway. 2000 , 275, 20726-33	82
1165	Apoptosis and surgical trauma: dysregulated expression of death and survival factors on peripheral lymphocytes. 2000 , 135, 1141-7	52
1164	Midkine rescues Wilms' tumor cells from cisplatin-induced apoptosis: regulation of Bcl-2 expression by Midkine. 2000 , 127, 269-77	79
1163	Mammalian follicular development and atresia: role of apoptosis. 2000 , 9, 87-95	63
1162	GnRH receptor and apoptotic signaling. 2000 , 59, 1-33	42
1161	Purification and use of granzyme B. 2000 , 322, 125-43	13
1160	Carvedilol prevents epinephrine-induced apoptosis in human coronary artery endothelial cells: modulation of Fas/Fas ligand and caspase-3 pathway. 2000 , 45, 788-94	53
1159	Prognostic significance of apoptosis in synovial sarcoma: correlation with clinicopathologic parameters, cell proliferative activity, and expression of apoptosis-related proteins. 2000 , 13, 755-65	40
1158	Tumor-selektive Apoptose-Induktion durch TRAIL: Ein neuer therapeutischer Weg in der Onkologie? - Induction of Tumor-selective Apoptosis by TRAIL: A New Road for Oncology? -. 2000 , 31, 347-352	
1157	p38 mitogen-activated protein kinase mediates tumor necrosis factor-alpha-induced apoptosis in rat fetal brown adipocytes. 2000 , 141, 4383-95	56
1156	Apoptosis : molecular regulation of cell death and hematologic malignancies. 2001 , 55, 323-38	
1155	Nitric Oxide and the Cardiovascular System. 2000 ,	0
1154	Modulation of innate and acquired immune responses by Escherichia coli heat-labile toxin: distinct pro- and anti-inflammatory effects of the nontoxic AB complex and the enzyme activity. 2000 , 165, 5750-9	90
1153	Combined effect of tumor necrosis factor-related apoptosis-inducing ligand and ionizing radiation in breast cancer therapy. 2000 , 97, 1754-9	456
1152	Programmed cell death in the developing heart. 2000 , 45, 603-20	56
1151	p53 induces apoptosis by caspase activation through mitochondrial cytochrome c release. 2000 , 275, 7337-42	427
1150	A novel murine anti-human Fas mAb which mitigates lymphadenopathy without hepatotoxicity. 2000 , 12, 555-62	50
1149	Specific chaperone-like activity of inhibitor of caspase-activated DNase for caspase-activated DNase. 2000 , 275, 8091-6	47

1148	Unexpected autoantibody production in membrane Ig-mu-deficient/lpr mice. 2000 , 165, 4353-8	36
1147	Akt regulates cell survival and apoptosis at a postmitochondrial level. 2000 , 151, 483-94	384
1146	Free cholesterol loading of macrophages induces apoptosis involving the fas pathway. 2000 , 275, 23807-13	143
1145	Induction of apoptotic cell death in peripheral blood mononuclear and polymorphonuclear cells by an oral bacterium, <i>Fusobacterium nucleatum</i> . 2000 , 68, 1893-8	78
1144	The NF-kappa B signaling pathway is not required for Fas ligand gene induction but mediates protection from activation-induced cell death. 2000 , 275, 25222-30	42
1143	Inhibition of Daxx-mediated apoptosis by heat shock protein 27. 2000 , 20, 7602-12	363
1142	Proteases for cell suicide: functions and regulation of caspases. 2000 , 64, 821-46	491
1141	Activation of MST/Krs and c-Jun N-terminal kinases by different signaling pathways during cytotrienin A-induced apoptosis. 2000 , 275, 8766-71	34
1140	Predictors of disease course in patients with acute myocarditis. 2000 , 102, 2829-35	76
1139	Expression and activity of the Fas antigen in bovine ovarian follicle cells. 2000 , 62, 54-61	54
1138	Structure, expression, and function of the <i>Xenopus laevis</i> caspase family. 2000 , 275, 10484-91	65
1137	Morphological and molecular characterization of adult cardiomyocyte apoptosis during hypoxia and reoxygenation. 2000 , 87, 118-25	284
1136	Distinct roles of two intracellular phospholipase A2s in fatty acid release in the cell death pathway. Proteolytic fragment of type IVA cytosolic phospholipase A2alpha inhibits stimulus-induced arachidonate release, whereas that of type VI Ca2+-independent phospholipase A2 augments spontaneous fatty acid release. 2000 , 275, 18248-58	136
1135	Oncogenic K-Ras and basic fibroblast growth factor prevent Fas-mediated apoptosis in fibroblasts through activation of mitogen-activated protein kinase. 2000 , 148, 557-66	47
1134	Regulation of fas ligand expression during activation-induced cell death in T cells by p38 mitogen-activated protein kinase and c-Jun NH2-terminal kinase. 2000 , 191, 1017-30	72
1133	Markers of apoptosis in cardiovascular tissues: focus on Annexin V. 2000 , 45, 549-59	118
1132	Fas-deficient lpr mice are more susceptible to graft-versus-host disease. 2000 , 164, 469-80	66
1131	B cell maturation protein is a receptor for the tumor necrosis factor family member TALL-1. 2000 , 97, 9156-61	135

1130	NFkappaB mediates apoptosis through transcriptional activation of Fas (CD95) in adenoviral hepatitis. 2000 , 275, 6421-7	127
1129	Involvement of TWEAK in interferon gamma-stimulated monocyte cytotoxicity. 2000 , 192, 1373-80	141
1128	Functional analysis of the pro-apoptotic factor Bax using hammerhead ribozymes. 2000 , 169-70	
1127	Reduced immune activation and T cell apoptosis in human immunodeficiency virus type 2 compared with type 1: correlation of T cell apoptosis with beta2 microglobulin concentration and disease evolution. 2000 , 181, 64-75	65
1126	Involvement of CD95/Apo1/Fas in cell death after myocardial ischemia. 2000 , 102, 915-20	183
1125	Changes in endoplasmic reticulum luminal environment affect cell sensitivity to apoptosis. 2000 , 150, 731-40	246
1124	c-Jun-dependent CD95-L expression is a rate-limiting step in the induction of apoptosis by alkylating agents. 2000 , 20, 575-82	138
1123	Regulation of TNFRSF6 (Fas) expression in ataxia telangiectasia cells by ionizing radiation. 2000 , 154, 616-24	15
1122	A role for P-glycoprotein in regulating cell death. 2000 , 38, 1-11	100
1121	L-929 cells harboring ectopically expressed RelA resist curcumin-induced apoptosis. 2000 , 275, 15601-4	46
1120	FADD is required for DR4- and DR5-mediated apoptosis: lack of trail-induced apoptosis in FADD-deficient mouse embryonic fibroblasts. 2000 , 275, 25065-8	170
1119	dFADD, a novel death domain-containing adapter protein for the Drosophila caspase DREDD. 2000 , 275, 30761-4	103
1118	Execution of apoptosis signal-regulating kinase 1 (ASK1)-induced apoptosis by the mitochondria-dependent caspase activation. 2000 , 275, 26576-81	274
1117	Necrotic death pathway in Fas receptor signaling. 2000 , 151, 1247-56	204
1116	Molecular mechanisms of apoptosis induced by an immunomodulating peptide on human monocytes. 2000 , 379, 353-62	6
1115	The effect of apoptosis inhibitors on experimental autoimmune encephalomyelitis: apoptosis as a regulatory factor. 2000 , 267, 826-30	22
1114	p21(WAF1/CIP1) inhibits initiator caspase cleavage by TRAIL death receptor DR4. 2000 , 269, 179-90	86
1113	Enhanced expression of Silencer of death domains (SODD/BAG-4) in pancreatic cancer. 2000 , 271, 409-13	42

1112	PI3-K/AKT regulation of NF-kappaB signaling events in suppression of TNF-induced apoptosis. 2000 , 271, 342-5	99
1111	Dominant expression of a novel splice variant of caspase-8 in human peripheral blood lymphocytes. 2000 , 272, 877-81	43
1110	Intrathecal administration of neutralizing antibody against Fas ligand suppresses the progression of experimental autoimmune encephalomyelitis. 2000 , 275, 164-8	22
1109	Upregulation of the apoptosis-associated protein Grb3-3 in HIV-1-infected human CD4(+) lymphocytes. 2000 , 276, 362-70	8
1108	Escape from apoptosis after prolonged serum deprivation is associated with the regulation of the mitochondrial death pathway by Bcl-x(l). 2000 , 277, 487-93	18
1107	The serine/threonine kinase HIPK2 interacts with TRADD, but not with CD95 or TNF-R1 in 293T cells. 2000 , 277, 513-7	16
1106	Adenovirus-mediated hepatocyte growth factor gene transfer prevents lethal liver failure in rats. 2000 , 278, 338-43	19
1105	25-Hydroxycholesterol activates a cytochrome c release-mediated caspase cascade. 2000 , 278, 557-63	40
1104	Correlation of loss of CD4 T cells with plasma levels of both soluble form Fas (CD95) Fas ligand (FasL) in HIV-infected infants. 2000 , 95, 20-5	8
1103	Cleavage of Poly(ADP-ribose) polymerase measured in situ in individual cells: relationship to DNA fragmentation and cell cycle position during apoptosis. 2000 , 255, 125-32	109
1102	Apoptotic DNA fragmentation. 2000 , 256, 12-8	696
1101	Adenovirus-mediated transfer of caspase-3 with Fas ligand induces drastic apoptosis in U-373MG glioma cells. 2000 , 256, 423-33	36
1100	Ubiquitin-dependent protein processing controls radiation-induced apoptosis through the N-end rule pathway. 2000 , 257, 48-57	13
1099	Interferon-gamma induces apoptosis and augments the expression of Fas and Fas ligand by microglia in vitro. 2000 , 162, 290-6	67
1098	DNA damage and activated caspase-3 expression in neurons and astrocytes: evidence for apoptosis in frontotemporal dementia. 2000 , 163, 9-19	82
1097	Structure of the CAD domain of caspase-activated DNase and interaction with the CAD domain of its inhibitor. 2000 , 297, 1121-8	32
1096	Apoptosis is initiated by myocardial ischemia and executed during reperfusion. 2000 , 32, 197-208	233
1095	Apoptosis in rat cardiac myocytes induced by Fas ligand: priming for Fas-mediated apoptosis with doxorubicin. 2000 , 32, 881-9	75

1094	Adaptive responses of the endothelium to stress. 2000 , 89, 85-119	72
1093	Expression of inducible nitric oxide synthase and Fas/Fas ligand correlates with the incidence of apoptotic cell death in atheromatous plaques of human coronary arteries. 2000 , 4, 561-71	35
1092	Proteolytic regulation of apoptosis. 2000 , 11, 191-201	71
1091	Higher levels of organization in the interphase nucleus of cycling and differentiated cells. 2000 , 64, 138-52	60
1090	Apoptosis signaling. 2000 , 69, 217-45	1277
1089	Apoptosis and neurologic disease. 2000 , 108, 317-30	213
1088	Protection from lethal apoptosis in lipopolysaccharide-induced acute lung injury in mice by a caspase inhibitor. 2000 , 157, 597-603	201
1087	Cytochrome c-dependent activation of caspase-3 by tumor necrosis factor requires induction of the mitochondrial permeability transition. 2000 , 156, 2111-21	79
1086	Apoptosis in rheumatic diseases. 2000 , 108, 73-82	51
1085	Inhibition of Fas-mediated apoptosis by Trypanosoma cruzi infection. 2000 , 1475, 175-83	38
1084	The anti-death league: associative control of apoptosis in developing retinal tissue. 2000 , 32, 146-58	27
1083	Hepatitis C virus NS5A protein protects against TNF-alpha mediated apoptotic cell death. 2000 , 67, 173-8	76
1082	Loss of the Fanconi anemia group C protein activity results in an inability to activate caspase-3 after ionizing radiation. 2000 , 82, 51-8	14
1081	Mechanisms underlying hypoxia-induced neuronal apoptosis. 2000 , 62, 215-49	239
1080	Mitomycin C induces apoptosis in a caspases-dependent and Fas/CD95-independent manner in human gastric adenocarcinoma cells. 2000 , 158, 125-32	30
1079	Amplification and expression of a decoy receptor for fas ligand (DcR3) in virus (EBV or HTLV-I) associated lymphomas. 2000 , 160, 89-97	76
1078	Caspase-9 regulates cisplatin-induced apoptosis in human head and neck squamous cell carcinoma cells. 2000 , 148, 65-71	35
1077	Expression of MAT1/PEA-15 mRNA isoforms during physiological and neoplastic changes in the mouse mammary gland. 2000 , 149, 105-13	21

1076	Molecular cloning and characterization of cynomolgus monkey Fas. 2000 , 61, 474-85	11
1075	Modelling in tumour biology part 1: modelling concepts and structures. 2000 , 26, 87-94	5
1074	Circulating levels of soluble Fas ligand and soluble Fas in patients with chronic obstructive pulmonary disease. 2000 , 94, 1215-20	38
1073	Apoptosis. 2000 , 14, 82-86	3
1072	Caspase 8: an efficient method for large-scale autoactivation of recombinant procaspase 8 by matrix adsorption and characterization of the active enzyme. 2000 , 18, 378-87	18
1071	Glucocorticoids and thymocyte development. 2000 , 12, 475-85	45
1070	A selective inhibitor of p38 MAP kinase, SB202190, induced apoptotic cell death of a lipopolysaccharide-treated macrophage-like cell line, J774.1. 2000 , 1502, 207-23	26
1069	TNF- β Signals Apoptosis through a Bid-Dependent Conformational Change in Bax that Is Inhibited by E1B 19K. 2000 , 6, 53-63	168
1068	The distinct roles of TRAF2 and RIP in IKK activation by TNF-R1: TRAF2 recruits IKK to TNF-R1 while RIP mediates IKK activation. 2000 , 12, 419-29	379
1067	FADD/MORT1 and caspase-8 are recruited to TRAIL receptors 1 and 2 and are essential for apoptosis mediated by TRAIL receptor 2. 2000 , 12, 599-609	670
1066	Apo2L/TRAIL-dependent recruitment of endogenous FADD and caspase-8 to death receptors 4 and 5. 2000 , 12, 611-20	830
1065	Requirement for Casper (c-FLIP) in regulation of death receptor-induced apoptosis and embryonic development. 2000 , 12, 633-42	429
1064	The combined functions of proapoptotic Bcl-2 family members bak and bax are essential for normal development of multiple tissues. 2000 , 6, 1389-99	1176
1063	Enhanced apoptosis of squamous cell carcinoma cells by interleukin-2-activated cytotoxic lymphocytes combined with radiation and anticancer drugs. 2000 , 36, 2007-17	24
1062	Chronic depolarization induced by veratridine increases the survival of rat retinal ganglion cells <i>in vitro</i> . 2000 , 18, 773-780	8
1061	Epithelial ingrowth in a corneal graft treated by laser in situ keratomileusis: light and electron microscopy. 2000 , 26, 49-55	19
1060	Inductions of fibroblast-like morphology and high growth activity by low-dose CPT-11 in PC12 cells: role of tenascin. 2000 , 14, 337-43	2
1059	Serum soluble Fas levels in ovarian cancer. 2000 , 96, 65-9	33

1058	Selective vulnerability to radiation in the hippocampal dentate granule cells. 2000 , 53, 503-6; discussion 506-7		55
1057	Insights into programmed cell death through structural biology. <i>Cell</i> , 2000 , 103, 273-82	56.2	265
1056	A novel mechanism of TRAF signaling revealed by structural and functional analyses of the TRADD-TRAF2 interaction. <i>Cell</i> , 2000 , 101, 777-87	56.2	154
1055	Heat induced expression of CD95 and its correlation with the activation of apoptosis upon heat shock in rat histiocytic tumor cells. 2000 , 472, 271-5		11
1054	The RIP-like kinase, RIP3, induces apoptosis and NF-kappaB nuclear translocation and localizes to mitochondria. 2000 , 473, 285-91		95
1053	Tumor necrosis factor-alpha-induced apoptosis in olfactory epithelium in vitro: possible roles of caspase 1 (ICE), caspase 2 (ICH-1), and caspase 3 (CPP32). 2000 , 165, 35-45		46
1052	The TRAIL decoy receptor TRUNDD (DcR2, TRAIL-R4) is induced by adenovirus-p53 overexpression and can delay TRAIL-, p53-, and KILLER/DR5-dependent colon cancer apoptosis. 2000 , 1, 130-44		99
1051	TRAIL-induced apoptosis of thyroid cancer cells: potential for therapeutic intervention. 2000 , 19, 3363-71		51
1050	Resistance to TRAIL-induced apoptosis in primitive neuroectodermal brain tumor cells correlates with a loss of caspase-8 expression. 2000 , 19, 4604-10		157
1049	Measurement of soluble Fas antigen and ligand in circulating serum and intra-abdominal or cerebrospinal fluid during gastrointestinal or cerebrovascular surgery. 2000 , 15, 119-25		
1048	[Apoptosis: to be or not to be, that is the question]. 2000 , 114, 144-56		1
1047	Apoptosis and Its Modulation by Drugs. 2000 ,		1
1046	Role of Nitric Oxide in Airway Inflammation. 2000 , 151-164		
1045	Review of current evidence for apoptosis after spinal cord injury. 2000 , 17, 915-25		408
1044	Activation of PKC-II is required for vitamin e-succinate-induced apoptosis of U937 cells. 2000 , 4, 279-285		3
1043	Factors controlling ovarian apoptosis. 2000 , 78, 1003-1012		34
1042	Cell death and cell-cycle arrest induced by incorporation of [3H]thymidine into human haemopoietic cell lines. 2000 , 76, 295-303		23
1041	Apoptosis of human gastric epithelial cells via caspase-3 activation in response to Helicobacter pylori infection: possible involvement of neutrophils through tumor necrosis factor alpha and soluble Fas ligands. 2000 , 35, 40-8		47

1040	Analysis of apoptotic cells by flow and laser scanning cytometry. 2000 , 322, 18-39	58
1039	FIST/HIPK3: a Fas/FADD-interacting serine/threonine kinase that induces FADD phosphorylation and inhibits fas-mediated Jun NH(2)-terminal kinase activation. 2000 , 192, 1165-74	92
1038	A unique zinc-binding site revealed by a high-resolution X-ray structure of homotrimeric Apo2L/TRAIL. 2000 , 39, 633-40	233
1037	Thyroid cell apoptosis. A new understanding of thyroid autoimmunity. 2000 , 29, 375-88, viii	24
1036	Apoptose et Chlamydia. 2000 , 11, 95-109	
1035	De los mecanismos de tolerancia a la autoinmunidad. 2000 , 8, 1331-1341	
1034	Apoptose et sida: M�canismes impliqu�s dans la destruction du syst�me immunitaire et influence des th�rapies antir�trovirales. 2000 , 11, 49-61	
1033	Mechanisms of autoimmune liver disease. 2000 , 4, 431-45, vii	9
1032	The fas antigen is involved in thymic T-cell development as a costimulatory molecule, but not in the deletion of neglected thymocytes. 2000 , 106, S19-31	10
1031	Activation of apoptosis pathways by anticancer treatment. 2000 , 112-113, 41-8	91
1030	Endothelin-1 as a protective factor against beta-adrenergic agonist-induced apoptosis in cardiac myocytes. 2000 , 36, 1411-8	47
1029	Apoptosis in neural development and disease. 2000 , 23, 73-87	266
1028	Viral subversion of the immune system. 2000 , 18, 861-926	693
1027	Strategies for immunotherapy of cancer. 2000 , 75, 235-82	118
1026	Apoptosis-programmed cell death and its relevance to gastrointestinal epithelium: survival signal from the matrix. 2001 , 120, 294-9	31
1025	NF-kappaB stimulates inducible nitric oxide synthase to protect mouse hepatocytes from TNF-alpha- and Fas-mediated apoptosis. 2001 , 120, 1251-62	134
1024	The role of caspase-8 in resistance to cancer chemotherapy. 2001 , 4, 293-6	49
1023	Low-dose ultraviolet B radiation synergizes with TNF-alpha to induce apoptosis of keratinocytes. 2001 , 26, 209-16	13

