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## Toll-like receptors

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2251	Dual topology of functional Toll-like receptor 3 expression in human hepatocellular carcinoma: Differential signaling mechanisms of TLR3-induced NF- $\kappa$ B activation and apoptosis. <b>1992</b> , 33, 929		11
2250	The Arabidopsis thaliana-pseudomonas syringae interaction. <b>2002</b> , 1, e0039		297
2249	Toll-like receptors: balancing host resistance with immune tolerance. <b>2003</b> , 15, 677-82		113
2248	Mucin and Toll-like receptors in host defense against intestinal parasites. <b>2003</b> , 19, 305-11		148
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2246	Inhibition of T helper 2-type responses, IgE production and eosinophilia by synthetic lipopeptides. <b>2003</b> , 33, 2717-26		95
2245	Essential role for TLR4 and MyD88 in the development of chronic intestinal nematode infection. <b>2003</b> , 33, 2974-9		71
2244	Do microbes influence the pathogenesis of allergic diseases? Building the case for Toll-like receptor ligands. <b>2003</b> , 15, 614-9		28
2243	Innate immunity: from lymphocyte mitogens to Toll-like receptors and back. <b>2003</b> , 15, 599-602		24
2242	From cells to signaling cascades: manipulation of innate immunity by Toxoplasma gondii. <b>2003</b> , 39, 193-203		72
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2240	TAK1-mediated induction of nitric oxide synthase gene expression in glial cells. <b>2003</b> , 87, 238-47		24
2239	Immunology: dangerous liaisons. <b>2003</b> , 425, 460-1		36
2238	Toll gets tied in a knot. <b>2003</b> , 4, 723-4		3
2237	Toll-like receptor 5 recognizes a conserved site on flagellin required for protofilament formation and bacterial motility. <b>2003</b> , 4, 1247-53		614
2236	Adjuvants and their signaling pathways: beyond TLRs. <b>2003</b> , 4, 1162-4		20
2235	The NKT cell system: bridging innate and acquired immunity. <b>2003</b> , 4, 1164-5		195

2234	TRAM is specifically involved in the Toll-like receptor 4-mediated MyD88-independent signaling pathway. <b>2003</b> , 4, 1144-50	818
2233	Recent advances in the discovery and delivery of vaccine adjuvants. <b>2003</b> , 2, 727-35	302
2232	Poly(I-C)-induced Toll-like receptor 3 (TLR3)-mediated activation of NFkappa B and MAP kinase is through an interleukin-1 receptor-associated kinase (IRAK)-independent pathway employing the signaling components TLR3-TRAF6-TAK1-TAB2-PKR. <b>2003</b> , 278, 16713-9	232
2231	Polymorphism in clinical immunology - From HLA typing to immunogenetic profiling. <b>2003</b> , 1, 8	78
2230	Toll-like receptor signaling pathways. <b>2003</b> , 300, 1524-5	1032
2229	Pathophysiological roles for IL-18 in inflammatory arthritis. <b>2003</b> , 7, 701-24	32
2228	Lipopolysaccharide interaction with cell surface Toll-like receptor 4-MD-2: higher affinity than that with MD-2 or CD14. <b>2003</b> , 198, 1035-42	313
2227	Septic mice are susceptible to pulmonary aspergillosis. <b>2003</b> , 163, 2605-17	63
2226	Role of chemokines in the development of secondary and tertiary lymphoid tissues. <b>2003</b> , 15, 243-8	40
2225	Toll-like receptors. <i>Annual Review of Immunology</i> , <b>2003</b> , 21, 335-76	34.7 4550
2224	Role of adaptor TRIF in the MyD88-independent toll-like receptor signaling pathway. <b>2003</b> , 301, 640-3	2452
2223	A mammalian peptidoglycan recognition protein with N-acetylmuramoyl-L-alanine amidase activity. <b>2003</b> , 306, 988-94	134
2222	Sequential MyD88-independent and -dependent activation of innate immune responses to intracellular bacterial infection. <b>2003</b> , 19, 891-901	177
2221	Myeloid differentiation (MyD) primary response genes in hematopoiesis. <b>2003</b> , 31, 213-28	41
2220	The Toll-IL-1 receptor adaptor family grows to five members. <b>2003</b> , 24, 286-90	405
2219	PI3K and negative regulation of TLR signaling. <b>2003</b> , 24, 358-63	508
2218	Poly's plea: membership to the club of APCs. <b>2003</b> , 24, 485-90	45
2217	Leucine-rich repeats and pathogen recognition in Toll-like receptors. <b>2003</b> , 24, 528-33	564