1022	Immunomodulation of autoimmune and inflammatory diseases with intravenous immune globulin. 2001 , 345, 747-55	989
1021	Interleukin-18 regulates both Th1 and Th2 responses. 2001 , 19, 423-74	1020
1020	Kupffer cells of cirrhotic rat livers sensitize colon cancer cells to Fas-mediated apoptosis. 2001 , 84, 1265-71	25
1019	Apoptosis in gastric epithelium induced by helicobacter pylori infection: implications in gastric carcinogenesis. 2001 , 96, 16-26	135
1018	The biology of natural killer cells and implications for therapy of human disease. 2001 , 10, 451-63	27
1017	Apoptosis in diseases of the liver. 2001 , 38, 109-66	93
1016	Apoptosis in gastric epithelium induced by Helicobacter pylori infection: implications in gastric carcinogenesis. 2001 , 96, 16-26	184
1015	Pathology of "toxic oils" and selected metals in the MRL/lpr mouse. 2001 , 29, 630-8	3
1014	Pathways of apoptosis and the modulation of cell death in cancer. 2001 , 15, 931-56, ix	16
1013	Involvement of mitochondria in apoptosis. 2001 , 19, 45-55	32
1012	Inhibition of TRAIL-induced apoptosis and forced internalization of TRAIL receptor 1 by adenovirus proteins. 2001 , 75, 8875-87	96
1011	Overexpression of BCL2 blocks TNF-related apoptosis-inducing ligand (TRAIL)-induced apoptosis in human lung cancer cells. 2001 , 280, 788-97	116
1010	Streptococcus mutans lipoteichoic acid-induced apoptosis in cultured dental pulp cells from human deciduous teeth. 2001 , 281, 957-61	26
1009	Application of the fluorescence resonance energy transfer method for studying the dynamics of caspase-3 activation during UV-induced apoptosis in living HeLa cells. 2001 , 283, 1054-60	141
1008	TNFalpha induces and insulin inhibits caspase 3-dependent adipocyte apoptosis. 2001 , 284, 1176-83	53
1007	Apoptosis induction by epigallocatechin gallate involves its binding to Fas. 2001 , 285, 1102-6	109
1006	Direct observation of release of cytochrome c from lipid-encapsulated protein by peroxide and superoxide: a possible mechanism for drug-induced apoptosis. 2001 , 286, 311-4	4
1005	Heat shock proteins: endogenous modulators of apoptotic cell death. 2001 , 286, 433-42	620

1004	Apoptosis induced by human Fas-associated factor 1, hFAF1, requires its ubiquitin homologous domain, but not the Fas-binding domain. 2001 , 286, 1027-32	40
1003	Pseudin-2: an antimicrobial peptide with low hemolytic activity from the skin of the paradoxical frog. 2001 , 288, 1001-5	41
1002	Involvement of TRAIL/TRAIL-R interaction in IFN-alpha-induced apoptosis of Daudi B lymphoma cells. 2001 , 14, 193-201	44
1001	Fertilization blocks apoptosis of starfish eggs by inactivation of the MAP kinase pathway. 2001 , 237, 18-28	41
1000	p53-independent upregulation of KILLER/DR5 TRAIL receptor expression by glucocorticoids and interferon-gamma. 2001 , 262, 154-69	124
999	Caspase-dependent cytosolic release of cytochrome c and membrane translocation of Bax in p53-induced apoptosis. 2001 , 265, 145-51	91
998	Block of a mitochondrial-mediated apoptotic pathway in Tax-expressing murine fibroblasts. 2001 , 269, 245-55	23
997	Attenuation of staurosporine-induced apoptosis, oxidative stress, and mitochondrial dysfunction by synthetic superoxide dismutase and catalase mimetics, in cultured cortical neurons. 2001 , 171, 84-97	72
996	Pericardial fluid from patients with ischemic heart disease induces myocardial cell apoptosis via an oxidant stress-sensitive p38 mitogen-activated protein kinase pathway. 2001 , 33, 419-30	14
995	Overexpression of tumor necrosis factor- alpha activates both anti- and pro-apoptotic pathways in the myocardium. 2001 , 33, 1331-44	104
994	Apoptosis and Fas-ligand expression correlate to the histopathological grade of gastric smooth muscle tumors. 2001 , 95, 92-8	3
993	Nitric oxide and cyclic guanosine monophosphate stimulate apoptosis via activation of the Fas-FasL pathway. 2001 , 101, 183-9	31
992	Caspase activity is involved in, but is dispensable for, early motoneuron death in the chick embryo cervical spinal cord. 2001 , 18, 168-82	40
991	Dynamic process of apoptosis in adult rat cardiomyocytes analyzed using 48-hour videomicroscopy and electron microscopy: beating and rate are associated with the apoptotic process. 2001 , 159, 683-91	27
990	Inverse relation of Fas-ligand and tumor-infiltrating lymphocytes in angiosarcoma: indications of apoptotic tumor counterattack. 2001 , 159, 963-70	26
989	Identification of Fas-L-expressing apoptotic T lymphocytes in normal human peripheral blood : in vivo suicide. 2001 , 158, 387-91	8
988	Relocalization of apoptosis-inducing factor in photoreceptor apoptosis induced by retinal detachment in vivo. 2001 , 158, 1271-8	144
987	Defective apoptosis in lymphocytes and the role of IL-2 in autoimmune hematologic cytopenias. 2001 , 99, 266-75	21

986	Apoptosis-inducing protein, AIP, from parasite-infected fish induces apoptosis in mammalian cells by two different molecular mechanisms. 2001 , 8, 298-307	53
985	Expression of Fas and Fas-related molecules in human hepatocellular carcinoma. 2001 , 32, 250-6	95
984	The biology of apoptosis. 2001 , 32, 1029-38	71
983	The inhibitor of apoptosis protein survivin is associated with high-risk behavior of neuroblastoma. 2001 , 36, 1785-91	74
982	Anergy and acquired immune deficiency syndrome. 2001 , 56, 250-5	1
981	TCR stimulation protects CD8+ T cells from CD95 mediated apoptosis. 2001 , 62, 32-8	9
980	Activation of c-Jun N-terminal kinase in the absence of NFkappaB function prior to induction of NK cell death triggered by a combination of anti-class I and anti-CD16 antibodies. 2001 , 62, 320-31	10
979	Nonspecific cytotoxic cells and innate immunity: regulation by programmed cell death. 2001 , 25, 791-805	27
978	Susceptibility of ovarian granulosa cells to apoptosis differs in cells isolated before or after the preovulatory LH surge. 2001 , 176, 13-20	28
977	DAP-5 is involved in MycN/IFNgamma-induced apoptosis in human neuroblastoma cells. 2001 , 162, 237-43	8
976	Estrogen neuroprotection: the involvement of the Bcl-2 binding protein BNIP2. 2001 , 37, 335-42	30
975	Glutathione S-transferase mu modulates the stress-activated signals by suppressing apoptosis signal-regulating kinase 1. 2001 , 276, 12749-55	303
974	Drosophila immune deficiency (IMD) is a death domain protein that activates antibacterial defense and can promote apoptosis. 2001 , 1, 503-14	344
973	Prolonged Jun N-terminal kinase (JNK) activation and the upregulation of p53 and p21(WAF1/CIP1) preceded apoptosis in hepatocytes after partial hepatectomy and cisplatin. 2001 , 1537, 79-88	30
972	Release of mitochondrial cytochrome c and activation of cytosolic caspases induced by myocardial ischaemia. 2001 , 1537, 101-9	74
971	Cell death induced by chemical homobifunctional cross-linkers. Cross-linker induced apoptosis. 2001 , 33, 1160-71	4
970	Interleukin-18 is a unique cytokine that stimulates both Th1 and Th2 responses depending on its cytokine milieu. 2001 , 12, 53-72	517
969	Eupatilin, a pharmacologically active flavone derived from Artemisia plants, induces apoptosis in human promyelocytic leukemia cells. 2001 , 496, 191-8	73

968	TGF-beta released by apoptotic T cells contributes to an immunosuppressive milieu. 2001 , 14, 715-25	344
967	Soluble Fas and Fas-ligand in bladder cancer in vitro and in vivo. 2001 , 6, 163-169	19
966	Proteolytic cleavage of epidermal growth factor receptor by caspases. 2001 , 491, 16-20	33
965	Induction of CHOP and apoptosis by nitric oxide in p53-deficient microglial cells. 2001 , 506, 135-9	77
964	Transfection, but not retroviral transduction, upregulates apoptotic pathways in murine fibroblasts. 2001 , 33, 268-70	
963	Increased intracellular doxorubicin by anti-FAS monoclonal antibody: a mechanism that enhances the cytotoxicity in renal cell carcinoma cells. 2001 , 57, 993-8	9
962	Myocyte apoptosis in the pathogenesis of ureteral damage in rats with obstructive uropathy. 2001 , 58, 463-70	17
961	Antiapoptotic proteins. The bcl-2 and inhibitor of apoptosis protein families. 2001 , 19, 57-74	60
960	Signalling apoptosis: a radical approach. 2001 , 6, 77-90	265
959	Apoptosis and the systolic dysfunction in congestive heart failure. Story of apoptosis interruptus and zombie myocytes. 2001 , 19, 113-26	67
958	Apoptosis in cardiac transplant rejection. 2001 , 19, 141-54	31
957	Cellular stress response and apoptosis in cancer therapy. 2001 , 98, 2603-14	669
956	The clinical significance of caspase regulation in acute leukemia. 2001 , 40, 471-81	8
955	Stress and testicular germ cell apoptosis. 2001 , 47, 211-6	35
954	Role of TNF family ligands in antitumor activity of natural killer cells. 2001 , 20, 415-37	45
953	Familial hemophagocytic lymphohistiocytosis: too little cell death can seriously damage your health. 2001 , 42, 13-20	26
952	Role of HTLV-I infection in the pathogenesis of Sjögren's syndrome and rheumatoid arthritis. 2001 , 11, 87-90	4
951	Inhibition of Apoptosis in Human Neutrophils by Helicobacter pylori Water-Soluble Surface Proteins. 2001 , 36, 589-600	14

950	Apoptosis in chronic adult periodontitis analyzed by in situ DNA breaks, electron microscopy, and immunohistochemistry. 2001 , 72, 517-25	87
949	Induction of apoptosis by garcinol and curcumin through cytochrome c release and activation of caspases in human leukemia HL-60 cells. 2001 , 49, 1464-74	185
948	Role of the CD95/CD95 ligand system in glucocorticoid-induced monocyte apoptosis. 2001 , 166, 1344-51	61
947	TNFalpha down-regulates the Fas ligand and inhibits germ cell apoptosis in the human testis. 2001 , 86, 4480-8	102
946	Activator Protein-1 and Nuclear Factor-Kappa B. 2001 , 31, 337-341	1
945	alpha-Melanocyte stimulating hormone (MSH) decreases cyclosporine a induced apoptosis in cultured human proximal tubular cells. 2001 , 16, 603-9	14
944	Polyomavirus Large T Antigen Interact with the DISC and Protect against Fas Induced Apoptosis. 2001 , 1, 136	
943	5-Fluorouracil induced Fas upregulation associated with apoptosis in liver metastases of colorectal cancer patients. 2001 , 12, 209-16	52
942	Specific caspase pathways are activated in the two stages of cerebral infarction. 2001 , 21, 7127-34	219
941	In Vitro Investigations on the Toxicity and Cell Death Induced by Tamoxifen on Two Non-Breast Cancer Cell Types. 2001 , 1, 99-107	24
940	Cytokines and liver diseases. 2001 , 15, 661-8	67
939	Expression of apoptosis on rat liver by hepatic vagus hyperactivity after ventromedial hypothalamic lesioning. 2001 , 280, G958-67	12
938	[From tumor necrosis factor to TRAIL-AMAIze: second generation antitumorally effective cytokines]. 2001 , 24 Suppl 1, 6-10	0
937	Akt protects mouse hepatocytes from TNF-alpha- and Fas-mediated apoptosis through NK-kappa B activation. 2001 , 281, G1357-68	92
936	Helicobacter pylori lipopolysaccharide induces apoptosis of cultured guinea pig gastric mucosal cells. 2001 , 281, G726-34	24
935	Apoptosis. 2001 , 927-947	
934	Apoptosis in sepsis: a new target for therapeutic exploration. 2001 , 15, 879-892	44
933	Protection against Fas-mediated and tumor necrosis factor receptor 1-mediated liver injury by blockade of FADD without loss of nuclear factor-kappaB activation. 2001 , 234, 681-8	11

932	Expression of Fas receptor on disc cells in herniated lumbar disc tissue. 2001 , 26, 142-6	79
931	Expression of fas ligand in metastatic prostatic carcinoma: suggestive of possible clonal expansion of subpopulation with metastatic potential. 2001 , 10, 236-41	2
930	Cellular apoptosis susceptibility gene expression in endometrial carcinoma: correlation with Bcl-2, Bax, and caspase-3 expression and outcome. 2001 , 20, 359-67	67
929	Pancreatic adenocarcinoma cell lines show variable susceptibility to TRAIL-mediated cell death. 2001 , 23, 72-9	67
928	Correlation of Fas and Fas ligand expression with rejection status of transplanted heart in human. 2001 , 71, 906-9	14
927	Apoptosis in chronic rejection of human cardiac allografts. 2001 , 71, 1137-46	37
926	Apoptosis in liver disease. 2001 , 13, 785-90	53
925	Expression of Fas ligand and apoptosis of disc cells in herniated lumbar disc tissue. 2001 , 26, 618-21	105
924	Actinomycin D and gemcitabine synergistically sensitize androgen-independent prostate cancer cells to Apo2L/TRAIL-mediated apoptosis. 2001 , 24, 459-71	48
923	Cytokines and fracture healing. 2001 , 12, 403-408	12
922	Defective Fas ligand production in lymphocytes from MS patients. 2001 , 12, 4113-6	7
921	New approaches in tolerance induction. 2001 , 6, 89-94	2
920	Molecular mechanisms of the decision between life and death: regulation of apoptosis by apoptosis signal-regulating kinase 1. 2001 , 130, 1-8	144
919	Regulation of Fas-mediated apoptosis by NF-kappaB activity in human hepatocyte derived cell lines. 2001 , 45, 483-9	19
918	Apoptosis in autoimmune diseases. 2001 , 40, 275-84	124
917	Costunolide induces apoptosis by ROS-mediated mitochondrial permeability transition and cytochrome C release. 2001 , 24, 303-6	93
916	Involvement of caspase-2 long isoform in Fas-mediated cell death of human leukemic cells. 2001 , 97, 1835-44	54
915	Perforin and interferon-gamma activities independently control tumor initiation, growth, and metastasis. 2001 , 97, 192-7	427

914	Synthesis and release of B-lymphocyte stimulator from myeloid cells. 2001 , 97, 198-204	480
913	TRAIL expression by activated human CD4(+)V alpha 24NKT cells induces in vitro and in vivo apoptosis of human acute myeloid leukemia cells. 2001 , 97, 2067-74	131
912	Differential use of Fas ligand and perforin cytotoxic pathways by donor T cells in graft-versus-host disease and graft-versus-leukemia effect. 2001 , 97, 2886-95	158
911	Role of protein kinase C zeta isoform in Fas resistance of immature myeloid KG1a leukemic cells. 2001 , 98, 3770-7	41
910	Differential cellular targets of Epstein-Barr virus (EBV) infection between acute EBV-associated hemophagocytic lymphohistiocytosis and chronic active EBV infection. 2001 , 98, 1882-8	166
909	Structural changes of mitochondria related to apoptosis. 2001 , 10, 26-56	36
908	Roles of caspases in the programmed cell death of motoneurons in vivo. 2001 , 64, 461-74	13
907	Adoptive immunotherapy for malignant brain tumors using human peripheral blood mononuclear cells activated by the Streptococcal preparation OK-432. 2001 , 41, 387-92	
906	Regulatory mechanisms of female germ cell apoptosis during embryonic development. 2001 , 48, 289-301	6
905	Purpurin-18 in combination with light leads to apoptosis or necrosis in HL60 leukemia cells. 2001 , 73, 290-6	27
904	Action of recombinant human apoptotic endonuclease G on naked DNA and chromatin substrates: cooperation with exonuclease and DNase I. 2001 , 276, 48404-9	134
903	Methods of study of tumor necrosis factor-related ligands in apoptosis. 2001 , 66, 499-526	1
902	The induction and suppression of apoptosis by viruses. 2001 , 5, 351-411	
901	Rb, mcl-1 and p53 expression correlate with clinical outcome in patients with liver metastases from colorectal cancer. 2001 , 12, 779-85	49
900	Ultraviolet Light (UV) Regulation of the TNF Family Decoy Receptors DcR2 and DcR3 in Human Keratinocytes. 2001 , 5, 294-298	9
899	Presence and significance of CD-95 (Fas/APO1) expression after spinal cord injury. 2001 , 94, 257-64	17
898	asy andasyip: A new type of apoptosis-inducing gene. 2001 , 46, 1409-1410	6
897	Activated Ras modifies the proliferative response of rheumatoid synovial cells to TNF-alpha and TGF-alpha. 2001 , 50, 592-7	8

896	Regulation of the transcription factor GATA-1 at the gene and protein level. 2001 , 58, 2008-17	5
895	Analysis of nuclear apoptotic process in a cell-free system. 2001 , 58, 298-306	11
894	Apoptotic and necrotic cell death induced by death domain receptors. 2001 , 58, 356-70	199
893	Apoptosis of skeletal muscle cells and the pathogenesis of myositis: a perspective. 2001 , 3, 325-33	14
892	The role of survivin as a new target of diagnosis and treatment in human cancer. 2001 , 34, 207-12	88
891	The protective effect of hepatocyte growth-promoting factor (pHGF) against hydrogen peroxide-induced acute lung injury in rats. 2001 , 34, 92-102	15
890	Identification of apoptosis-inhibiting gene in Leucania separata nuclear polyhedrosis virus. 2001 , 146, 2149-63	9
889	Ultraviolet light (UV) regulation of the TNF family decoy receptors DcR2 and DcR3 in human keratinocytes. 2001 , 5, 294-8	25
888	Fas and fas ligand in human hepatocellular carcinoma. 2001 , 36, 727-8	3
887	Growth inhibition and apoptosis of gastric cancer cell lines by Anemarrhena asphodeloides Bunge. 2001 , 36, 79-90	33
886	Cytokines: past, present, and future. 2001 , 74, 3-8	141
885	Expression of human Fas ligand on mouse beta islet cells does not induce insulinitis but is insufficient to confer immune privilege for islet grafts. 2001 , 8, 262-9	11
884	Identification of a potential HIV-induced source of bystander-mediated apoptosis in T cells: upregulation of trail in primary human macrophages by HIV-1 tat. 2001 , 8, 290-6	72
883	Induction of apoptosis in chondrocytes by tumor necrosis factor-alpha. 2001 , 19, 785-96	122
882	Alterations in molecular killing mechanisms: implications in skin disease. 2001 , 145, 868-76	4
881	Proapoptotic and antiapoptotic markers in cutaneous T-cell lymphoma skin infiltrates and lymphomatoid papulosis. 2001 , 145, 928-37	31
880	Expression of co-stimulatory and adhesion molecules and chemokine or apoptosis receptors on acute myeloid leukaemia: high CD40 and CD11a expression correlates with poor prognosis. 2001 , 115, 298-308	29
879	Delayed apoptosis of circulating neutrophils in Kawasaki disease. 2001 , 126, 355-64	44

878	Apoptosis and JNK activation are differentially regulated by Fas expression level in renal tubular epithelial cells. 2001 , 60, 65-76	22
877	Cytochrome c-mediated caspase-9 activation triggers apoptosis in Streptococcus pyogenes-infected epithelial cells. 2001 , 3, 395-405	73
876	Transitional cell carcinoma expresses high levels of Fas ligand in vivo. 1999 , 83, 698-702	26
875	Apoptosis and the nervous system. 2000 , 74, 1-20	345
874	Structure-activity relationship of the p55 TNF receptor death domain and its lymphoproliferation mutants. 2001 , 268, 1382-91	4
873	Focal adhesion kinase affects the sensitivity of human hepatocellular carcinoma cell line SMMC-7721 to tumor necrosis factor-alpha/cycloheximide-induced apoptosis by regulating protein kinase B levels. 2001 , 268, 4513-9	13
872	Cell death mediated by alloreactive cytotoxic T cells via the granule exocytosis or the Fas pathway is independent of p34cdc2 kinase: Fas dependent killing of cells arrested in the cell cycle. 2001 , 79, 264-73	4
871	Soluble Fas modulates interferon responsiveness. 2001 , 16, 958-9	
870	Ligation of the Fas antigen stimulates chemokine secretion in pancreatic cancer cell line PANC-1. 2001 , 16, 1060-7	12
869	Nitric oxide protects cultured rheumatoid synovial cells from Fas-induced apoptosis by inhibiting caspase-3. 2001 , 103, 362-7	34
868	Vascular smooth muscle cell apoptosis in atherosclerosis. 1999 , 80, 197-203	13
867	In vitro study of monocyte viability during the initial adhesion to albumin- and fibrinogen-coated surfaces. 2001 , 22, 827-32	29
866	Upstream mediators of the Fas apoptotic transduction pathway are defective in B-chronic lymphocytic leukemia. 2001 , 25, 967-80	9
865	Hypericin and hypocrellin induced apoptosis in human mucosal carcinoma cells. 2001 , 65, 59-73	37
864	Modulation of apoptosis during herpes simplex virus infection in human cells. 2001 , 3, 859-66	79
863	Generation and maintenance of memory T cells. 2001 , 13, 248-54	170
862	Evidence for a suppression of apoptosis in early postnatal life. 2001 , 80, 994-7	8
861	Immunohistochemical analysis of apoptosis-related factors (Fas, Fas ligand, caspase-3 and single-stranded DNA) in ameloblastomas. 2001 , 30, 596-602	54

860	Selective expression of FLIP in malignant melanocytic skin lesions. 2001 , 117, 360-4	84
859	Influence of interferon-gamma on radiation-induced apoptosis in normal and ataxia-telangiectasia fibroblast cell lines. 2001 , 21, 417-29	7
858	Suppression of cell transformation and induction of apoptosis by caffeic acid phenethyl ester. 2001 , 31, 83-9	63
857	Priming prostate carcinoma cells for increased apoptosis is associated with up-regulation of the caspases. 2001 , 92, 2297-308	20
856	Role of Fas and granule exocytosis pathways in tumor-infiltrating T lymphocyte-induced apoptosis of autologous human lung-carcinoma cells. 2001 , 91, 772-7	15
855	The MEK1-ERK MAP kinase pathway and the PI 3-kinase-Akt pathway independently mediate anti-apoptotic signals in HepG2 liver cancer cells. 2001 , 92, 55-62	61
854	Differential regulation of cell cycle-related proteins by CD95 engagement in thymocytes and T cell leukemic cell line, Jurkat. 2001 , 80, 328-38	2
853	Activation of the caspase cascade during Stx1-induced apoptosis in Burkitt's lymphoma cells. 2001 , 81, 128-42	34
852	Neurohormonal regulation of myocardial cell apoptosis during the development of heart failure. 2001 , 186, 11-8	28
851	Expression of Fas ligand is an early event in colorectal carcinogenesis. 2001 , 76, 63-8; discussion 69	17
850	Characterization of ultrastructure and its relation with DNA fragmentation in Fas-induced apoptosis of cultured cardiac myocytes. 2001 , 193, 546-56	50
849	Possible role of fas antigen (CD 95) in human amniotic epithelial cell death: an in vitro study. 2001 , 25, 485-8	6
848	Ultraviolet B irradiation modulates susceptibility to tumour necrosis factor-alpha-induced apoptosis via induction of death receptors in murine fibroblasts. 2001 , 25, 1221-8	4
847	Molecular machinery and signaling events in apoptosis. 2001 , 52, 558-570	18
846	IFN-gamma induces cell death in human hepatoma cells through a TRAIL/death receptor-mediated apoptotic pathway. 2001 , 93, 262-8	71
845	Expression of protein kinase C beta1 confers resistance to TNFalpha- and paclitaxel-induced apoptosis in HT-29 colon carcinoma cells. 2001 , 93, 179-84	29
844	Immature dendritic cells kill ovarian carcinoma cells by a FAS/FASL pathway, enabling them to sensitize tumor-specific CTLs. 2001 , 94, 407-13	36
843	Cepharanthine activates caspases and induces apoptosis in Jurkat and K562 human leukemia cell lines. 2001 , 82, 200-14	47

842	Oxidative stress signalling in the apoptosis of Jurkat T-lymphocytes. 2001 , 82, 437-44	40
841	p38beta MAP kinase protects rat mesangial cells from TNF-alpha-induced apoptosis. 2001 , 82, 556-65	30
840	Evidence that the death receptor DR4 is a DNA damage-inducible, p53-regulated gene. 2001 , 188, 98-105	117
839	Apoptosis and its clinical impact. 2001 , 23, 409-25	53
838	Involvement of Fas receptor and not tumor necrosis factor-alpha receptor in ultraviolet-induced activation of acid sphingomyelinase. 2001 , 30, 47-55	12
837	Inhibition of NF-kappaB in T cells blocks lymphoproliferation and partially rescues autoimmune disease in gld/gld mice. 2001 , 31, 2612-22	20
836	Involvement of Bcl-2 family genes and Fas signaling system in primary and secondary male germ cell apoptosis induced by 2-bromopropane in rat. 2001 , 174, 35-48	46
835	TNF-alpha-induced cell death in feline immunodeficiency virus-infected cells is mediated by the caspase cascade. 2001 , 287, 446-55	16
834	Breast cancer cells release factors that induced apoptosis in human bone marrow stromal cells. 2001 , 16, 1600-10	25
833	Role of apoptosis of renal tubular cells in acute renal failure: therapeutic implications. 2001 , 6, 83-102	62
832	Tumor necrosis factor alpha activates the phosphorylation of ERK, SAPK/JNK, and P38 kinase in primary cultures of neurons. 2001 , 26, 107-12	42
831	The potential of TRAIL for cancer chemotherapy. 2001 , 6, 191-7	116
830	BAPTA blocks DNA fragmentation and chromatin condensation downstream of caspase-3 and DFF activation in HT-induced apoptosis in HL-60 cells. 2001 , 6, 291-7	18
829	Apoptotic cell death in mammary adenocarcinoma cells is prevented by soluble factors present in the target organ of metastasis. 2001 , 69, 39-51	22
828	Cell density-dependent death mode switch of cultured cortical neurons under serum-free starvation stress. 2001 , 21, 317-24	26
827	Soluble Fas antigen (sFAS) in the serum from patients with adrenal tumors. 2001 , 132, 990-2	3
826	Fas (CD95, Apo-1) ligand gene transfer. 2001 , 21, 24-9	1
825	Caspase-3 activity and expression of Bcl-2 family in human neutrophils by Helicobacter pylori water-soluble proteins. 2001 , 6, 207-15	20

824	T cell-mediated cytotoxicity via Fas/Fas ligand signaling in Helicobacter pylori-infected gastric corpus. 2001 , 6, 283-93	14
823	Inhibition of neuronal apoptosis by polyunsaturated fatty acids. 2001 , 16, 223-7; discussion 279-84	66
822	Caspase-dependent apoptotic pathways in CNS injury. 2001 , 24, 131-44	126
821	Apoptosis and cell growth inhibition as antitumor effector functions of interferons. 2001 , 18, 3-14	24
820	Prolonged, but not acute, glutathione depletion promotes Fas-mediated mitochondrial permeability transition and apoptosis in mice. 2001 , 33, 1181-8	49
819	Is TRAIL hepatotoxic?. 2001 , 34, 3-6	69
818	Towards a reliable parameter of liver damage in hepatitis C: TUNEL versus caspase activation. 2001 , 34, 840-1	7
817	Apoptosis and death receptor signaling in diaphragm of burnt rats. 2016 , 203, 6-14	2
816	Efficient analysis of mouse genome sequences reveal many nonsense variants. 2016 , 113, 5670-5	4
815	Apoptosis Methods in Toxicology. 2016 ,	1
814	Diatom-derived oxylipins induce cell death in sea urchin embryos activating caspase-8 and caspase 3/7. 2016 , 176, 128-40	22
813	Fas-670A>G polymorphism is not associated with an increased risk of acute myeloid leukemia development. 2016 , 4, 153-160	3
812	Therapeutic effect of spermatogonial stem cell on testicular damage caused by lead in rats. 2016 , 592, 148-153	7
811	MLKL and FADD Are Critical for Suppressing Progressive Lymphoproliferative Disease and Activating the NLRP3 Inflammasome. 2016 , 16, 3247-3259	55
810	Enhancing the biocompatibility of microfluidics-assisted fabrication of cell-laden microgels with channel geometry. 2016 , 147, 1-8	21
809	Alpha 5/6 helix domains together with N-terminus determine the apoptotic potency of the Bcl-2 family proteins. 2016 , 21, 1214-1226	2
808	Les huiles essentielles comme agents anticancéreux : actualité sur le mode d'action. 2016 , 1	4
807	Avermectin Confers Its Cytotoxic Effects by Inducing DNA Damage and Mitochondria-Associated Apoptosis. 2016 , 64, 6895-902	39

806	Mice lacking Faim2 show increased cell death in the MPTP mouse model of Parkinson disease. 2016 , 139, 848-857	14
805	Differences in the expression of microRNAs and their predicted gene targets between cauda epididymal and ejaculated boar sperm. 2016 , 86, 2162-2171	12
804	The SMAC mimetic BV6 induces cell death and sensitizes different cell lines to TNF- α and TRAIL-induced apoptosis. 2016 , 241, 2015-2022	14
803	Expression of HIF-1 β -FADD domain fused canine caspase 3 by EGFR promoter-driven adenovirus vector induces cytotoxicity in canine breast tumor cells under hypoxia. 2016 , 40, 131-139	3
802	An HPLC method associated with a thermodynamic analysis to compare the binding of TRAIL and its nanovectorized form to death receptors DR4 and DR5 and their relationship to cytotoxicity. 2016 , 1036-1037, 142-148	3
801	Biological behaviour of human umbilical artery smooth muscle cell grown on nickel-free and nickel-containing stainless steel for stent implantation. 2016 , 6, 18762	8
800	Anti-Fas Antibody Conjugated Nanoparticles Enhancing the Antitumor Effect of Camptothecin by Activating the Fas-FasL Apoptotic Pathway. 2016 , 8, 29950-29959	14
799	Tumor-targeted delivery of a C-terminally truncated FADD (N-FADD) significantly suppresses the B16F10 melanoma via enhancing apoptosis. 2016 , 6, 34178	12
798	IL-2 sensitivity and exogenous IL-2 concentration gradient tune the productive contact duration of CD8(+) T cell-APC: a multiscale modeling study. 2016 , 10, 77	13
797	Cooperation of erythrocytes with leukocytes in immune response of a teleost <i>Oplegnathus fasciatus</i> . 2016 , 38, 931-938	4
796	Engineered adenovirus fiber shaft fusion homotrimer of soluble TRAIL with enhanced stability and antitumor activity. 2016 , 7, e2274	9
795	Cytotoxic effects of tebufenozide in vitro bioassays. 2016 , 129, 180-8	9
794	<i>Yersinia</i> versus host immunity: how a pathogen evades or triggers a protective response. 2016 , 29, 56-62	32
793	T-cell development of resistance to apoptosis is driven by a metabolic shift in carbon source and altered activation of death pathways. 2016 , 23, 889-902	3
792	Ulcerative Colitis Is Characterized by a Decrease in Regulatory B Cells. 2016 , 10, 1212-23	24
791	Anticancer potential of pyrrole (1, 2, a) pyrazine 1, 4, dione, hexahydro 3-(2-methyl propyl) (PPDHMP) extracted from a new marine bacterium, <i>Staphylococcus</i> sp. strain MB30. 2016 , 21, 566-77	38
790	Biocompatibility assessment of type-II collagen and its polypeptide for tissue engineering: effect of collagen's molecular weight and glycoprotein content on tumor necrosis factor (Fas/Apo-1) receptor activation in human acute T-lymphocyte leukemia cell line. 2016 , 6, 14236-14246	20
789	Chronic treatment with resveratrol, a natural polyphenol found in grapes, alleviates oxidative stress and apoptotic cell death in ovariectomized female rats subjected to chronic cerebral hypoperfusion. 2016 , 19, 176-86	11

788	Overexpression of caspase 1 in apoptosis-resistant astrocytes infected with the BeAn Theiler's virus. 2016 , 22, 316-26	2
787	Myeloid cell leukemia-1 is a molecular indicator for malignant transformation of oral lichen planus. 2016 , 11, 1603-1607	6
786	GSIV serine/threonine kinase can induce apoptotic cell death via p53 and pro-apoptotic gene Bax upregulation in fish cells. 2016 , 21, 443-58	17
785	Aquatic viruses induce host cell death pathways and its application. 2016 , 211, 133-44	20
784	Staurosporine shows insecticidal activity against <i>Mythimna separata</i> Walker (Lepidoptera: Noctuidae) potentially via induction of apoptosis. 2016 , 128, 37-44	14
783	Raman microscopy at the subcellular level: a study on early apoptosis in endothelial cells induced by Fas ligand and cycloheximide. 2016 , 141, 1390-7	18
782	Soluble Fas/FasL ratio as a marker of vasculopathy in children and adolescents with sickle cell disease. 2016 , 79, 52-8	9
781	Anticancer activity of a cis-dichloridoplatinum(ii) complex of a chelating nitrogen mustard: insight into unusual guanine binding mode and low deactivation by glutathione. 2016 , 45, 3599-615	21
780	Effects of induced pluripotent stem cells-derived conditioned medium on the proliferation and anti-apoptosis of human adipose-derived stem cells. 2016 , 413, 69-85	8
779	Oral squamous cell carcinoma: Key clinical questions, biomarker discovery, and the role of proteomics. 2016 , 63, 53-65	55
778	Autoimmune lymphoproliferative syndrome due to somatic FAS mutation (ALPS-sFAS) combined with a germline caspase-10 (CASP10) variation. 2016 , 221, 40-7	18
777	Ethylacetate extract from <i>Tetrastigma hemsleyanum</i> induces apoptosis via the mitochondrial caspase-dependent intrinsic pathway in HepG2 cells. 2016 , 37, 865-76	32
776	Neuroprotective effect of carnosine and cyclosporine-A against inflammation, apoptosis, and oxidative brain damage after closed head injury in immature rats. 2016 , 26, 1-10	18
775	Remote Limb Preconditioning Generates a Neuroprotective Effect by Modulating the Extrinsic Apoptotic Pathway and TRAIL-Receptors Expression. 2017 , 37, 169-182	21
774	Reversal of Beta-Amyloid-Induced Neurotoxicity in PC12 Cells by Curcumin, the Important Role of ROS-Mediated Signaling and ERK Pathway. 2017 , 37, 211-222	38
773	Studies of anticancer drug cytotoxicity based on long-term HepG2 spheroid culture in a microfluidic system. 2017 , 38, 1206-1216	25
772	Comparative binding to DR4 and DR5 receptors of TRAIL and BNNTs/PAHE/mPEG-DSPE/TRAIL nanoparticles. 2017 , 30, e2611	3
771	The major constituents of the venom gland of a braconid endoparasitoid, <i>Meteorus pulchricornis</i> (Hymenoptera: Braconidae). 2017 , 52, 271-285	3

770	Apigenin induces both intrinsic and extrinsic pathways of apoptosis in human colon carcinoma HCT-116 cells. 2017 , 37, 1132-1140	32
769	Influence of long-term, high-dose dexamethasone administration on proliferation and apoptosis in porcine hepatocytes. 2017 , 112, 141-148	6
768	Lipo peptide-Induced Suicidal Erythrocyte Death Correlates with the Degree of Acylation. 2017 , 41, 296-309	8
767	Acceleration of Apoptosis by Extracellular Basic pH in a 3D Human Skin Equivalent System. 2017 , 100, 98-104	3
766	Role of apoptosis and autophagy in tuberculosis. 2017 , 313, L218-L229	68
765	HSYA alleviates secondary neuronal death through attenuating oxidative stress, inflammatory response, and neural apoptosis in SD rat spinal cord compression injury. 2017 , 14, 97	47
764	Granzyme B PET Imaging as a Predictive Biomarker of Immunotherapy Response. 2017 , 77, 2318-2327	153
763	Design, synthesis and biological evaluation of some novel sulfonamide derivatives as apoptosis inducers. 2017 , 135, 424-433	23
762	Delayed Growth Suppression and Radioresistance Induced by Long-Term Continuous Gamma Irradiation. 2017 , 188, 181-190	2
761	Development of a bioassay as a measure of drozitumab-mediated apoptosis induced by soluble Fc gamma receptors. 2017 , 448, 26-33	
760	Effective cytotoxic activity of OSW-1 on colon cancer by inducing apoptosis in vitro and in vivo. 2017 , 37, 3509-3519	7
759	Comparative genomic analysis of innate immunity reveals novel and conserved components in crustacean food crop species. 2017 , 18, 389	25
758	The Structural Basis of Arrestin Functions. 2017 ,	1
757	Biomolecular Network Controllability With Drug Binding Information. 2017 , 16, 326-332	11
756	Correlation of Serum Soluble Fibrinogen-Like Protein 2 with Soluble FAS Ligand and Interferon Gamma in Egyptian Hepatitis C Virus-Infected Patients and Hepatocellular Carcinoma Patients. 2017 , 37, 342-347	10
755	p,p'-DDT induces testicular oxidative stress-induced apoptosis in adult rats. 2017 , 15, 40	18
754	Apoptosis-inducing activity and antiproliferative effect of Paeoniflorigenone from moutan cortex. 2017 , 81, 1106-1113	6
753	CD95 ligand induces senescence in mismatch repair-deficient human colon cancer via chronic caspase-mediated induction of DNA damage. 2017 , 8, e2669	8

- 752 Anti-apoptotic genes Bcl-2 and Bcl-xL overexpression can block iridovirus serine/threonine kinase-induced Bax/mitochondria-mediated cell death in GF-1 cells. **2017**, 61, 120-129 23
- 751 The effect of cholesterol loaded cyclodextrins on post-thawing quality of buffalo semen in relation to sperm DNA damage and ultrastructure. **2017**, 17, 42-50 12
- 750 Exopolysaccharides from *Lactobacillus plantarum* NCU116 induce c-Jun dependent Fas/FasL-mediated apoptosis via TLR2 in mouse intestinal epithelial cancer cells. **2017**, 7, 14247 36
- 749 Quercetin exerts synergetic anti-cancer activity with 10-hydroxy camptothecin. **2017**, 109, 223-232 12
- 748 Edaravone is a candidate agent for spinal muscular atrophy: In vitro analysis using a human induced pluripotent stem cells-derived disease model. **2017**, 814, 161-168 15
- 747 Exposure to decabromodiphenyl ether (BDE-209) produces mitochondrial dysfunction in rat liver and cell death. **2017**, 80, 1129-1144 25
- 746 3D lung spheroid cultures for evaluation of photodynamic therapy (PDT) procedures in microfluidic Lab-on-a-Chip system. **2017**, 990, 110-120 29
- 745 Quantifying time-varying cellular secretions with local linear models. **2017**, 3, e00340
- 744 Anticancer effects of an extract from the scallop on MCF-7 human breast carcinoma cells. **2017**, 14, 2207-2217 5
- 743 Substrate binding interferes with active site conformational dynamics in endoglucanase Cel5A from *Thermobifida fusca*. **2017**, 491, 236-240 4
- 742 GDF-15 and TRAIL-R2 are powerful predictors of long-term mortality in patients with acute myocardial infarction. **2017**, 24, 1576-1583 45
- 741 Molecules, Systems and Signaling in Liver Injury. **2017**,
- 740 Beta-Catenin and the Survival of Hepatocytes. **2017**, 87-132
- 739 Small molecules as activators in medicinal chemistry (2000-2016). **2017**, 27, 1089-1110 4
- 738 TRAIL, Fas Ligand, TNF and TLR3 in Cancer. **2017**, 2 2
- 737 Expression of TRAIL and Fas in Primary Hyperparathyroidism. **2017**, 30, 242-246 3
- 736 Mutations in linker for activation of T cells (LAT) lead to a novel form of severe combined immunodeficiency. **2017**, 139, 634-642.e5 24
- 735 The role of osteocytes during experimental orthodontic tooth movement: A review. **2017**, 73, 25-33 12