2216	Assembly of cell regulatory systems through protein interaction domains. <b>2003</b> , 300, 445-52	1170
2215	Biodegradable nanoparticle mediated antigen delivery to human cord blood derived dendritic cells for induction of primary T cell responses. <b>2003</b> , 11, 495-507	92
2214	Signaling advances from immunogenetics to immunogenomics. <b>2003</b> , 4, 239	1
2213	Role of TLR4/MD-2 and RP105/MD-1 in innate recognition of lipopolysaccharide. <b>2003</b> , 35, 568-72	60
2212	Antisense modulation of Toll-like receptor 4 expression. <b>2003</b> , 13, 1887-1889	
2211	Cell distributions and functions of Toll-like receptor 4 studied by fluorescent gene constructs. <b>2003</b> , 35, 660-4	24
2210	Expression profiling via novel multiplex assay allows rapid assessment of gene regulation in defined signalling pathways. <b>2003</b> , 31, e153	130
2209	Pneumococcal lipoteichoic acid (LTA) is not as potent as staphylococcal LTA in stimulating Toll-like receptor 2. <b>2003</b> , 71, 5541-8	147
2208	Role of nod2 in the response of macrophages to toll-like receptor agonists. <b>2003</b> , 23, 7531-9	226
2207	Ecsit-ement on the crossroads of Toll and BMP signal transduction. <b>2003</b> , 17, 2855-9	29
2206	Imiquimod: a topically applied link between innate and acquired immunity. <b>2003</b> , 139, 1347-50	43
2205	Cutting edge: protective cell-mediated immunity to <i>Listeria monocytogenes</i> in the absence of myeloid differentiation factor 88. <b>2003</b> , 171, 533-7	64
2204	Cell surface expression of an endoplasmic reticulum resident heat shock protein gp96 triggers MyD88-dependent systemic autoimmune diseases. <b>2003</b> , 100, 15824-9	159
2203	Acylation state of the phosphatidylinositol hexamannosides from <i>Mycobacterium bovis</i> bacillus Calmette Guerin and <i>mycobacterium tuberculosis</i> H37Rv and its implication in Toll-like receptor response. <b>2003</b> , 278, 29880-9	179
2202	Differential contribution of Toll-like receptors 4 and 2 to the cytokine response to <i>Salmonella enterica</i> serovar Typhimurium and <i>Staphylococcus aureus</i> in mice. <b>2003</b> , 71, 6058-62	63
2201	Cellular recognition of tri-/di-palmitoylated peptides is independent from a domain encompassing the N-terminal seven leucine-rich repeat (LRR)/LRR-like motifs of TLR2. <b>2003</b> , 278, 39822-9	60
2200	Cholera toxin promotes the induction of regulatory T cells specific for bystander antigens by modulating dendritic cell activation. <b>2003</b> , 171, 2384-92	130
2199	Vaccination with plasmid DNA activates dendritic cells via Toll-like receptor 9 (TLR9) but functions in TLR9-deficient mice. <b>2003</b> , 171, 5908-12	180

2198	Sublethal hyperoxia impairs pulmonary innate immunity. <b>2003</b> , 171, 955-63	79
2197	A common dominant TLR5 stop codon polymorphism abolishes flagellin signaling and is associated with susceptibility to legionnaires' disease. <b>2003</b> , 198, 1563-72	513
2196	Importance of extra- and intracellular domains of TLR1 and TLR2 in NFkappa B signaling. <b>2003</b> , 162, 1099-110	101
2195	How do oxidized phospholipids inhibit LPS signaling?. <b>2003</b> , 23, 1133-6	12
2194	Regulation of dendritic cell function through toll-like receptors. <b>2003</b> , 3, 759-71	104
2193	New model for studying the migration of immune cells into intestinal epithelial cell monolayers. <b>2003</b> , 43, 57-64	3
2192	Immunologic regulation of toll-like receptors in gut epithelium. <b>2003</b> , 19, 559-64	23
2191	Current World Literature. <b>2003</b> , 3, 401-408	1
2190	IL-12 Production Induced by Agaricus blazei Fraction H (ABH) Involves Toll-like Receptor (TLR). <b>2004</b> , 1, 259-267	38
2189	[Protagonists of innate immunity during in Salmonella infections]. <b>2004</b> , 20, 1119-24	0
2188	CpG DNA-mediated immune response in pulmonary endothelial cells. <b>2004</b> , 287, L552-8	69
2187	B cell/antibody tolerance to our own antigens. <b>2004</b> , 9, 3019-28	2
2186	Mechanisms and models of peripheral CD4 T cell self-tolerance. <b>2004</b> , 9, 2947-63	10
2185	An introduction to the human-microbe symbiosis. <b>2004</b> , 1-50	1
2184	Modulation of Immune Functions by Foods. <b>2004</b> , 1, 241-250	53
2183	Expression of toll-like receptor 4 and its associated lipopolysaccharide receptor complex by resident antigen-presenting cells in the human uvea. <b>2004</b> , 45, 1871-8	77
2182	Toll-Like Receptors. <b>2004</b> , 190-194	
2181	CAM and NK Cells. <b>2004</b> , 1, 17-27	46