734	Role of the HTLV-1 viral factors in the induction of apoptosis. 2017 , 85, 334-347	13
733	XIAP underlies apoptosis resistance of renal cell carcinoma cells. 2018 , 17, 125-130	17
732	Expression of miR-625 and Fas in cervical vertebral cartilage endplate. 2018 , 15, 513-519	2
731	Brucein D, a Naturally Occurring Tetracyclic Triterpene Quassinoid, Induces Apoptosis in Pancreatic Cancer through ROS-Associated PI3K/Akt Signaling Pathway. 2017 , 8, 936	26
730	Dual Role of Fas/FasL-Mediated Signal in Peripheral Immune Tolerance. 2017 , 8, 403	80
729	Feeding a High Concentration Diet Induces Unhealthy Alterations in the Composition and Metabolism of Ruminal Microbiota and Host Response in a Goat Model. 2017 , 8, 138	50
728	Modified rice bran hemicellulose inhibits vascular endothelial growth factor-induced angiogenesis via VEGFR2 and its downstream signaling pathways. 2017 , 36, 45-53	5
727	Tangeretin sensitises human lung cancer cells to TRAIL-induced apoptosis via ROS-JNK/ERK-CHOP pathway-mediated up-regulation of death receptor 5. 2017 , 16, 17	3
726	Expression levels of cleaved caspase-3 and caspase-3 in tumorigenesis and prognosis of oral tongue squamous cell carcinoma. 2017 , 12, e0180620	40
725	Tsoong induces apoptosis and inhibits proliferation, migration and invasion of pancreatic ductal adenocarcinoma cells. 2018 , 17, 3527-3536	9
724	Induction of DISE in ovarian cancer cells. 2017 , 8, 84643-84658	21
723	NK Cells in Cancer Immunotherapy. 2017 ,	
722	Involvement of oxidative stress in the mechanism of p,p'-DDT-induced nephrotoxicity in adult rats. 2017 , 36, 309-320	10
721	DNA fragmentation factors 40 and 45 (DFF40/DFF45) and B-cell lymphoma 2 (Bcl-2) protein are underexpressed in uterine leiomyosarcomas and may predict survival. 2017 , 10, 4579-4589	11
720	Sevoflurane inhibits the malignant potential of head and neck squamous cell carcinoma via activating the hypoxia-inducible factor-1 β signaling pathway in vitro. 2018 , 41, 995-1002	15
719	Calcitonin gene-related peptide reduces Porphyromonas gingivalis LPS-induced TNF- α release and apoptosis in osteoblasts. 2018 , 17, 3246-3254	11
718	Molecular cloning and characterization of FADD from the orange-spotted grouper (Epinephelus coioides). 2018 , 74, 517-529	12
717	ASC- and caspase-8-dependent apoptotic pathway diverges from the NLR4 inflammasome in macrophages. 2018 , 8, 3788	78

716	A Novel AKT Activator, SC79, Prevents Acute Hepatic Failure Induced by Fas-Mediated Apoptosis of Hepatocytes. 2018 , 188, 1171-1182	17
715	Locked nucleic acid -anti- let-7a induces apoptosis and necrosis in macrophages infected with Leishmania major. 2018 , 119, 193-199	8
714	Induced pluripotent stem cell-derived conditional medium promotes Leydig cell anti-apoptosis and proliferation via autophagy and Wnt/ β -catenin pathway. 2018 , 22, 3614-3626	15
713	TGFB1 modulates in vitro secretory activity and viability of equine luteal cells. 2018 , 110, 316-327	4
712	Apoptosis and Clearance of Apoptotic Cells. 2018 , 36, 489-517	378
711	Cervical Cancer HeLa Cell Autocrine Apoptosis Induced by Coimmobilized IFN- β plus TNF- α Biomaterials. 2018 , 10, 8451-8464	9
710	Human hepatocyte depletion in the presence of HIV-1 infection in dual reconstituted humanized mice. 2018 , 7,	15
709	Aging Aorta Cellular Mechanisms. 2018 , 3-23	2
708	Apigenin promotes TRAIL-mediated apoptosis regardless of ROS generation. 2018 , 111, 623-630	19
707	Ameliorative effect of pumpkin seed oil against emamectin induced toxicity in mice. 2018 , 98, 242-251	22
706	Prognostic Value of Soluble Death Receptor Ligands in Patients with Transitional Cell Carcinoma of Bladder. 2018 , 100, 476-484	2
705	Noninvasive PET Imaging of T cells. 2018 , 4, 359-373	63
704	GABA tea attenuates cardiac apoptosis in spontaneously hypertensive rats (SHR) by enhancing PI3K/Akt-mediated survival pathway and suppressing Bax/Bak dependent apoptotic pathway. 2018 , 33, 789-797	10
703	Samsun Ant Venom Exerts Anticancer Activity Through Immunomodulation In Vitro and In Vivo. 2018 , 33, 65-73	10
702	Apoptosis in Primary Hyperparathyroidism. 2018 , 31, 328-332	
701	Potential threat of Chlorpyrifos to human liver cells via the caspase-dependent mitochondrial pathways. 2018 , 29, 294-305	12
700	Stimulation of chemokines in human endometrial stromal cells by tumor necrosis factor- α and interferon- β is similar under apoptotic and non-apoptotic conditions. 2018 , 297, 505-512	5
699	Shikonin sensitizes A549 cells to TRAIL-induced apoptosis through the JNK, STAT3 and AKT pathways. 2018 , 19, 29	19

698	Proanthocyanidins from Chinese Bayberry (<i>Myrica rubra</i> Sieb. et Zucc.) Leaves: Structure Elucidation and Bioactive Functions. 2018 , 185-199	
697	The Anti-fibrotic Effect of Nilotinib on Tenon's Capsule Fibroblasts in Vitro. 2018 , 59, 549	1
696	Mesenchymal stem cells induced CD4+ T cell apoptosis in treatment of lupus mice. 2018 , 507, 30-35	6
695	The Sertoli Cell as a Target for Toxicants. 2018 , 64-81	1
694	MiR-532 downregulation of the Wnt/ β -catenin signaling via targeting Bcl-9 and induced human intervertebral disc nucleus pulposus cells apoptosis. 2018 , 138, 263-270	18
693	Burning controversies in NETs and autoimmunity: The mysteries of cell death and autoimmune disease. 2018 , 51, 267-280	6
692	Autophagy flux inhibition mediated by celastrol sensitized lung cancer cells to TRAIL-induced apoptosis via regulation of mitochondrial transmembrane potential and reactive oxygen species. 2019 , 19, 984-993	9
691	Multiple genetic mutations caused by NKX6.3 depletion contribute to gastric tumorigenesis. 2018 , 8, 17609	4
690	iCellular uptake of [18 F]-linisorb B2 and [18 F]-linisorb B3 isolated from flaxseed, and their antitumor activities in human gastric SGC-7901 cells. 2018 , 48, 692-703	6
689	Ciprofloxacin Enhances TRAIL-Induced Apoptosis in Lung Cancer Cells by Upregulating the Expression and Protein Stability of Death Receptors through CHOP Expression. 2018 , 19,	10
688	Binding of SRSF4 to a novel enhancer modulates splicing of exon 6 of Fas pre-mRNA. 2018 , 506, 703-708	5
687	Hepatitis B Spliced Protein (HBSP) Suppresses Fas-Mediated Hepatocyte Apoptosis via Activation of PI3K/Akt Signaling. 2018 , 92,	18
686	A novel TRAIL mutant-TRAIL-Mu3 enhances the antitumor effects by the increased affinity and the up-expression of DR5 in pancreatic cancer. 2018 , 82, 829-838	6
685	Hepatitis B Virus Surface Antigen Enhances the Sensitivity of Hepatocytes to Fas-Mediated Apoptosis via Suppression of AKT Phosphorylation. 2018 , 201, 2303-2314	14
684	Natural Killer Cells: Development, Maturation, and Clinical Utilization. 2018 , 9, 1869	367
683	Protective effects of 2-(2-benzofuranyl)-2-imidazoline combined with tissue plasminogen activator after embolic stroke in rats. 2018 , 1699, 142-149	
682	Role of Soluble Fas Ligand in Severity of Dengue Disease. 2018 ,	
681	Programmed Cell Death in Plants. 2018 , 379-415	1

680	Acetazolamide protects rat articular chondrocytes from IL-1 β induced apoptosis by inhibiting the activation of NF- κ B signal pathway. 2018 , 96, 1104-1111	2
679	From TRAIL to ONC201: Case Study on the Safety Benefit of Developing Targeted Agents Against Cancer-selective Pathways. 2018 , 631-646	1
678	Bile Duct Diseases. 2018 , 515-593	9
677	Therapeutic Effect of Penta-acetyl Geniposide on Adjuvant-Induced Arthritis in Rats: Involvement of Inducing Synovial Apoptosis and Inhibiting NF- κ B Signal Pathway. 2018 , 41, 2184-2195	7
676	Chlorogenic Acid Prevents AMPA-Mediated Excitotoxicity in Optic Nerve Oligodendrocytes Through a PKC and Caspase-Dependent Pathways. 2018 , 34, 559-573	10
675	MSP-4, an Antimicrobial Peptide, Induces Apoptosis via Activation of Extrinsic Fas/FasL- and Intrinsic Mitochondria-Mediated Pathways in One Osteosarcoma Cell Line. 2018 , 16,	20
674	Theabrownin triggers DNA damage to suppress human osteosarcoma U2OS cells by activating p53 signalling pathway. 2018 , 22, 4423-4436	20
673	FasL on the surface of Tag7 (PGRP-S)-activated lymphocytes induces necroptosis in HLA-negative tumor cells with the involvement of lysosomes and mitochondria. 2018 , 152, 174-180	9
672	NGAL protects against endotoxin-induced renal tubular cell damage by suppressing apoptosis. 2018 , 19, 168	16
671	Novel smac mimetic APG-1387 elicits ovarian cancer cell killing through TNF-alpha, Ripoptosome and autophagy mediated cell death pathway. 2018 , 37, 53	17
670	Association between Fas/FasL gene polymorphism and musculoskeletal degenerative diseases: a meta-analysis. 2018 , 19, 137	8
669	Anti-apoptosis in nonmyocytes and pro-autophagy in cardiomyocytes: two strategies against postinfarction heart failure through regulation of cell death/degeneration. 2018 , 23, 759-772	24
668	Synthesis and biological evaluation of triazole and isoxazole-tagged benzothiazole/benzoxazole derivatives as potent cytotoxic agents. 2018 , 42, 15546-15551	17
667	Prognostic value of interferon-gamma, interleukin-6, and tumor necrosis factor-alpha in the radiation response of patients diagnosed with locally advanced non-small-cell lung cancer and glioblastoma multiforme. 2018 , 48, 117-123	6
666	Design and synthesis of a luminescent iridium complex-peptide hybrid (IPH) that detects cancer cells and induces their apoptosis. 2018 , 26, 4804-4816	10
665	Early activation of CD95 is limited and localized to the cytotoxic synapse. 2018 , 285, 2813-2827	1
664	The genomic effects of cell phone exposure on the reproductive system. 2018 , 167, 684-693	12
663	Luteolysis and the Auto-, Paracrine Role of Cytokines From Tumor Necrosis Factor β and Transforming Growth Factor β Superfamilies. 2018 , 107, 287-315	6

662	Stable expression of infliximab in CRISPR/Cas9-mediated BAK1-deficient CHO cells. 2018 , 40, 1209-1218	5
661	Anticarcinogenic effect of indole-3-carbinol (I3C) on human hepatocellular carcinoma SNU449 cells. 2019 , 38, 136-147	11
660	Dynamics of Platelet Behaviors as Defenders and Guardians: Accumulations in Liver, Lung, and Spleen in Mice. 2019 , 42, 1253-1267	2
659	Apoptotic signalling targets the post-endocytic sorting machinery of the death receptor Fas/CD95. 2019 , 10, 3105	8
658	Unique pH-Sensitive RNA Binder for Ratiometric Visualization of Cell Apoptosis. 2019 , 91, 10056-10063	19
657	Polypeptide-engineered DNA tetrahedrons for targeting treatment of colorectal cancer via apoptosis and autophagy. 2019 , 309, 48-58	5
656	Immunity/Immunopathology. 2019 , 285-301	0
655	Berberis hispanica alkaloids extract induced cell death and apoptosis in human laryngeal cancer cells Hep-2. 2019 , 125, 134-141	4
654	Destined to Die: Apoptosis and Pediatric Cancers. 2019 , 11,	8
653	MicroRNAs involved in innate immunity regulation in the sea cucumber: A review. 2019 , 95, 297-304	6
652	Oligodendrocyte precursor cells present antigen and are cytotoxic targets in inflammatory demyelination. 2019 , 10, 3887	97
651	The first cloned echinoderm tumor necrosis factor receptor from <i>Holothuria leucospilota</i> : Molecular characterization and functional analysis. 2019 , 93, 542-550	1
650	PI3K/AKT inhibitors aggravate death receptor-mediated hepatocyte apoptosis and liver injury. 2019 , 381, 114729	12
649	Minimal intervening control of biomolecular networks leading to a desired cellular state. 2019 , 9, 13124	3
648	Interferon- β sensitizes human malignant melanoma cells to temozolomide-induced apoptosis and autophagy. 2019 , 54, 1864-1874	4
647	Sulforaphane enhances apoptosis induced by strain S-PT84 via the TNF α pathway in human colon cancer cells. 2019 , 18, 4253-4261	6
646	Iron homeostasis and iron-regulated ROS in cell death, senescence and human diseases. 2019 , 1863, 1398-1409	122
645	UV-induced DNA damage and repair: A cyanobacterial perspective. 2019 , 19, 100194	19

644	Induction of Melanoma Cell-Selective Apoptosis Using Anti-HER2 Antibody-Conjugated Gold Nanoparticles. 2019 , 60, 509-516	6
643	Supramolecular Complexes in Cell Death and Inflammation and Their Regulation by Autophagy. 2019 , 7, 73	3
642	Fas ligand and nitric oxide combination to control smooth muscle growth while sparing endothelium. 2019 , 212, 28-38	8
641	Molecular mechanism of CAT and SOD activity change under MPA-CdTe quantum dots induced oxidative stress in the mouse primary hepatocytes. 2019 , 220, 117104	29
640	MicroRNAs in cancer cell death pathways: Apoptosis and necroptosis. 2019 , 139, 1-15	84
639	Tumor mechanisms of resistance to immune attack. 2019 , 164, 61-100	8
638	Heterogeneous Nuclear Ribonucleoprotein F Mediates Insulin Inhibition of Bcl2-Modifying Factor Expression and Tubulopathy in Diabetic Kidney. 2019 , 9, 6687	3
637	Conformational and functional effects of MPA-CdTe quantum dots on SOD: Evaluating the mechanism of oxidative stress induced by quantum dots in the mouse nephrocytes. 2019 , 32, e2783	2
636	Role of FOXO3 Activated by HIV-1 Tat in HIV-Associated Neurocognitive Disorder Neuronal Apoptosis. 2019 , 13, 44	13
635	Prognostic significance of serum soluble DR5 levels in small-cell lung cancer. 2019 , 16, 403-408	0
634	Renal Damaging Effect Elicited by Bicalutamide Therapy Uncovered Multiple Action Mechanisms As Evidenced by the Cell Model. 2019 , 9, 3392	7
633	Cysteine-rich intestinal protein 1 suppresses apoptosis and chemosensitivity to 5-fluorouracil in colorectal cancer through ubiquitin-mediated Fas degradation. 2019 , 38, 120	6
632	Tumor necrosis factor-alpha and Fas/Fas ligand signaling pathways in chronic spontaneous urticaria. 2019 , 15, 15	3
631	A Threshold Model for T-Cell Activation in the Era of Checkpoint Blockade Immunotherapy. 2019 , 10, 491	11
630	Genetic variations in death receptor domain 4 gene and the susceptibility to hepatitis C related hepatocellular carcinoma. 2019 , 91, 1537-1544	3
629	Goat and buffalo milk fat globule membranes exhibit better effects at inducing apoptosis and reduction the viability of HT-29 cells. 2019 , 9, 2577	11
628	Group A -Mediated Host Cell Signaling. 2019 , 7,	2
627	Reverse Signaling of Tumor Necrosis Factor Superfamily Proteins in Macrophages and Microglia: Superfamily Portrait in the Neuroimmune Interface. 2019 , 10, 262	17

- 626 Evaluation of the anticancer potential of a sulphonamide carbonic anhydrase IX inhibitor on cervical cancer cells. **2019**, 34, 703-711 13
- 625 Potential pathological role of pro-inflammatory cytokines (IL-6, TNF- α and IL-17) in xenotransplantation. **2019**, 26, e12502 16
- 624 The Mechanisms of Proliferation and Energy Metabolism in Oral Cancer. **2019**,
- 623 Group A Streptococcus-Mediated Host Cell Signaling. **2019**, 125-147
- 622 3D Cellular Architecture Modulates Tyrosine Kinase Activity, Thereby Switching CD95-Mediated Apoptosis to Survival. **2019**, 29, 2295-2306.e6 13
- 621 Cytotoxicity of Triterpene -Acids from Buds. **2019**, 24, 4
- 620 Coenzyme Q10 Regulation of Apoptosis and Oxidative Stress in HO Induced BMSC Death by Modulating the Nrf-2/NQO-1 Signaling Pathway and Its Application in a Model of Spinal Cord Injury. **2019**, 2019, 6493081 34
- 619 The Role of BDNF in Peripheral Nerve Regeneration: Activity-Dependent Treatments and Val66Met. **2018**, 12, 522 47
- 618 Paclitaxel Induce Apoptosis of Giant Cells Tumor of Bone via TP53INP1 Signaling. **2019**, 11, 126-134 3
- 617 Apoptosis of tumor-infiltrating T lymphocytes: a new immune checkpoint mechanism. **2019**, 68, 835-847 46
- 616 Investigation of the synergistic effects of paclitaxel and herbal substances and endemic plant extracts on cell cycle and apoptosis signal pathways in prostate cancer cell lines. **2019**, 687, 261-271 18
- 615 The neuroprotective effect of agmatine against amyloid β induced apoptosis in primary cultured hippocampal cells involving ERK, Akt/GSK-3 β and TNF- α **2019**, 46, 489-496 17
- 614 GMP-compatible and xeno-free cultivation of mesenchymal progenitors derived from human-induced pluripotent stem cells. **2019**, 10, 11 16
- 613 Functional characterization of a mannose-binding lectin (MBL) from Nile tilapia (*Oreochromis niloticus*) in non-specific cell immunity and apoptosis in monocytes/macrophages. **2019**, 87, 265-274 26
- 612 Effects of postharvest temperature on apoptosis-related enzyme activity and gene expression in peach fruits (*Prunus persica* L. cv. Xiahui 8). **2019**, 245, 178-184 9
- 611 Effect of Gpx3 gene silencing by siRNA on apoptosis and autophagy in chicken cardiomyocytes. **2019**, 234, 7828-7838 19
- 610 α -Tocopherol-ascorbic acid hybrid antioxidant based cationic amphiphile for gene delivery: Design, synthesis and transfection. **2019**, 82, 178-191 17
- 609 EPA and DHA can modulate cell death via inhibition of the Fas/tBid-mediated signaling pathway with ISKNV infection in grouper fin cell line (GF-1) cells. **2020**, 97, 608-616 1

608	A trans-dichloridoplatinum(II) complex of a monodentate nitrogen mustard: Synthesis, stability and cytotoxicity studies. 2020 , 204, 110982	2
607	Beneficial Roles of Microglia and Growth Factors in MS, a Brief Review. 2020 , 14, 284	8
606	Isoflurane activates AMP-activated protein kinase to inhibit proliferation, and promote apoptosis and autophagy in cervical carcinoma both and. 2021 , 41, 538-545	2
605	Actin reorganization at the centrosomal area and the immune synapse regulates polarized secretory traffic of multivesicular bodies in T lymphocytes. 2020 , 9, 1759926	14
604	Intravenous -acetylcysteine in severe cutaneous drug reaction treatment: A case series. 2020 , 8, 2050313X20934708	3
603	Targeting apoptosis and autophagy following spinal cord injury: Therapeutic approaches to polyphenols and candidate phytochemicals. 2020 , 160, 105069	35
602	Granzyme B PET Imaging of the Innate Immune Response. 2020 , 25,	1
601	Discovery of a cobalt (III) salen complex that induces apoptosis in Burkitt like lymphoma and leukemia cells, overcoming multidrug resistance in vitro. 2020 , 104, 104193	7
600	Prediction of cell viability in dynamic optical projection stereolithography-based bioprinting using machine learning. 2020 , 1	3
599	Plasminogen Activator. 2020 , 10,	4
598	Mustard Leaf Extract Suppresses Psychological Stress in Chronic Restraint Stress-Subjected Mice by Regulation of Stress Hormone, Neurotransmitters, and Apoptosis. 2020 , 12,	0
597	Regulation of Long Non-coding RNAs and MicroRNAs in Heart Disease: Insight Into Mechanisms and Therapeutic Approaches. 2020 , 11, 798	8
596	Novel techniques to prevent apoptosis and improve regeneration in corneal endothelial cells. 2020 , 15, 267-274	
595	Anthocyanins Isolated from Enhances Cisplatin Sensitivity in MCF-7 Human Breast Cancer Cells through Inhibition of Akt and NF- κ B Activation. 2020 , 25,	5
594	Capsaicin up-regulates pro-apoptotic activity of thiazolidinediones in glioblastoma cell line. 2020 , 132, 110741	6
593	Influence of Microgravity on Apoptosis in Cells, Tissues, and Other Systems In Vivo and In Vitro. 2020 , 21,	15
592	Allicin Attenuated Advanced Oxidation Protein Product-Induced Oxidative Stress and Mitochondrial Apoptosis in Human Nucleus Pulposus Cells. 2020 , 2020, 6685043	12
591	Amelioration of LPS-induced inflammatory response and oxidative stress by astaxanthin in Channa argus lymphocyte via activating glucocorticoid receptor signalling pathways. 2020 , 51, 2687-2697	2

590	In vitro photodynamic treatment of cancer cells induced by aza-BODIPYs. 2020 ,	2
589	Immune Checkpoints Contribute Corneal Immune Privilege: Implications for Dry Eye Associated with Checkpoint Inhibitors. 2020 , 21,	5
588	Granzyme B is correlated with clinical outcome after PD-1 blockade in patients with stage IV non-small-cell lung cancer. 2020 , 8,	13
587	Evidence for Polyamine, Biogenic Amine, and Amino Acid Adduction Resulting from Metabolic Activation of Diosbulbin B. 2020 , 33, 1761-1769	1
586	Death Receptor 5 Displayed on Extracellular Vesicles Decreases TRAIL Sensitivity of Colon Cancer Cells. 2020 , 8, 318	8
585	Cell Death in the Origin and Treatment of Cancer. 2020 , 78, 1045-1054	46
584	Targeting apoptosis in cancer therapy. 2020 , 17, 395-417	389
583	Robust neuroinflammation and perivascular pathology in rTg-DI rats, a novel model of microvascular cerebral amyloid angiopathy. 2020 , 17, 78	9
582	Tumor-derived extracellular vesicles: Regulators of tumor microenvironment and the enlightenment in tumor therapy. 2020 , 159, 105041	5
581	Alterations in the epidermis of the carp, <i>Labeo rohita</i> (Cyprinidae: Cypriniformes), infected by the bacteria, <i>Aeromonas hydrophila</i> : A scanning electron microscopic, histopathological and immunohistochemical investigation. 2020 , 43, 941-953	5
580	Hantavirus inhibits apoptosis by preventing mitochondrial membrane potential loss through up-regulation of the pro-survival factor BCL-2. 2020 , 16, e1008297	11
579	The apoptotic and free radical-scavenging abilities of the protein hydrolysate obtained from chicken feather meal. 2020 , 99, 1693-1704	5
578	Baicalein inhibits cell development, metastasis and EMT and induces apoptosis by regulating ERK signaling pathway in osteosarcoma. 2020 , 40, 49-57	14
577	The mechanism of how CD95/Fas activates the Type I IFN/STAT1 axis, driving cancer stemness in breast cancer. 2020 , 10, 1310	15
576	Sea anemone (<i>Stichodactyla haddoni</i>) induces apoptosis in lung cancer A549 cells: an in vitro evaluation of biological activity of mucus derivatives. 2020 , 75, 1203-1211	
575	Apoptosis detection via automated algorithms to analyze biomarker translocation in reporter cells. 2020 , 117, 1470-1482	1
574	Inducible Polarized Secretion of Exosomes in T and B Lymphocytes. 2020 , 21,	13
573	Research in Computational Molecular Biology. 2020 ,	

572	Kinase inhibition in autoimmunity and inflammation. 2021 , 20, 39-63	74
571	Gastrointestinal and renal complications in SARS-CoV-2-infected patients: Role of immune system. 2021 , 93, e12999	3
570	Acetazolamide ameliorates the severity of collagen-induced arthritis in rats: Involvement of inducing synovial apoptosis and inhibiting Wnt/ β -catenin pathway. 2021 , 90, 107214	3
569	The testicular cancer stem cell niche. 2021 , 205-236	
568	BV6 enhances apoptosis in Lung cancer cells by ameliorating caspase expressions through attenuation of XIAP, cIAP-1, and cIAP-2 proteins. 2021 ,	
567	Genomic variants in Fas-mediated apoptosis pathway predict a poor response to Platinum-based Chemotherapy for Chinese Gastric Cancer Patients. 2021 , 12, 849-859	1
566	Identification and Functional Analysis of Apoptotic Protease Activating Factor-1 (Apaf-1) from. 2021 , 12,	4
565	The inhibitory role of the metabolites of Moringa oleifera seeds in cancer cells by apoptosis and cell cycle arrest activation. 2021 , 533-554	1
564	The Fas/FasL pathway as a target for enhancing anticancer adoptive cell therapy. 2021 , 47-68	
563	Samsun ant venom protects against carbon tetrachloride-induced acute spleen toxicity in vivo. 2021 , 28, 31138-31150	1
562	Host-virus interaction and viral evasion. 2021 , 45, 1124-1147	0
561	E3 Ubiquitin Ligase ASB17 Promotes Apoptosis by Ubiquitylating and Degrading BCLW and MCL1. 2021 , 10,	5
560	Cytotoxic and apoptosis-inducing effects of novel 8-amido isocoumarin derivatives against breast cancer cells. 2021 , 394, 1437-1449	3
559	Mechanisms of Action of the PGLYRP1/Tag7 Protein in Innate and Acquired Immunity. 2021 , 13, 91-101	0
558	The TNF Egr participates in signaling during cell competition in the absence of a requirement for JNK.	0
557	The Program Cell Death (Apoptosis) and the Therapy of Cancer.	1
556	Regulation of Dynamic Protein S-Acylation. 2021 , 8, 656440	4
555	Lung carcinoma spheroids embedded in a microfluidic platform. 2021 , 73, 457-471	1

554	Immune checkpoint deficiencies and autoimmune lymphoproliferative syndromes. 2021 , 44, 400-411	4
553	Methylation as a critical epigenetic process during tumor progressions among Iranian population: an overview. 2021 , 43, 14	
552	Lentivirus-Mediated Overexpression or Silencing of Aquaporin 1 Affects the Proliferation, Migration and Invasion of TNF- α -Stimulated Rheumatoid Arthritis Fibroblast-Like Synoviocytes by Wnt/ β Catenin Signaling Pathway. 2021 , 14, 1945-1957	5
551	FasL Is Required for Osseous Healing in Extraction Sockets in Mice. 2021 , 12, 678873	2
550	Comprehensive cell type decomposition of circulating cell-free DNA with CelFiE. 2021 , 12, 2717	3
549	Clustering of Death Receptor for Apoptosis Using Nanoscale Patterns of Peptides. 2021 , 15, 9614-9626	15
548	The effect of nanoparticles of cobalt-chromium on human aortic endothelial cells in vitro. 2021 , 41, 1966-1979	0
547	Profiling and Characterization of Localized Cytokine Response in Congenital Cleft Affected Lip Tissue. 2021 , 11,	0
546	Effects of dietary glucose oxidase, catalase, or both supplementation on reproductive performance, oxidative stress, fecal microflora and apoptosis in multiparous sows. 2021 ,	0
545	The genetic landscape of the FAS pathway deficiencies. 2021 , 44, 388-399	3
544	Genetic variations in tumor necrosis factor related apoptosis-inducing ligand receptor-1 (TRAIL-R1) gene and the susceptibility to B cell nonhodgkin lymphoma in Egypt. 2021 ,	
543	Cytotoxicity and Apoptosis Induced by L. Essential Oil in Human Normal Liver Cell Line L02 via the Endogenous Mitochondrial Pathway Rather Than the Endoplasmic Reticulum Stress. 2021 , 18,	
542	Screening of New Potential Probiotics Strains against Subsp. for Marine Aquaculture. 2021 , 11,	0
541	Vanillin oxime inhibits lung cancer cell proliferation and activates apoptosis through JNK/ERK-CHOP pathway. 2021 , 25, 273-280	1
540	Viral Suppression of RIPK1-Mediated Signaling. 2021 , 12, e0172321	1
539	Presence of p53 Protein on Spermatozoa DNA: A Novel Environmental Bio-Marker and Implications for Male Fertility.	
538	Identification of Biomarkers for Cervical Cancer Radiotherapy Resistance Based on RNA Sequencing Data. 2021 , 9, 724172	2
537	A unique form of collective epithelial migration is crucial for tissue fusion in the secondary palate and can overcome loss of epithelial apoptosis.	1

536	Evaluation of prophylactic efficacy of cinnamaldehyde in murine model against <i>Paradendryphiella arenariae</i> mycotoxin tenuazonic acid-induced oxidative stress and organ toxicity. 2021 , 11, 19420	2
535	Luteolin combined with low-dose paclitaxel synergistically inhibits epithelial-mesenchymal transition and induces cell apoptosis on esophageal carcinoma in vitro and in vivo. 2021 , 35, 6228-6240	3
534	Programmed cell death in aortic aneurysm and dissection: A potential therapeutic target. 2021 , 163, 67-80	6
533	Toxic effects of hexavalent chromium (Cr) on bioaccumulation, apoptosis, oxidative damage and inflammatory response in <i>Channa asiatica</i> . 2021 , 87, 103725	5
532	Development of a multiplex immuno-oncology biomarker and digital pathology workflow for assessment of urothelial carcinoma. 2021 , 226, 153607	1
531	Genetic Polymorphisms of Essential Immune Pathogenic Response Genes and Risk of Cervical Cancer. 2021 , 191-233	0
530	Apoptosis: Implications for Inflammatory Bowel Disease. 6, 191-205	5
529	Myocardial Ischemia. 2006 , 11-76	8
528	Cell death in the nervous system. 2006 , 557, 1-10	5
527	Role of lipid rafts in activation-induced cell death: the fas pathway in aging. 2006 , 584, 137-55	12
526	Small Heat Shock Proteins in Physiological and Stress-Related Processes. 2007 , 143-177	5
525	The Regulation of Apoptosis in Animal Cells. 1999 , 122-161	1
524	Hypertension as a cardiovascular proliferative disorder. 2000 , 213-222	1
523	Anti-Cancer Strategy of Transitional Cell Carcinoma of Bladder Based on Induction of Different Types of Programmed Cell Deaths. 2009 , 25-50	1
522	Apoptosis in Carcinogenesis and Chemotherapy [Esophageal Cancer]. 2009 , 127-156	1
521	The role of Fas/FasL in the metastatic potential of osteosarcoma and targeting this pathway for the treatment of osteosarcoma lung metastases. 2009 , 152, 497-508	33
520	Pathophysiological relevance of forkhead transcription factors in brain ischemia. 2009 , 665, 130-42	26
519	Proteases and Arrhythmias. 2003 , 191-218	2

518	Apoptosis in vascular smooth muscle accompanied by increases in arachidonic acid. 2002 , 507, 433-7	1
517	Mechanisms of immune dysfunction in renal cell carcinoma. 2003 , 116, 29-51	13
516	Biology of stem and myeloid progenitor cells in myelodysplastic syndromes. 2001 , 108, 45-63	2
515	Immunomodulatory Functions Encoded by the E3 Transcription Unit of Adenoviruses. 2000 , 13-25	2
514	Molecular switches that govern the balance between proliferation and apoptosis. 2000 , 4, 207-17	24
513	Apoptosis in Autoimmune Thyroid Disease. 2000 , 107-126	1
512	Activation of apoptosis pathways by anticancer drugs. 1999 , 457, 237-44	25
511	Inhibition of FAS/FAS-ligand does not block chemotherapy-induced apoptosis in drug sensitive and resistant cells. 1999 , 457, 259-66	10
510	Protective effects of butyric acid in colon cancer. 1999 , 472, 131-47	16
509	Cell and Molecular Aging. 2001 , 8-23	2
508	Detection of apoptosis using fluorescent probes. 2015 , 1292, 151-61	3
507	A Low-Cost Method for Tracking the Induction of Apoptosis Using FRET-Based Activity Sensors in Suspension Cells. 2016 , 93-108	1
506	Sketching of CD95 Oligomers by In Silico Investigations. 2017 , 1557, 153-171	1
505	Altered Apoptosis in AML. 2007 , 133-161	1
504	Death Receptors in Multiple Myeloma and Therapeutic Opportunities. 2008 , 393-419	4
503	The Death Receptor Pathway. 2009 , 119-150	2
502	RNA interference-mediated validation of genes involved in telomere maintenance and evasion of apoptosis as cancer therapeutic targets. 2009 , 487, 303-30	12
501	Osteogenic Growth Factors and Cytokines and Their Role in Bone Repair. 2007 , 17-45	5

500	Fas/CD95, Lipid Rafts, and Cancer. 2017 , 187-227	1
499	T cell apoptosis in HIV infection: mechanisms and relevance for AIDS pathogenesis. 1998 , 24, 233-48	13
498	Serpins and regulation of cell death. 1998 , 24, 63-89	52
497	CD95 (APO-1/Fas) in hematopoietic diseases. 1998 , 24, 157-74	2
496	T-cell-mediated control of poxvirus infection in mice. 2004 , 36, 39-55	3
495	HIV and apoptosis: a complex interaction between cell death and virus survival. 2004 , 36, 117-49	3
494	Molecular Cellular and Tissue Reactions of Apoptosis and Their Modulation by Drugs. 2000 , 37-57	4
493	Hepatocyte Apoptosis Triggered by Natural Substances (Cytokines, Other Endogenous Molecules and Foreign Toxins). 2000 , 59-108	5
492	How Does Programmed Cell Death Contribute to AIDS Pathogenesis?. 2000 , 127-150	1
491	Programmed Cell Death (Apoptosis) and the Immunologic Derangements of Critical Illness. 2002 , 264-279	1
490	Apoptosis in the overloaded myocardium: potential stimuli and modifying signals. 2000 , 33-68	1
489	The myofibroblast as an inflammatory cell in pulmonary fibrosis. 1999 , 93, 173-82	43
488	Herpesviral proteins regulating apoptosis. 2002 , 269, 257-72	14
487	Subversion of host defense mechanisms by adenoviruses. 2002 , 269, 273-318	111
486	Applications of FCS to Protein-Ligand Interactions: Comparison with Fluorescence Polarization. 2001 , 84-98	4
485	Biological Roles of Neurotrophins. 1999 , 1-31	5
484	Immune evasion by adenovirus E3 proteins: exploitation of intracellular trafficking pathways. 2004 , 273, 29-85	61
483	Signalling mechanisms for survival of lesioned motoneurons. 2004 , 89, 21-35	9

482	Apoptosis. 2011 , 63-80	1
481	Role of apoptosis in myocardial hibernation and myocardial stunning. 2000 , 21-45	1
480	Mechanisms of active cell death in isolated hepatocytes. 2000 , 281-300	5
479	Principles of Pediatric Oncology, Genetics of Cancer, and Radiation Therapy. 2006 , 411-436	1
478	Molecular Control of Programmed Cell Death in HIV Infection. 1999 , 99-114	1
477	Neurobiological Models of Aging in the Dog and Other Vertebrate Species. 2001 , 457-468	22
476	Cell Survival and Death in Rheumatic Diseases. 2009 , 379-395	1
475	p53 and Fas ligand are required for psoralen and UVA-induced apoptosis in mouse epidermal cells.	2
474	Spontaneous apoptosis in primary cultures of human and rat hepatocytes: molecular mechanisms and regulation by dexamethasone. 9 , 945-955	9
473	Role of Sertoli cells in injury-associated testicular germ cell apoptosis. 2000 , 225, 105-15	80
472	Cell death induction by CTL: perforin/granzyme B system dominantly acts for cell death induction in human hepatocellular carcinoma cells. 2000 , 225, 143-50	12
471	The genes of systemic autoimmunity. 1999 , 111, 228-40	45
470	Immunologic evaluation and genetic defects of apoptosis in patients with autoimmune lymphoproliferative syndrome (ALPS). 2021 , 58, 253-274	6
469	Maternal circulating concentrations of soluble Fas and Elabela in early- and late-onset preeclampsia. 2020 , 1-14	8
468	A screen for dominant modifiers of the irreC-rst cell death phenotype in the developing Drosophila retina. 2000 , 156, 205-17	24
467	Primary hepatic diffuse large B-cell lymphoma in a patient with chronic hepatitis C. 1999 , 23, 1124-30	16
466	Caspase-3-dependent organ apoptosis early after burn injury. 1999 , 229, 851-8; discussion 858-9	56
465	Host responses to secreted Shigella virulence factors. 1999 , 12, 221-8	5

464	Differential effect of ritonavir and indinavir on immune response to hepatitis C virus in HIV-1 infected patients. 1999 , 13, 1995-6	18
463	Fas and Fas ligand are not involved in the suppression of HIV replication by CD8 cells. 2000 , 14, 204-5	3
462	Nitric oxide inhibits stress-induced endothelial cell apoptosis. 1998 , 26, 1500-9	49
461	STAT1 Is Activated in Neurons After Ischemia and Contributes to Ischemic Brain Injury. 2002 , 1311-1318	36
460	Apoptosis, graft rejection, and transplantation tolerance. 1998 , 65, 869-75	71
459	Regulated and endothelial cell-specific expression of Fas ligand: an in vitro model for a strategy aiming at inhibiting xenograft rejection. 1998 , 66, 1126-31	15
458	Fas-mediated cytotoxicity is not required for rejection of murine nonvascularized heterotopic cardiac allografts. 1998 , 66, 1793-801	16
457	FK506 markedly enhances apoptosis of antigen-stimulated peripheral T cells by down-regulation of Bcl-xL. 1999 , 68, 1018-23	21
456	Enhancement of susceptibility to Fas-mediated apoptosis of TH1 cells by nonmitogenic anti-CD3epsilon F(ab')2. 2000 , 69, 104-12	14
455	A non-cleavable mutant of Fas ligand does not prevent neutrophilic destruction of islet transplants. 2000 , 69, 1813-7	35
454	Recent advances in immunology in multiple sclerosis. 1998 , 11, 293-8	6
453	Double-negative T cells in autoimmune diseases. 2021 , 33, 163-172	4
452	Edaravone prevents Fas-induced fulminant hepatic failure in mice by regulating mitochondrial Bcl-xL and Bax. 2008 , 30, 212-6	9
451	The murine gammaherpesvirus-68 M11 protein inhibits Fas- and TNF-induced apoptosis. 1999 , 80 (Pt 10), 2737-2740	66
450	Estimating the rate of cell type degeneration from epigenetic sequencing of cell-free DNA.	5
449	Oligodendrocyte Precursor Cells Are Co-Opted by the Immune System to Cross-Present Antigen and Mediate Cytotoxicity.	2
448	The prosurvival Bcl-2 homolog Bfl-1/A1 is a direct transcriptional target of NF-kappaB that blocks TNFalpha-induced apoptosis. 1999 , 13, 382-7	579
447	An auxiliary mode of apoptotic DNA fragmentation provided by phagocytes. 2000 , 14, 549-558	71