2180	Shaping Adaptive Immunity against Pathogens: The Contribution of Innate Immune Responses. <b>2004</b> , 17-50	
2179	Lung inflammation as a therapeutic target in cystic fibrosis. <b>2004</b> , 31, 377-81	86
2178	Non-mannose-capped lipoarabinomannan induces lung inflammation via toll-like receptor 2. <b>2004</b> , 170, 1367-74	41
2177	New and emerging vaccination strategies for prevention and treatment of dermatological diseases. <b>2004</b> , 3, 421-31	3
2176	Poxvirus protein N1L targets the I-kappaB kinase complex, inhibits signaling to NF-kappaB by the tumor necrosis factor superfamily of receptors, and inhibits NF-kappaB and IRF3 signaling by toll-like receptors. <b>2004</b> , 279, 36570-8	191
2175	Human but not murine toll-like receptor 2 discriminates between tri-palmitoylated and tri-lauroylated peptides. <b>2004</b> , 279, 48004-12	56
2174	Toll-like receptor 2 and Toll-like receptor 4 expression in human adrenals. <b>2004</b> , 36, 470-3	58
2173	Cholestatic interleukin-6-deficient mice succumb to endotoxin-induced liver injury and pulmonary inflammation. <b>2004</b> , 169, 413-20	25
2172	Toll-like receptor 3: a link between toll-like receptor, interferon and viruses. <b>2004</b> , 48, 147-54	139
2171	Innate immunity in the malaria vector <i>Anopheles gambiae</i> : comparative and functional genomics. <b>2004</b> , 207, 2551-63	106
2170	Adoptive Immunotherapy: Methods and Protocols. <b>2004</b> ,	
2169	Contribution of <i>Burkholderia cenocepacia</i> flagella to infectivity and inflammation. <b>2004</b> , 72, 5126-34	72
2168	Use of murine embryonic fibroblasts to define Toll-like receptor activation and specificity. <b>2004</b> , 10, 419-424	56
2167	Role of Toll-like receptor 4 in gram-positive and gram-negative pneumonia in mice. <b>2004</b> , 72, 788-94	203
2166	NF-kappaB is essential for induction of CYLD, the negative regulator of NF-kappaB: evidence for a novel inducible autoregulatory feedback pathway. <b>2004</b> , 279, 36171-4	143
2165	A toll for T cell costimulation. <b>2004</b> , 63 Suppl 2, ii76-ii78	15
2164	LRR-containing receptors regulating plant development and defense. <b>2004</b> , 131, 251-61	204
2163	Detection of IKKbeta-IKKgamma subcomplexes in monocytic cells and characterization of associated signaling. <b>2004</b> , 279, 37452-60	9