446	Genetic analysis of apoptotic and survival signals. 1999 , 64, 335-42	5
445	Role of Sertoli Cells in Injury-Associated Testicular Germ Cell Apoptosis. 2000 , 225, 105-115	4
444	Signaling Receptome: A Genomic and Evolutionary Perspective of Plasma Membrane Receptors Involved in Signal Transduction. 2003 , 2003, re9-re9	11
443	The mechanism of cell death in <i>Listeria monocytogenes</i> -infected murine macrophages is distinct from apoptosis. 1997 , 65, 4075-81	60
442	Interaction of <i>Yersinia enterocolitica</i> with macrophages leads to macrophage cell death through apoptosis. 1997 , 65, 4813-21	180
441	In vitro induction of activation-induced cell death in lymphocytes from chronic periodontal lesions by exogenous Fas ligand. 1999 , 67, 1450-4	27
440	Activation of caspase 3 during <i>Legionella pneumophila</i> -induced apoptosis. 1999 , 67, 4886-94	91
439	The ability of BHRF1 to inhibit apoptosis is dependent on stimulus and cell type. 1997 , 71, 7509-17	65
438	The adenovirus E3-10.4K/14.5K complex mediates loss of cell surface Fas (CD95) and resistance to Fas-induced apoptosis. 1997 , 71, 8299-306	140
437	Direct interaction of hepatitis C virus core protein with the cellular lymphotoxin-beta receptor modulates the signal pathway of the lymphotoxin-beta receptor. 1997 , 71, 9417-26	115
436	Serp2, an inhibitor of the interleukin-1beta-converting enzyme, is critical in the pathobiology of myxoma virus. 1998 , 72, 7830-9	81
435	Molecular and cellular analysis of human immunodeficiency virus-induced apoptosis in lymphoblastoid T-cell-line-expressing wild-type and mutated CD4 receptors. 1998 , 72, 8061-72	34
434	Induction of programmed cell death by parvovirus H-1 in U937 cells: connection with the tumor necrosis factor alpha signalling pathway. 1998 , 72, 8893-903	84
433	The role of in vitro-induced lymphocyte apoptosis in feline immunodeficiency virus infection: correlation with different markers of disease progression. 1998 , 72, 9025-33	22
432	Evidence of a role for phosphatidylinositol 3-kinase activation in the blocking of apoptosis by polyomavirus middle T antigen. 1998 , 72, 3221-6	51
431	Antiapoptotic activity of the herpesvirus saimiri-encoded Bcl-2 homolog: stabilization of mitochondria and inhibition of caspase-3-like activity. 1998 , 72, 5897-904	59
430	Caspase-dependent N-terminal cleavage of influenza virus nucleocapsid protein in infected cells. 1999 , 73, 10158-63	77
429	Perforin is essential for control of ectromelia virus but not related poxviruses in mice. 1999 , 73, 1665-7	76

428	Hepatitis C virus core protein enhances NF-kappaB signal pathway triggering by lymphotoxin-beta receptor ligand and tumor necrosis factor alpha. 1999 , 73, 1672-81	133
427	Differential expression of cell cycle and apoptosis related proteins in colorectal mucosa, primary colon tumours, and liver metastases. 2002 , 55, 206-11	50
426	Expression of human Fas ligand on mouse beta islet cells does not induce insulinitis but is insufficient to confer immune privilege for islet grafts. 2001 , 8, 262	1
425	Identification of a potential HIV-induced source of bystander-mediated apoptosis in T cells: Upregulation of TRAIL in primary human macrophages by HIV-1 tat. 2001 , 8, 290	3
424	Influenza-B-virus-induced eye and brain malformations during early chick embryogenesis and localization of the viral RNA in specific areas. 2004 , 11, 266-74	3
423	Death by design. Programmed cell death in cardiovascular biology and disease. 1997 , 81, 137-44	246
422	Caspases determine the vulnerability of oligodendrocytes in the ischemic brain. 2000 , 106, 643-53	71
421	Involvement of FAN in TNF-induced apoptosis. 2001 , 108, 143-51	80
420	Fas receptor signaling inhibits glycogen synthase kinase 3 beta and induces cardiac hypertrophy following pressure overload. 2002 , 109, 373-81	132
419	Apoptosis modulates protective immunity to the pathogenic fungus <i>Histoplasma capsulatum</i> . 2005 , 115, 2875-85	34
418	Serum from patients with type 2 diabetes with neuropathy induces complement-independent, calcium-dependent apoptosis in cultured neuronal cells. 1998 , 102, 1454-62	56
417	Involvement of the CD95 (APO-1/Fas) receptor and ligand system in <i>Helicobacter pylori</i> -induced gastric epithelial apoptosis. 1998 , 102, 1506-14	191
416	Critical role of macrophages in the marginal zone in the suppression of immune responses to apoptotic cell-associated antigens. 2007 , 117, 2268-78	229
415	Apoptosis mediated by Fas but not tumor necrosis factor receptor 1 prevents chronic disease in mice infected with murine cytomegalovirus. 1998 , 102, 1431-43	34
414	To kill a tumor cell: the potential of proapoptotic receptor agonists. 2008 , 118, 1979-90	247
413	HIV-1 kills renal tubular epithelial cells in vitro by triggering an apoptotic pathway involving caspase activation and Fas upregulation. 1998 , 102, 2041-9	119
412	The molecular basis for apoptotic defects in patients with CD95 (Fas/Apo-1) mutations. 1999 , 103, 355-63	122
411	Colchicine protects mice from the lethal effect of an agonistic anti-Fas antibody. 2000 , 105, 329-39	59

410	Interferon-gamma is required for lupus-like disease and lymphoaccumulation in MRL-lpr mice. 1998 , 101, 364-71	288
409	Targeting the extrinsic apoptotic pathway in cancer: lessons learned and future directions. 2015 , 125, 487-9	154
408	T cell-mediated Fas-induced keratinocyte apoptosis plays a key pathogenetic role in eczematous dermatitis. 2000 , 106, 25-35	326
407	Platelet-RBC interaction mediated by FasL/FasR induces procoagulant activity important for thrombosis. 2018 , 128, 3906-3925	41
406	Mutations in the Fas Antigen in Patients With Multiple Myeloma. 1997 , 90, 4266-4270	15
405	Comparison of Apoptosis in Wild-Type and Fas-Resistant Cells: Chemotherapy-Induced Apoptosis Is Not Dependent on Fas/Fas Ligand Interactions. 1997 , 90, 935-943	18
404	Mutation of CD95 (Fas/Apo-1) Gene in Adult T-Cell Leukemia Cells. 1998 , 91, 3935-3942	7
403	Caspase Activation Is Required for Nitric Oxide-Mediated, CD95(APO-1/Fas) Dependent and Independent Apoptosis in Human Neoplastic Lymphoid Cells. 1998 , 91, 4311-4320	3
402	Bcr-Abl Exerts Its Antiapoptotic Effect Against Diverse Apoptotic Stimuli Through Blockage of Mitochondrial Release of Cytochrome C and Activation of Caspase-3. 1998 , 91, 1700-1705	18
401	Dysregulation of CD95/CD95 Ligand-Apoptotic Pathway in CD3+ Large Granular Lymphocyte Leukemia. 1998 , 92, 4771-4777	9
400	Entry and Trafficking of Granzyme B in Target Cells During Granzyme B-Perforin-Mediated Apoptosis. 1998 , 92, 1044-1054	19
399	Cytochrome c Induces Caspase-Dependent Apoptosis in Intact Hematopoietic Cells and Overrides Apoptosis Suppression Mediated by bcl-2, Growth Factor Signaling, MAP-Kinase-Kinase, and Malignant Change. 1998 , 92, 1235-1246	3
398	Distinct Regulation of T-Cell Death by CD28 Depending on Both Its Aggregation and T-Cell Receptor Triggering: A Role for Fas-FasL. 1998 , 92, 1350-1363	10
397	Fas/APO-1 (CD95)-Mediated Apoptosis Is Activated by Interferon- α and Interferon- γ in Interleukin-6 (IL-6) Dependent and IL-6 Independent Multiple Myeloma Cell Lines. 1998 , 92, 2914-2923	4
396	Somatic Fas Mutations in Non-Hodgkin Lymphoma: Association With Extranodal Disease and Autoimmunity. 1998 , 92, 3018-3024	24
395	Phosphorylated Forms of Activated Caspases Are Present in Cytosol From HL-60 Cells During Etoposide-Induced Apoptosis. 1998 , 92, 3042-3049	12
394	Caspases Mediate Tumor Necrosis Factor- α -Induced Neutrophil Apoptosis and Downregulation of Reactive Oxygen Production. 1999 , 93, 674-685	10
393	P-Glycoprotein Protects Leukemia Cells Against Caspase-Dependent, but not Caspase-Independent, Cell Death. 1999 , 93, 1075-1085	16

- 392 Apoptotic Role of Fas/Fas Ligand System in the Regulation of Erythropoiesis. **1999**, 93, 796-803 11
- 391 Anticancer Drugs Induce Caspase-8/FLICE Activation and Apoptosis in the Absence of CD95 Receptor/Ligand Interaction. **1999**, 93, 3053-3063 48
- 390 Inhibition of Caspase Cascade by HTLV-I Tax Through Induction of NF- κ B Nuclear Translocation. **1999**, 94, 3847-3854 5
- 389 Deficiency of the Fas apoptosis pathway without Fas gene mutations is a familial trait predisposing to development of autoimmune diseases and cancer. **2000**, 95, 3176-3182 2
- 388 Interferon gamma delays apoptosis of mature erythroid progenitor cells in the absence of erythropoietin. **2000**, 95, 3742-3749 10
- 387 CD40 activation does not protect chronic lymphocytic leukemia B cells from apoptosis induced by cytotoxic T lymphocytes. **2000**, 95, 3853-3858 10
- 386 Interferon-Induced apoptotic responses of Fanconi anemia group C hematopoietic progenitor cells involve caspase 8-dependent activation of caspase 3 family members. **2000**, 96, 4204-4211 60
- 385 Mechanisms of HIV-associated lymphocyte apoptosis. **2000**, 96, 2951-2964 18
- 384 Role of protein kinase C δ isoform in Fas resistance of immature myeloid KG1a leukemic cells. **2001**, 98, 3770-3777 7
- 383 Effects of *Saccharomyces cerevisiae* on alleviating cytotoxicity of porcine jejunal epithelia cells induced by deoxynivalenol. **2019**, 9, 137 14
- 382 Activated human platelets express Fas-L and induce apoptosis in Fas-positive tumor cells. **2001**, 69, 123-128 15
- 381 Stromal derived factor-1 (SDF-1) induces CD4 + T cell apoptosis via the functional up-regulation of the Fas (CD95)/Fas ligand (CD95L) pathway. **2001**, 69, 263-270 13
- 380 Polysaccharide purified from *Ganoderma lucidum* inhibits spontaneous and Fas-mediated apoptosis in human neutrophils through activation of the phosphatidylinositol 3 kinase/Akt signaling pathway. **2002**, 72, 207-216 26
- 379 Lipoic Acid. **2001**, 1 1
- 378 Regulation of Apoptosis. **2005**, 21-33 1
- 377 The Role of Proteases in Neuronal Apoptosis. **1998**, 1 1
- 376 Significance of Oxidative Stress and Sperm Chromatin Damage in Male Infertility. **2003**, 1 1
- 375 Increased cell death in rat blastocysts exposed to maternal diabetes in utero and to high glucose or tumor necrosis factor-alpha in vitro. **1997**, 124, 4827-4836 98

374	Local induction of patterning and programmed cell death in the developing <i>Drosophila</i> retina. 1998 , 125, 2327-2335	134
373	Genetic evidence for cell death mediated by nerve growth factor and the neurotrophin receptor p75 in the developing mouse retina and spinal cord. 1999 , 126, 683-690	156
372	FAP-1 in pancreatic cancer cells. 2001 , 114, 2735-2746	57
371	TRADD is Involved in Apoptosis Induction in Granulosa Cells during Atresia in Pig Ovaries.. 2002 , 48, 175-181	12
370	Abnormal structural luteolysis in ovaries of the senescence accelerated mouse (SAM): expression of Fas ligand/Fas-mediated apoptosis signaling molecules in luteal cells. 2003 , 49, 457-63	2
369	Induced neural stem cells protect neuronal cells against apoptosis. 2014 , 20, 2759-66	6
368	Chloral Hydrate Treatment Induced Apoptosis of Macrophages via Fas Signaling Pathway. 2016 , 22, 4836-4843	2
367	Inducing death in tumor cells: roles of the inhibitor of apoptosis proteins. 2017 , 6, 587	25
366	Dynamic morphologic change and differentiation from fetal to mature pancreatic acinar cells in rats. 2012 , 79, 335-42	3
365	Role of Fas/Fas ligand interaction in ischemia-induced collateral vessel growth. 2002 , 25, 577-82	5
364	Iridoid glycosides fraction of <i>Folium syringae</i> leaves modulates NF- κ B signal pathway and intestinal epithelial cells apoptosis in experimental colitis. 2011 , 6, e24740	30
363	Maxadilan prevents apoptosis in iPS cells and shows no effects on the pluripotent state or karyotype. 2012 , 7, e33953	17
362	Baicalein selectively induces apoptosis in activated lymphocytes and ameliorates concanavalin a-induced hepatitis in mice. 2013 , 8, e69592	25
361	Comparison of effects of p53 null and gain-of-function mutations on salivary tumors in MMTV-Hras transgenic mice. 2015 , 10, e0118029	3
360	Low Expression of Mfn2 Is Associated with Mitochondrial Damage and Apoptosis of Ovarian Tissues in the Premature Ovarian Failure Model. 2015 , 10, e0136421	15
359	Daxx plays a novel role in T cell survival but is dispensable in Fas-induced apoptosis. 2017 , 12, e0174011	5
358	IFN- α alters the expression of diverse immunity related genes in a cell culture model designed to represent maturing neutrophils. 2017 , 12, e0185956	11
357	Stimulation of Fas agonistic antibody-mediated apoptosis by heparin-like agents suppresses Hsp27 but not Bcl-2 protective activity. 2004 , 9, 150-66	8

356	Inhibits SW480 Cells Growth by Apoptosis Induction. 2018 , 8, 675-682	3
355	Basic fibroblast growth factor selectively enhances TNF-alpha-induced apoptotic cell death in glomerular endothelial cells: effects on apoptotic signaling pathways. 2000 , 11, 2199-2211	23
354	Strong and selective glomerular localization of CD134 ligand and TNF receptor-1 in proliferative lupus nephritis. 2000 , 11, 1426-1438	88
353	KDM4B plays an important role in mitochondrial apoptosis by upregulating HAX1 expression in colorectal cancer. 2016 , 7, 57866-57877	16
352	Potential genotoxic and cytotoxicity of emamectin benzoate in human normal liver cells. 2017 , 8, 82185-82195	17
351	The genetically engineered drug rhCNB induces apoptosis via a mitochondrial route in tumor cells. 2017 , 8, 65876-65888	2
350	Tumor necrosis factor related apoptosis inducing ligand (TRAIL) regulates deubiquitinase USP5 in tumor cells. 2019 , 10, 5745-5754	4
349	RIP kinase-mediated necrosis as an alternative mechanisms of photoreceptor death. 2011 , 2, 497-509	40
348	MicroRNA 196B regulates FAS-mediated apoptosis in colorectal cancer cells. 2015 , 6, 2843-55	38
347	THE BIOLOGY OF THE GROWTH PLATE. 2003 , 85, 715-726	195
346	Caspase activation in high-pressure--induced apoptosis of murine erythroleukemia cells. 2001 , 51, 193-9	7
345	TNF superfamily protein-protein interactions: feasibility of small- molecule modulation. 2015 , 16, 393-408	17
344	Characteristics of Natural Killer Cell Interaction with Trophoblast Cells During Pregnancy. 2020 , 20, 202-219	4
343	Role of nitric oxide and peroxynitrite in apoptosis - relation to endonuclease activity. 2003 , 22, 93-100	2
342	Serum Fas/FasL levels in dependence on clinical presentations of coronary disease and their relationship with risk factors. 2010 , 67, 537-42	8
341	Apoptosis-related genes expression in primary in vitro culture of human ovarian granulosa cells. 2020 , 8, 176-182	2
340	Dexamethasone effects on Bax expression in the mouse testicular germ cells. 2009 , 47, 237-41	15
339	Death-inducing TNF family member-mediated cytotoxicity. 2003 , 23, 144-150	1

- 338 Combined Hyperthermia and Radiation Therapy for Treatment of Hepatocellular Carcinoma. **2019**, 20, 2303-2310 5
- 337 Les huiles essentielles comme agents anticancéreux : actualité sur le mode d'action. **2018**, 16, 254-267 2
- 336 Effect of ginsenoside Rh-2 via activation of caspase-3 and Bcl-2-insensitive pathway in ovarian cancer cells. **2016**, 65, 1031-1037 12
- 335 Intravenous dexamethasone attenuated inflammation and influenced apoptosis of lung cells in an experimental model of acute lung injury. **2016**, 65, S663-S672 8
- 334 Carnitine and/or GABA Supplementation Increases Immune Function and Changes Lipid Profiles and Some Lipid Soluble Vitamins in Mice Chronically Administered Alcohol. **2010**, 15, 196-205 1
- 333 Induction of Apoptosis in Human Colon Carcinoma HCT116 Cells Using a Water Extract of *Lepidium virginicum* L.. **2011**, 40, 649-659 5
- 332 Apoptosis and its pathway in X gene-transfected HepG2 cells. **2005**, 11, 4326-31 15
- 331 Functional expression of a proliferation-related ligand in hepatocellular carcinoma and its implications for neovascularization. **2005**, 11, 4650-4 16
- 330 Augmentation of tumor necrosis factor family-induced apoptosis by E3330 in human hepatocellular carcinoma cell lines via inhibition of NF kappa B. **2005**, 11, 6258-61 8
- 329 Regulation of apoptosis by the papillomavirus E6 oncogene. **2005**, 11, 931-7 24
- 328 Molecular mechanisms of apoptosis induced by Scorpio water extract in human hepatoma HepG2 cells. **2005**, 11, 943-7 11
- 327 Suppression of P-gp induced multiple drug resistance in a drug resistant gastric cancer cell line by overexpression of Fas. **2000**, 6, 664-670 25
- 326 *Salvia miltiorrhiza* monomer IH764-3 induces hepatic stellate cell apoptosis via caspase-3 activation. **2002**, 8, 515-9 22
- 325 Overexpression of HBxAg in hepatocellular carcinoma and its relationship with Fas/FasL system. **2003**, 9, 2671-5 17
- 324 Induction of Apoptotic Cell Death by Egg white combined-Chalcanthite on NCI-H460 Human Lung Cancer Cells. **2009**, 12, 49-59 3
- 323 Lycopene attenuates high glucose-mediated apoptosis in MPC5 podocytes by promoting autophagy via the PI3K/AKT signaling pathway. **2020**, 20, 2870-2878 4
- 322 Apoptosis-Sialic Acid Relationships at Different Developmental Stages of Murine Thymus. **2006**, 9, 1852-1860 5
- 321 Development of expression systems for the production of recombinant human Fas ligand extracellular domain derivatives using *Pichia pastoris* and preparation of the conjugates by site-specific chemical modifications: A review. **2018**, 5, 39-62 2

320	Sensitization to cell death induced by soluble Fas ligand and agonistic antibodies with exogenous agents: A review. 2020 , 7, 122-203	1
319	Docosahexaenoic acid (DHA), an essential fatty acid for the proper functioning of neuronal cells: their role in mood disorders. 2009 , 60, 203-212	20
318	Sesamin Induces Human Leukemic Cell Apoptosis via Mitochondrial and Endoplasmic Reticulum Stress Pathways. 2010 , 1, 78-86	9
317	Mitochondria Released by Apoptotic Cell Death Initiate Innate Immune Responses. 2018 , 2, 384-397	14
316	Expression of apoptosis regulatory markers in the skin of advanced hepatitis-C virus liver patients. 2012 , 57, 187-93	4
315	2-(2-Benzofuranyl)-2-imidazoline treatment within 5 hours after cerebral ischemia/reperfusion protects the brain. 2018 , 13, 2111-2118	3
314	Evidence of apoptosis in right ventricular dysfunction in rheumatic mitral valve stenosis. 2016 , 144, 718-724	3
313	Prognostic Impact of Polymorphisms in the CASPASE Genes on Survival of Patients with Colorectal Cancer. 2012 , 44, 32-6	13
312	Effect of Farnesyl Caffeate-Induced Apoptosis of Lung Carcinoma Cell Line from Damage to DNA. 2013 , 04, 689-695	1
311	Chemical Composition and Antitumor Apoptogenic Activity of Methylene Chloride Extracts from the Leaves of Zanthoxylum schinifolium. 2006 , 16, 546-554	5
310	Cardiac Effects of Exercise Training in Hypertension. 2013 , 2013, 1-9	4
309	Nuclear factor-kappaB activation: a question of life or death. 2002 , 35, 28-40	143
308	Potassium efflux during apoptosis. 2002 , 35, 41-6	16
307	Cellular and molecular pathways of ischemic neuronal death. 2002 , 35, 67-86	155
306	Mechanism of Inhibition of HepG2 Cell Proliferation by a Glycoprotein from Hizikia fusiformis. 2012 , 45, 553-560	2
305	Hoechst 33342 induces apoptosis in HL-60 cells and inhibits topoisomerase I in vivo. 1999 , 123, 921-7	38
304	Effect of Armeniacae Amarum Semen on Expression of Bax and Bcl-2 mRNA and Caspase-3 Activity of Human DU145 Prostate Cancer Cells. 2016 , 29, 159-167	1
303	B-cell Lymphoma 2 rs17757541 C>G polymorphism was associated with an increased risk of gastric cardiac adenocarcinoma in a Chinese population. 2013 , 14, 4301-6	8

- 302 Dietary glucose oxidase and/or catalase supplementation alleviates intestinal oxidative stress induced by diquat in weaned piglets. **2021**, 92, e13634 0
- 301 C. **2000**, 48-79
- 300 Reactive oxygen species, nitric oxide and apoptosis. **2000**, 207-219
- 299 Pharmacological Gene Therapy for Experimental Brain Tumors. **2000**, 303-314
- 298 Molecular Mechanisms of Lymphocyte Apoptosis. **2000**, 201-236
- 297 Apoptosis and Cancer. **2000**, 216-232
- 296 Immune Cell Functions. **2000**, 97-123
- 295 The protective role of nitric oxide in hepatocytes during responses to inflammatory mediators and induction of apoptosis. **2000**, 301-315
- 294 Apoptosis and Eosinophils. **2000**, 357-374
- 293 Programmed cell death and its regulation and initiation in *C. elegans*. **2000**, 35-55
- 292 Myxoma Virus Expresses a TNF Receptor Homolog with two Distinct Functions. **2000**, 97-109
- 291 Pathogenesis of Myocardial Injury and Cell Death in Myocarditis: Its Relation to the Fas/Fas Ligand Pathway. **2000**, 57-69 1
- 290 T Cell Apoptosis and Its Role in Peripheral Tolerance. **2000**, 179-196
- 289 Epilogue. **2000**,
- 288 Interferon- γ -induced apoptotic responses of Fanconi anemia group C hematopoietic progenitor cells involve caspase 8-dependent activation of caspase 3 family members. **2000**, 96, 4204-4211
- 287 Functional Analysis of the Bcl2 Gene Family in Transgenic Mice. **2001**, 115-145
- 286 Apo2L. **2001**, 142-147
- 285 Death Receptors in Acute Brain Injury. **2001**, 181-198

- 284 Regulation of Fas Receptor and Fas Ligand Expression and Caspase Activities in Okadaic Acid-induced Apoptosis of Human Oral Squamous Carcinoma Cells. **2001**, 55, 243-256
- 283 Apoptosis in Cardiac Transplant Rejection. **2001**, 89-100
- 282 Activation of Nuclear Factor- κ B. **2001**, 203-227
- 281 Normal Programmed Cell Death of Developing Avian and Mammalian Neurons Following Inhibition or Genetic Deletion of Caspases. **2001**, 61-74
- 280 Roles for Fas in Programmed Cell Death of Motoneurons. **2001**, 33-45
- 279 Death Ligand/Death Receptor-Mediated Apoptosis for Treatment of Brain Tumors. **2001**, 327-344
- 278 Bladder Cancer: Genetic and Epidemiological Factors Involved in its Genesis. **2002**, 207-224
- 277 Apoptosis.
- 276 p53 and Its Targets. **2002**, 77-96
- 275 Death Domains and Death Effector Domains.
- 274 Cellular Responses to Chemical Carcinogens. **2002**, 203-222
- 273 Differential Regulation of Myocardial Cell Apoptosis by β and β Adrenergic Pathways. **2002**, 261-264
- 272 Tumor Necrosis Factor Receptors in Systemic Inflammation. **2002**, 365-384
- 271 Death Receptors.
- 270 Immune Cell Apoptosis and Chronic Fatigue Syndrome. **2002**, 131-174
- 269 Up-regulation of Bax is associated with DNA topoisomerase I inhibitor β apachone-induced apoptosis in human prostate carcinoma cells. **2002**, 12, 469-476
- 268 Cell Death (Apoptosis). **2003**, 541-554
- 267 The Death Receptor Family and the Extrinsic Pathway. **2003**, 67-84

266 References. **2003**, 170-236

265 Signaling for Inducible Fas-Resistance in Primary B Lymphocytes. **2003**, 49-66

264 Regulation of Neutrophil Apoptosis. **2003**, 271-287

263 Induction and molecular regulation of host cell apoptosis by infectious pancreatic necrosis virus infection. **2003**, 270-276

262 Cellular mechanisms of nephrotoxicity. **2003**, 65-76

261 MACROMOLECULAR CARRIERS FOR DRUG TARGETING. **2003**, 587-600

260 DNA Fragmentation in Mammalian Apoptosis and Tissue Homeostasis. **2003**, 171-183

259 Endothelial Cell Apoptosis Under Fluid Flow. **2003**, 289-296

258 Drug response measurements using optical forces. **2003**,

257 Enhancement of Fas-mediated apoptosis in human neutrophils by a selective cyclooxygenase-2 inhibitor. **2003**, 23, 175-180

256 Apoptosis and Cancer. **2003**, 177-199

255 Aging of Endothelial Cells. **2003**, 47-65

254 Enhancement of Radiation Response with TNF/TRAIL. **2003**, 227-240

253 ????????????????? : ??,??,?????(?66????????????). **2003**, 11, 29-36

252 Apoptotic Cell Death of Human Lung Carcinoma A549 Cells by an Aqueous Extract from the Roots of Platycodon grandiflorum. **2003**, 13, 154-162 2

251 Viral persistence: immunologic and molecular-genetic aspects of pathogenesis. **2003**, 2, 113-120 8

250 Alterations in T-Cell Signaling Pathways and Increased Sensitivity to Apoptosis. **2004**, 119-144

249 Zellzyklus und Apoptose. **2004**, 175-191

248 Role of Superoxide Radical and Its Scavenger in Reproduction. **2004**, 53, 9-19

247 Neural Injury at the Molecular Level. **2005**, 100-108

246 Monitoring Cell Death. **2005**, 369-379

245 MITOCHONDRIAL INVOLVEMENT IN FAS-MEDIATED APOPTOSIS OF HUMAN LUMBAR DISC CELLS. **2005**, 87, 1338-1342

17

244 TRAIL-mediated Cytotoxicity: Impacts of sTRAIL and vTRAIL Microvesicles. **2005**, 6, 150-159

243 Expression of TNF-related Apoptosis-inducing Ligand (TRAIL) and TRAIL Receptor 1 on Cancer and Normal Tissues in Patients with Non-small Cell Lung Cancer. **2006**, 46, 321-327

242 Mutational Analysis of Pro-apoptoticBADGene in Non-small Cell Lung Cancer. **2006**, 5, 35

5

241 Induction and modulation of inflammatory networks by bacterial protein toxins. **2006**, 887-918

240 Prinzipien der Tumorimmunologie. **2006**, 101-169

239 Molecular basis of disregulation of programmed lymphocytes death in chronic viral infection. **2006**, 5, 23-34

1

238 Decoy Receptor-2 Small Interfering RNA (siRNA) Strategy Employing Three Different siRNA Constructs in Combination Defeats Adenovirus-Transferred Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand Resistance in Lung Cancer Cells. **2006**, 061222085000001

237 Epilepsy, Brain Injury and Cell Death. **2007**, 363-374

236 Effects of Bcl-2 Overexpressing on the Apoptotic Cell Death Induced by HDAC Inhibitors in Human Leukemic U937 Cells. **2007**, 17, 552-560

235 Cellular growth. **2007**,

234 Lipid-Induced Death of Macrophages. **2007**, 251-260

233 Ultrasound-Induced Apoptosis. **2007**, 181-194

232 Mechanism of Apoptotic Cell Death by 2,4,3',5'-Tetramethoxystilbene in Human Promyelocytic Leukemic HL-60 Cells. **2007**, 15, 145-149

231 Apoptosis in Critical Illness: A Primer for the Intensivist. **2008**, 375-384

- 230 Approaches to the Induction of Tolerance. **2008**, 361-382
- 229 Apoptosis in Critical Illness: A Primer for the Intensivist. **2008**, 375-384
- 228 Induction of Apoptotic Cell Death by Aqueous Extract of *Cordyceps militaris* Through Activation of Caspase-3 in Human Hepatocarcinoma Hep3B Cells. **2008**, 37, 714-720
- 227 Cell Death Induction by CTL: Perforin/Granzyme B System Dominantly Acts for Cell Death Induction in Human Hepatocellular Carcinoma Cells. **2000**, 225, 143-150
- 226 Effect of Epigallocatechin Gallate on Apoptosis in MDA-MB-231 Human Breast Cancer Cells. **2008**, 37, 1114-1119 1
- 225 Uncoupling Cellular Respiration: A Link to Cancer Cell Metabolism and Immune Privilege. **2009**, 145-160
- 224 Molecular Biology of Brain Injury. **2009**, 1-12
- 223 Apoptosis of Human Jurkat T Cells Induced by the Methylene Chloride Extract from the Stems of *Zanthoxylum schinifolium* is Associated with Intrinsic Mitochondria-Dependent Activation of Caspase Pathway. **2008**, 18, 1499-1506 1
- 222 Hepatitis A virus, TIM-1 and allergy. **2009**, 77-92
- 221 Engulfment of Apoptotic Cells and Its Physiological Roles.
- 220 S-Nitrosylation [How Cancer Cells Say NO to Cell Death. **2010**, 85-102
- 219 Role of Jun dimerization protein 2 (JDP2) in cellular senescence. **2010**, 30, 507-519
- 218 Encyclopedia of Cancer. **2011**, 239-242
- 217 Induction of Apoptosis Signaling by a Glycoprotein of *Capsosiphon fulvescens* in AGS Cell. **2011**, 44, 216-224
- 216 Use of Broncho-Munal after measles vaccination in kids with recurrent infections. **2011**, 8, 37-44
- 215 Kapitel E1 Literaturverzeichnis zu Peter, Pichler, Müller-Ladner (Hrsg.): Klinische Immunologie. **2012**, e1-e80
- 214 Molecular Genetics and Cancer Biology. **2012**, 530-567.e16
- 213 Proteins Encoded by the Human Papillomavirus Genome and Their Functions. **2012**, 17-47

- 212 Melatonin in Cell Fate Decisions: Mechanistic Perspectives and Therapeutical Potential. **2012**, 127-161
- 211 Effects of Green Pepper (*Capsicum annuum* var.) on Antioxidant Activity and Induction of Apoptosis in Human Breast Cancer Cell Lines. **2012**, 44, 750-758 6
- 210 Cell Survival and Death in Rheumatic Diseases. **2013**, 382-399.e4 1
- 209 Polymorphonuclear Neutrophils and Tumors: Friend or Foe?. **2014**, 123-141 2
- 208 The particularities of protein fraction in the apoptosis of lymphocytes of patients with asthma. **2013**, 16, 1873-83 1
- 207 Molecular Biology of Brain Injury: 2012. **2014**, 535-553
- 206 Encyclopedia of Cancer. **2014**, 1-5
- 205 Amplification of Genomic DNA for Decoy Receptor 3 Predicts Post-Resection Disease Recurrence in Breast Cancer Patients. **2014**, 5, 14-23 2
- 204 Encyclopedia of Cancer. **2014**, 325-328
- 203 Therapeutic manipulation of apoptosis in cancer and neurological disease. **1998**, 281-303
- 202 Molecular Regulation of Testicular Cell Death. **1998**, 140-149
- 201 Signaling Components and Pathways. **1998**, 41-95
- 200 Recent Developments in the Molecular Biology of Human Brain Tumors. **1998**, 191-205
- 199 Cellular Mechanisms of Ischaemic Myocardial Damage. **1998**, 1-15 1
- 198 Apoptosis in *Drosophila*. **1998**, 205-241
- 197 Das CD95/CD95L System als Zielstruktur für die Modulation von allogenen Immunantworten. **1998**, 655-658
- 196 Apoptosis resistance in tumor cells. **1998**, 293-308
- 195 Aspirin and Salicylate Induce Apoptosis and Activation of Caspases in B-Cell Chronic Lymphocytic Leukemia Cells. **1998**, 92, 1406-1414 1

194 Mechanisms of Cell Growth and Tissue Repair. **1999**, 282-303

193 Apoptosis and the Development of Breast Cancer. **1999**, 171-180

192 Increased Expression of Fas Ligand mRNA and Protein in Liver Metastases of Human Colonic Adenocarcinomas. **1999**, 41-52

191 Role of CD95 (APO-1/Fas) System in Chemotherapy. **1999**, 175-187

190 Cell Cycle and Apoptosis. **1999**, 131-169

189 The Role of p53 in Chemosensitivity. **1999**, 37-52

188 Expressions of Fas (Cd95) and Fas Ligand in HIV Infected Individuals. **1999**, 257-261

187 Functional Fas Expression in Human Thymic Epithelial Cells. **1999**, 93, 2660-2670

186 Streptococcus-Mediated Host Cell Signaling. 100-112

185 Acquired Immunity against Virus Infections. 237-254

184 Pro-apoptotic and Anti-adipogenic Effects of Proso Millet (*Panicum miliaceum*) Grains on 3T3-L1 Preadipocytes. **2014**, 24, 505-514 1

183 CD95 rs1800682A/G variant and tumor risk in Asians: evidence from a meta-analysis of 36 case-control studies containing 22,438 samples. **2015**, 21, 630-7

182 Targeting apoptosis is the major battle field for killing cancers. **2015**, 4, 69

181 Inhibitory Effects of Flavonoids on Growth of HT-29 Human Colon Cancer Cells. **2015**, 44, 338-346 2

180 The Comparison Consideration on Experimental Articles about Melanoma Published in Journals of Korean Medicine. **2015**, 28, 30-47

179 Barrett Esophagus and Esophageal Adenocarcinoma. 949-974

178 The Swollen Optic Disc in Children. **2016**, 121-198 0

177 Tumor Biology and Environmental Carcinogenesis. **2016**, 19-34

- 176 Antimicrobial and antiviral effects of human defensins: pathogenetic value and prospective application to medicinal therapy. **2016**, 14, 3-37
- 175 Snake Venom synergized Cytotoxic Effect of Natural Killer Cells on NCI H358 Human Lung Cancer Cell Growth through Induction of Apoptosis. **2016**, 33, 1-9 1
- 174 The innate immune systems of malacostracan crustaceans exhibit both conserved and evolutionarily distinct components. 1
- 173 Multifactorial Diseases with Immunological Involvement. **2017**, 221-258
- 172 Interface Dermatoses. **2017**, 87-120
- 171 Arrestins in Cell Death. **2017**, 273-302
- 170 Distinct regulation of nuclear localization of caspase-activated DNase during cadmium-induced apoptosis of the target cells. **2017**, 4, 159-165
- 169 TLR3 Is a Death Receptor Target in Cancer Therapy. **2017**, 159-185
- 168 Induction of DISE in ovarian cancer cells in vivo. 0
- 167 Small Interfering RNA-Mediated Suppression of Fas Modulate Apoptosis and Proliferation in Rat Intervertebral Disc Cells. **2017**, 11, 686-693 2
- 166 The Sertoli Cell as a Target for Toxicants ?. **2018**,
- 165 Sperm Chromatin and Lifestyle Factors. **2018**, 263-279
- 164 Acetyl glycyrrhetic acid methyl ester as a promising glycyrrhizin derivative against the breast cancer cells (MCF-7). **2019**, 8, 161 1
- 163 Study of antitumor activity of synthetic peptide ryqlhpyr on the prostate cancer cells. **2019**, 18, 40-50 1
- 162 Pulmonary protection of transcutaneous electrical acupoint stimulation in gynecological laparoscopic surgery: A randomized controlled trial. **2020**, 19, 511-518 1
- 161 Estimating the Rate of Cell Type Degeneration from Epigenetic Sequencing of Cell-Free DNA. **2020**, 240-242
- 160 Actin reorganization at the centrosomal area and the immune synapse regulates polarized secretory traffic of multivesicular bodies in T lymphocytes.
- 159 2-Hydroxypropyl- β -cyclodextrin blocks autophagy flux and triggers caspase-8-mediated apoptotic cascades in HepG2 cells. **2020**, 22, 1901-1909 1

- 158 Karbon tetraklorür ile oluşturulan deneysel karaciğer hasarında benfotiamin'in karaciğer dokusu üzerine koruyucu etkilerinin incelenmesi. **2020**, 45, 680-687
- 157 Loss of luteal sensitivity to luteinizing hormone underlies luteolysis in cattle: A hypothesis. **2021**, 21, 100570
- 156 Study on Neuroendocrine-Immune Function of and Its Rice Wine Steaming Products in Glucocorticoid-Induced Rat Model. **2020**, 2020, 5321976 1
- 155 Molecular mechanisms of cell death. **2022**, 65-92
- 154 Discrimination of live and dead cells with two different sets of signals and unique application in vivo imaging. **2020**, 231, 118115 2
- 153 Immunosurveillance Mechanisms of the Fetoplacental Unit. **2004**, 135-194
- 152 A Systems View of Cell Death. **2004**, 153-179
- 151 Hamlet; A Novel Tool to Identify Apoptotic Pathways in Tumor Cells. **2005**, 223-245
- 150 Hematologic Diseases. **2006**, 135-143
- 149 Molecular Analysis of Programmed Cell Death by DNA Topoisomerase Inhibitors in Kinetoplastid Parasite Leishmania. **2008**, 49-58
- 148 Death receptors and their ligands. **2000**, 5-28
- 147 Contribution of Circulating Progenitor Cells to Vascular Repair and Lesion Formation. **2007**, 185-197
- 146 Methods of Determining Apoptosis in Neuro-Oncology. **2006**, 143-161
- 145 Tumor Biology and Environmental Carcinogenesis. **2008**, 17-31
- 144 Clustering of death receptor for apoptosis using nanoscale patterns of peptides.
- 143 An auxiliary mode of apoptotic DNA fragmentation provided by phagocytes. **2000**, 14, 549-58 128
- 142 Bcl-2 antiapoptotic protein mediates verotoxin II-induced cell death: possible association between bcl-2 and tissue failure by E. coli O157:H7. **2000**, 14, 1734-40 17
- 141 The 5-lipoxygenase-activating protein (FLAP) inhibitor, MK886, induces apoptosis independently of FLAP. **1999**, 340 (Pt 2), 371-5 14

140	Restoration of tissue factor pathway inhibitor inhibits invasion and tumor growth in vitro and in vivo in a malignant meningioma cell line. 2006 , 29, 25-32	15
139	Internucleosomal DNA cleavage triggered by plasma membrane damage during necrotic cell death. Involvement of serine but not cysteine proteases. 1997 , 151, 1205-13	159
138	Analysis of apoptosis during hair follicle regression (catagen). 1997 , 151, 1601-17	254
137	Tumor necrosis factor is a survival and proliferation factor for human myeloma cells. 1999 , 10, 65-70	62
136	Characterization of antigen-presenting properties of tumour cells using virus-specific cytotoxic T lymphocytes. 2000 , 82, 1474-9	1
135	Inhibition of NAD(P)H oxidase reduces apoptosis and avascular retina in an animal model of retinopathy of prematurity. 2007 , 13, 840-53	70
134	Silencing Fas-associated phosphatase 1 expression enhances efficiency of chemotherapy for colon carcinoma with oxaliplatin. 2010 , 16, 112-8	16
133	Markers of degeneration and regeneration in Duchenne muscular dystrophy. 2009 , 28, 94-100	35
132	Natural IAP inhibitor Embelin enhances therapeutic efficacy of ionizing radiation in prostate cancer. 2011 , 1, 128-43	20
131	Mitochondria, Energy and Cancer: The Relationship with Ascorbic Acid. 2010 , 25, 29-38	8
130	A novel polyamine analog inhibits growth and induces apoptosis in human breast cancer cells. 2003 , 9, 2769-77	49
129	Epigenetic regulation of the TRAIL/Apo2L apoptotic pathway by histone deacetylase inhibitors: an attractive approach to bypass melanoma immunotherapy resistance. 2013 , 2, 55-74	17
128	Human ovarian tissue vitrification/warming has minor effect on the expression of apoptosis-related genes. 2013 , 17, 179-86	18
127	Elevation of mitochondrial transmembrane potential and reactive oxygen intermediate levels are early events and occur independently from activation of caspases in Fas signaling. 1999 , 162, 1466-79	190
126	Circulating endothelial-derived apoptotic microparticles in the patients with ischemic symptomatic chronic heart failure: relevance of pro-inflammatory activation and outcomes. 2014 , 8, 116-23	8
125	Regulation of CRADD-caspase 2 cascade by histone deacetylase 1 in gastric cancer. 2014 , 6, 538-47	5
124	Clinicopathological significance of Fas and Fas ligand expressions in esophageal cancer. 2015 , 5, 2865-71	5
123	Spermatogonia apoptosis induction as a possible mechanism of induced male infertility. 2020 , 23, 1164-1171	0

- 122 Cytotoxicity and pro-apoptosis activity of synthetic 1,3-thiazole incorporated phthalimide derivatives on cancer cells. **2021**, 24, 604-614
- 121 Bcl-2 antiapoptotic protein mediates verotoxin II-induced cell death: possible association between Bcl-2 and tissue failure by E. coli O157:H7. **2000**, 14, 1734-1740 30
- 120 Role of Cardiomyocyte Apoptosis in Heart Failure. **2022**, 253-267
- 119 Antitumoral and Anti-inflammatory Roles of Somatostatin and Its Analogs in Hepatocellular Carcinoma. **2021**, 2021, 1840069
- 118 Gene expression profiles of some prognostic markers in a human breast cell line (MCF7) exposed to Curcumin nanoparticles and nanocapsules.
- 117 Prostate Apoptosis Response-4 in Inflammation. **2021**, 25-40
- 116 Treatment with Mesenchymal Stromal Cells Overexpressing Fas-Ligand Ameliorates Acute Graft-versus-Host Disease in Mice.. **2022**, 23, 0
- 115 Leaf extract of *Osbeckia octandra* induces apoptosis in oral squamous cell carcinoma cells.. **2022**, 22, 20 0
- 114 Pathogenesis of CoViD19 Miscellaneous Mechanisms. **2022**, 183-215
- 113 Immunomodulatory functions encoded by the E3 transcription unit of adenoviruses. **2000**, 21, 13-25 30
- 112 Myxoma virus expresses a TNF receptor homolog with two distinct functions. **2000**, 21, 97-109 7
- 111 T Lymphocyte and CAR-T Cell-Derived Extracellular Vesicles and Their Applications in Cancer Therapy.. **2022**, 11, 0
- 110 Exposure to emamectin benzoate confers cytotoxic effects on human molt-4 T-cells and possible ameliorative role of vitamin E and dithiothreitol.. **2022**, 1-10
- 109 Regulation of extrinsic apoptotic signaling by c-FLIP: towards targeting cancer networks.. **2021**, 3
- 108 Investigation of Fas (APO-1)-Related Apoptosis in Piglets Intradermally or Intramuscularly Vaccinated with a Commercial PRRSV MLV.. **2022**, 1
- 107 Selective visuocstructional impairment following mild COVID-19 with inflammatory and neuroimaging correlation findings.
- 106 Update on risk factors and biomarkers of sudden unexplained cardiac death.. **2022**, 87, 102332 0
- 105 Programmed Cell Death-Dependent Host Defense in Ocular Herpes Simplex Virus Infection.. **2022**, 13, 869064 0

104	Evaluation of UV-B protective properties of leaves and seeds of <i>Achyranthes aspera</i> in Asian catfish <i>Clarias batrachus</i> (Linn.).. 2022 , 1	2
103	Apoptotic pathways and cancer. 256-272	
102	Table_1.docx. 2017 ,	
101	Protective Roles of Sodium Butyrate in Lipopolysaccharide-Induced Bovine Ruminal Epithelial Cells by Activating G Protein-Coupled Receptors 41. 2022 , 9,	1
100	Neural Injury at the Molecular Level. 2017 , 182-187.e4	
99	A unique form of collective epithelial migration is crucial for tissue fusion in the secondary palate and can overcome loss of epithelial apoptosis.. 2022 ,	2
98	The HSP90 inhibitor KW-2478 depletes the malignancy of BCR/ABL and overcomes the imatinib-resistance caused by BCR/ABL amplification. 2022 , 11,	1
97	Selective visuocstructional impairment following mild COVID-19 with inflammatory and neuroimaging correlation findings.	2
96	Self-Assembling Imageable Silk Hydrogels for the Focal Treatment of Osteosarcoma. 10,	0
95	Emerging Biomaterials Imaging Antitumor Immune Response. 2204034	1
94	Inhibition of Fas Receptor Endocytosis Sensitizes Cancer Cells to Fas-induced Apoptosis.	
93	Induction of DR5-Dependent Apoptosis by PGA2 through ATF4-CHOP Pathway. 2022 , 27, 3804	0
92	Effects of <i>Abies holophylla</i> Leaf Extract on Alcohol Metabolizing Enzyme Activity and Apoptosis in H ₂ O ₂ and Ethanol-Induced HepG2 Cells. 2022 , 51, 541-548	1
91	CASPASE-8 Gene Is Inactivated by Somatic Mutations in Gastric Carcinomas. 2005 , 65, 815-821	46
90	Down-regulation of protein kinase C β potentiates the cytotoxic effects of exogenous tumor necrosis factor-related apoptosis-inducing ligand in PC-3 prostate cancer cells. 2004 , 3, 773-781	6
89	Effect of Synthetic Cholesterol (Synthechol \square) Supplementation in an Egg Yolk-free Extender on Dog Sperm Cryopreservation. 2022 , 43, 99-109	
88	Gap junction intercellular communication mediates cadmium-induced apoptosis in hepatocytes via the Fas / FasL pathway.	0
87	Arsenic compounds activate MAPK and inhibit Akt pathways to induce apoptosis in MA -10 mouse Leydig tumor cells.	1

86	Altered caspase expression results in delayed neutrophil apoptosis in acute pancreatitis. 2000 , 68, 15-20	6
85	T cell lysis of murine renal cancer: multiple signaling pathways for cell death via Fas. 2000 , 68, 81-86	10
84	Effects of Nickel at Environmentally Relevant Concentrations on Human Corneal Epithelial Cells: Oxidative Damage and Cellular Apoptosis. 2022 , 12, 1283	0
83	Fas activation reduces neutrophil adhesion to endothelial cells. 2000 , 68, 715-722	5
82	Insight into the interplay between mitochondria-regulated cell death and energetic metabolism in osteosarcoma. 10,	0
81	CD95/Fas ligand mRNA is toxic to cells through more than one mechanism.	0
80	The Role of Apoptosis in Autoimmune Destruction of Pancreatic b-Cells.	0
79	Fetus, as an allograft, evades the maternal immunity. 2022 , 75, 101728	0
78	Anti-proliferating and apoptosis-inducing activity of chemical compound FTI-6D in association with p53 in human cancer cell lines. 2023 , 369, 110257	0
77	FasL is a catabolic factor in alveolar bone homeostasis.	0
76	DUSP1 mediates BCG induced apoptosis and inflammatory response in THP-1 cells via MAPKs/NF- κ B signaling pathway.	0
75	Neutrophils as immune effector cells in antibody therapy in cancer.	0
74	Immune-antioxidant trait, growth, splenic cytokines expression, apoptosis, and histopathological alterations of <i>Oreochromis niloticus</i> exposed to sub-lethal copper toxicity and fed thyme and/or basil essential oils enriched diets. 2022 , 131, 1006-1018	1
73	Apoptosis, autophagic cell death, and necroptosis: different types of programmed cell death in bovine corpus luteum regression. 2022 ,	0
72	Recent development of multi-targeted inhibitors of human topoisomerase II enzyme as potent cancer therapeutics. 2023 , 226, 473-484	1
71	Autoimmune Pancreatitis Presenting as a Mass in the Head of the Pancreas: A Diagnosis to Differentiate from Cancer. 2003 , 69, 363-366	0
70	Ratiometric and Discriminative Visualization of Autophagy and Apoptosis with a Single Fluorescent Probe Based on the Aggregation/Monomer Principle. 2022 , 94, 17885-17894	0
69	African Swine Fever Virus Infection and Cytokine Response In Vivo: An Update. 2023 , 15, 233	0

68	Cutting Edge: Lymphocyte Inhibitor of TRAIL (TNF-Related Apoptosis-Inducing Ligand): A New Receptor Protecting Lymphocytes from the Death Ligand TRAIL. 1998 , 160, 3-6	24
67	The c-Jun N-Terminal Kinase Cascade Plays a Role in Stress-Induced Apoptosis in Jurkat Cells by Up-Regulating Fas Ligand Expression. 1998 , 160, 134-144	48
66	Perforin-Deficient CD8+ T Cells Provide Immunity to <i>Listeria monocytogenes</i> by a Mechanism That Is Independent of CD95 and IFN- γ but Requires TNF- α . 1998 , 160, 898-905	25
65	A Role for Perforin in Activation-Induced Cell Death. 1998 , 160, 2655-2664	14
64	Activation of Caspase 3 (CPP32)-Like Proteases Is Essential for TNF- α -Induced Hepatic Parenchymal Cell Apoptosis and Neutrophil-Mediated Necrosis in a Murine Endotoxin Shock Model. 1998 , 160, 3480-3486	58
63	Transgenic Expression of Fas in T Cells Blocks Lymphoproliferation But Not Autoimmune Disease in MRL-lpr Mice. 1998 , 160, 3805-3811	18
62	Disparate Roles for TNF- α and Fas Ligand in Concanavalin A-Induced Hepatitis. 1998 , 160, 4082-4089	31
61	Differential Susceptibility to Activation-Induced Apoptosis Among Peripheral Th1 Subsets: Correlation with Bcl-2 Expression and Consequences for AIDS Pathogenesis. 1998 , 160, 3194-3206	29
60	Fas Ligand-Induced Apoptosis of Infected Human Macrophages Reduces the Viability of Intracellular <i>Mycobacterium tuberculosis</i> . 1998 , 160, 5448-5454	41
59	Influenza A Virus-Induced IFN- γ and IL-18 Synergistically Enhance IFN- γ Gene Expression in Human T Cells. 1998 , 160, 6032-6038	55
58	Differential Involvement of a Fas-CPP32-Like Protease Pathway in Apoptosis of TCR/CD9-Costimulated, Naive T Cells and TCR-Restimulated, Activated T Cells. 1998 , 160, 5790-5796	1
57	A Comparison of Signaling Requirements for Apoptosis of Human B Lymphocytes Induced by the B Cell Receptor and CD95/Fas. 1998 , 161, 168-174	15
56	Fas/Fas Ligand Interactions Are Involved in Ultraviolet-B-Induced Human Lymphocyte Apoptosis. 1998 , 161, 241-251	19
55	Monocyte-Dependent Death of Freshly Isolated T Lymphocytes: Induction by Phorbol ester and Mitogens and Differential Effects of Catalase. 1998 , 161, 1248-1256	12
54	Cutting Edge: A Newly Identified Response Element in the CD95 Ligand Promoter Contributes to Optimal Inducibility in Activated T Lymphocytes. 1998 , 161, 1078-1082	14
53	Human Melanoma-Reactive CD4+ and CD8+ CTL Clones Resist Fas Ligand-Induced Apoptosis and Use Fas/Fas Ligand-Independent Mechanisms for Tumor Killing. 1998 , 161, 1220-1230	21
52	Granulysin-Induced Apoptosis. I. Involvement of at Least Two Distinct Pathways. 1998 , 161, 1758-1764	35
51	TNF-Related Apoptosis-Inducing Ligand (TRAIL) Induces Apoptosis in Fas Ligand-Resistant Melanoma Cells and Mediates CD4 T Cell Killing of Target Cells. 1998 , 161, 2195-2200	55

50	The Regulation of CD95 Ligand Expression and Function in CTL. 1998 , 161, 3943-3949	21
49	FLIP Prevents Apoptosis Induced by Death Receptors But Not by Perforin/Granzyme B, Chemotherapeutic Drugs, and Gamma Irradiation. 1998 , 161, 3936-3942	46
48	Apoptosis of Epithelial Cells and Macrophages Due to Infection with the Obligate Intracellular Pathogen <i>Chlamydia psittaci</i> . 1998 , 161, 4220-4226	25
47	Molecular Mechanisms of Immune-Mediated Lysis of Murine Renal Cancer: Differential Contributions of Perforin-Dependent Versus Fas-Mediated Pathways in Lysis by NK and T Cells. 1998 , 161, 3957-3965	25
46	Cutting Edge: Chemotactic Activity of Soluble Fas Ligand Against Phagocytes. 1998 , 161, 4484-4488	34
45	Redox Regulation of Caspase-3(-like) Protease Activity: Regulatory Roles of Thioredoxin and Cytochrome c. 1998 , 161, 6689-6695	31
44	Gene Therapy of Experimental Autoimmune Thyroiditis by In Vivo Administration of Plasmid DNA Coding for Fas Ligand. 1999 , 162, 603-608	4
43	Fas/Fas Ligand-Driven T Cell Apoptosis as a Consequence of Ineffective Thyroid Immunoprivilege in Hashimoto's Thyroiditis. 1999 , 162, 263-267	10
42	Elevation of Mitochondrial Transmembrane Potential and Reactive Oxygen Intermediate Levels Are Early Events and Occur Independently from Activation of Caspases in Fas Signaling. 1999 , 162, 1466-1479	36
41	CD95 (Fas/Apo-1) as a Receptor Governing Astrocyte Apoptotic or Inflammatory Responses: A Key Role in Brain Inflammation?. 1999 , 162, 2326-2333	22
40	Resistance to Fas-Mediated T Cell Apoptosis in Asthma. 1999 , 162, 1717-1722	8
39	Calcium-Dependent Activation of TNF Family Gene Expression by Ca ²⁺ /Calmodulin Kinase Type IV/Gr and Calcineurin. 1999 , 162, 2057-2063	11
38	Differential Activation of c-Jun NH ₂ -Terminal Kinase and p38 Pathways During FTY720-Induced Apoptosis of T Lymphocytes That Is Suppressed by the Extracellular Signal-Regulated Kinase Pathway. 1999 , 162, 3321-3326	13
37	Implication of TNF Receptor-I-Mediated Extracellular Signal-Regulated Kinases 1 and 2 (ERK1/2) Activation in Growth of AIDS-Associated Kaposi's Sarcoma Cells: A Possible Role of a Novel Death Domain Protein MADD in TNF- α -Induced ERK1/2 Activation in Kaposi's Sarcoma Cells. 1999 , 162, 3672-3679	5
36	Soluble Fas Ligand Is Chemotactic for Human Neutrophilic Polymorphonuclear Leukocytes. 1999 , 162, 3601-3606	31
35	A Tailless Fas-FADD Death-Effector Domain Chimera Is Sufficient to Execute Fas Function in T Cells But Not B Cells of MRL-lpr/lpr Mice. 1999 , 162, 2766-2774	1
34	Involvement of TNF-Related Apoptosis-Inducing Ligand in Human CD4 ⁺ T Cell-Mediated Cytotoxicity. 1999 , 162, 2639-2647	46
33	TCR Engagement Regulates Differential Responsiveness of Human Memory T Cells to Fas (CD95)-Mediated Apoptosis. 1999 , 162, 3851-3858	6

32	Dendritic Cells Undergo Rapid Apoptosis In Vitro During Antigen-Specific Interaction with CD4+ T Cells. 1999 , 162, 5287-5298	30
31	TNF- α and IL-10 Modulate the Induction of Apoptosis by Virulent Mycobacterium tuberculosis in Murine Macrophages. 1999 , 162, 6122-6131	33
30	Sensitization of AIDS-Kaposi's Sarcoma Cells to Apo-2 Ligand-Induced Apoptosis by Actinomycin D. 1999 , 162, 5616-5623	7
29	Impaired Allostimulatory Capacity of Peripheral Blood Dendritic Cells Recovered from Hepatitis C Virus-Infected Individuals. 1999 , 162, 5584-5591	46
28	TRAIL (Apo-2L) and TRAIL Receptors in Human Placentas: Implications for Immune Privilege. 1999 , 162, 6053-6059	25
27	Poxvirus-Encoded Serpins Do Not Prevent Cytolytic T Cell-Mediated Recovery from Primary Infections. 1999 , 162, 7315-7321	8
26	TNF- α -Mediated Apoptosis Is Initiated in Caveolae-Like Domains. 1999 , 162, 7217-7223	25
25	Resistance of Crohn's Disease T Cells to Multiple Apoptotic Signals Is Associated with a Bcl-2/Bax Mucosal Imbalance. 1999 , 163, 1081-1090	30
24	Differential Antitumor Effects of Administration of Recombinant IL-18 or Recombinant IL-12 Are Mediated Primarily by Fas-Fas Ligand- and Perforin-Induced Tumor Apoptosis, Respectively. 1999 , 163, 583-589	38
23	Immunogenicity of Apoptotic Cells In Vivo: Role of Antigen Load, Antigen-Presenting Cells, and Cytokines. 1999 , 163, 130-136	41
22	Inhibition of NF- κ B Activity in Human T Lymphocytes Induces Caspase-Dependent Apoptosis Without Detectable Activation of Caspase-1 and -3. 1999 , 163, 590-598	26
21	Fas Is Expressed Early in Human Thymocyte Development But Does Not Transmit an Apoptotic Signal. 1999 , 163, 1195-1204	3
20	Primed T Cells Are More Resistant to Fas-Mediated Activation-Induced Cell Death than Naive T Cells. 1999 , 163, 1315-1320	22
19	Generation of Nitric Oxide by the Inducible Nitric Oxide Synthase Protects T Cells from Mycobacterium tuberculosis-Induced Apoptosis. 1999 , 163, 1570-1576	6
18	Expression and Function of TNF-Related Apoptosis-Inducing Ligand on Murine Activated NK Cells. 1999 , 163, 1906-1913	27
17	Induction of Allograft Tolerance in the Absence of Fas-Mediated Apoptosis. 1999 , 163, 2500-2507	13
16	Tumor Regression After Adoptive Transfer of Effector T Cells Is Independent of Perforin or Fas Ligand (APO-1L/CD95L). 1999 , 163, 4462-4472	9
15	TNF Receptor p55 Is Required for Elimination of Inflammatory Cells Following Control of Intracellular Pathogens. 1999 , 163, 3883-3889	6

14	Selective Up-Regulation of Phosphatidylinositol 3?-Kinase Activity in Th2 Cells Inhibits Caspase-8 Cleavage at the Death-Inducing Complex: A Mechanism for Th2 Resistance from Fas-Mediated Apoptosis. 1999 , 163, 4772-4779	13
13	In Vivo Evidence That Caspase-3 Is Required for Fas-Mediated Apoptosis of Hepatocytes. 1999 , 163, 4909-4916	17
12	Constitutive Expression and Role of the TNF Family Ligands in Apoptotic Killing of Tumor Cells by Human NK Cells. 1999 , 163, 5358-5366	28
11	Protein Kinase C Cooperates with Calcineurin to Induce Fas Ligand Expression During Activation-Induced T Cell Death. 1999 , 163, 5813-5819	29
10	Nuclear Imaging of CAR T Immunotherapy to Solid Tumors: In Terms of Biodistribution, Viability, and Cytotoxic Effect. 2200293	0
9	NF- κ B and COX-2 Relation Between Endometrial Cancer and the Clinicopathological Parameters. 2022 , 12, 1025-1031	0
8	Challenges in forensic genetic investigations of decomposed or skeletonized human remains: Environmental exposure, DNA degradation, inhibitors, and low copy number (LCN). 2023 , 15-36	0
7	The protective roles of allicin on type 1 diabetes mellitus through AMPK/mTOR mediated autophagy pathway. 14,	0
6	CD95/Fas ligand mRNA is toxic to cells through more than one mechanism. 2023 , 4,	0
5	Surveying the landscape of emerging and understudied cell death mechanisms. 2023 , 1870, 119432	1
4	DUSP1 mediates BCG induced apoptosis and inflammatory response in THP-1 cells via MAPKs/NF- κ B signaling pathway. 2023 , 13,	0
3	Impact of H9N2 Infection on the Pathological and Immunological Effects of the IBD Vaccine in Chicks: A Study of Vaccine Interaction and Immune Response.	0
2	The protective roles of liraglutide on Kawasaki disease via AMPK/mTOR/NF- κ B pathway. 2023 , 117, 110028	0
1	The potential role of the KFG and KITLG proteins in preventing granulosa cell apoptosis in Bubalus bubalis. 2023 , 21,	0