2162	Analysis of the major patterns of B cell gene expression changes in response to short-term stimulation with 33 single ligands. <b>2004</b> , 173, 7141-9	48
2161	Innate immune responses in peptidoglycan recognition protein L-deficient mice. <b>2004</b> , 24, 7949-57	46
2160	Nod1 is an essential signal transducer in intestinal epithelial cells infected with bacteria that avoid recognition by toll-like receptors. <b>2004</b> , 72, 1487-95	203
2159	Lipopolysaccharide activation of the TPL-2/MEK/extracellular signal-regulated kinase mitogen-activated protein kinase cascade is regulated by IkappaB kinase-induced proteolysis of NF-kappaB1 p105. <b>2004</b> , 24, 9658-67	164
2158	Intracellular bacterial infection-induced IFN-gamma is critically but not solely dependent on Toll-like receptor 4-myeloid differentiation factor 88-IFN-alpha beta-STAT1 signaling. <b>2004</b> , 172, 6345-53	54
2157	Activation of airway epithelial cells by toll-like receptor agonists. <b>2004</b> , 31, 358-64	392
2156	Induction of antiviral immunity requires Toll-like receptor signaling in both stromal and dendritic cell compartments. <b>2004</b> , 101, 16274-9	101
2155	Differential regulation of IgG anti-capsular polysaccharide and antiprotein responses to intact <i>Streptococcus pneumoniae</i> in the presence of cognate CD4+ T cell help. <b>2004</b> , 172, 532-9	71
2154	Beta-defensin-2 expression is regulated by TLR signaling in intestinal epithelial cells. <b>2004</b> , 173, 5398-405	290
2153	Endogenous ligands of Toll-like receptors. <b>2004</b> , 76, 514-9	540
2152	p38 activation through Toll-like receptors modulates IFN-gamma-induced expression of the Tap-1 gene only in macrophages. <b>2004</b> , 75, 560-8	7
2151	Toll-like receptor 2 is required for optimal control of <i>Listeria monocytogenes</i> infection. <b>2004</b> , 72, 2131-9	144
2150	Mycobacterial purified protein derivatives stimulate innate immunity: Malawians show enhanced tumor necrosis factor alpha, interleukin-1beta (IL-1beta), and IL-10 responses compared to those of adolescents in the United Kingdom. <b>2004</b> , 72, 1807-11	19
2149	<i>Toxoplasma gondii</i> triggers myeloid differentiation factor 88-dependent IL-12 and chemokine ligand 2 (monocyte chemoattractant protein 1) responses using distinct parasite molecules and host receptors. <b>2004</b> , 172, 6954-60	86
2148	Cell activation by Toll-like receptors: role of LBP and CD14. <b>2004</b> , 10, 413-418	14
2147	Functional genomics of lung disease. Second annual Pittsburgh International Lung Conference, October 2003. <b>2004</b> , 31, S1-81	10
2146	A genetic basis for the "Adonis" phenotype of low adiposity and strong bones. <b>2004</b> , 18, 1282-4	56
2145	Replication-dependent potent IFN-alpha induction in human plasmacytoid dendritic cells by a single-stranded RNA virus. <b>2004</b> , 173, 5935-43	175

2144	Toll-like receptor 2 plays a role in the early inflammatory response to murine pneumococcal pneumonia but does not contribute to antibacterial defense. <b>2004</b> , 172, 3132-8	229
2143	Influence of coinfecting pathogens on HIV expression: evidence for a role of Toll-like receptors. <b>2004</b> , 172, 7229-34	82
2142	Papillomavirus-like particles stimulate murine bone marrow-derived dendritic cells to produce alpha interferon and Th1 immune responses via MyD88. <b>2004</b> , 78, 11152-60	88
2141	Secretory leucoprotease inhibitor impairs Toll-like receptor 2- and 4-mediated responses in monocytic cells. <b>2004</b> , 72, 3684-7	77
2140	Staphylococcal enterotoxins condition cells of the innate immune system for Toll-like receptor 4 stimulation. <b>2004</b> , 16, 1751-60	21
2139	The major surface protein of Wolbachia endosymbionts in filarial nematodes elicits immune responses through TLR2 and TLR4. <b>2004</b> , 173, 437-45	169
2138	Injury, sepsis, and the regulation of Toll-like receptor responses. <b>2004</b> , 75, 400-7	113
2137	CpG oligodeoxynucleotides block human immunodeficiency virus type 1 replication in human lymphoid tissue infected ex vivo. <b>2004</b> , 78, 12344-54	39
2136	Endotoxin signaling in human macrophages: signaling via an alternate mechanism. <b>2004</b> , 10, 445-452	4
2135	Regulatory role of Toll-like receptor 2 during infection with Trypanosoma cruzi. <b>2004</b> , 10, 425-430	23
2134	Helicobacter pylori flagellin evades toll-like receptor 5-mediated innate immunity. <b>2004</b> , 189, 1914-20	220
2133	Increased ratio of tumor necrosis factor-alpha to interleukin-10 production is associated with Schistosoma haematobium-induced urinary-tract morbidity. <b>2004</b> , 190, 2020-30	38
2132	Intestinal inflammation in mice deficient in Tir8, an inhibitory member of the IL-1 receptor family. <b>2004</b> , 101, 3522-6	220
2131	Role of a transductional-transcriptional processor complex involving MyD88 and IRF-7 in Toll-like receptor signaling. <b>2004</b> , 101, 15416-21	416
2130	Innate immunity of the sinonasal cavity: expression of messenger RNA for complement cascade components and toll-like receptors. <b>2004</b> , 130, 1374-80	70
2129	TLR-independent pattern recognition receptors and anti-inflammatory mechanisms. <b>2004</b> , 10, 120-124	9
2128	Inflammatory bowel disease: autoimmune or immune-mediated pathogenesis?. <b>2004</b> , 11, 195-204	108
2127	Helminth antigens modulate TLR-initiated dendritic cell activation. <b>2004</b> , 173, 7454-61	200



2126	Human B cells express functional TRAIL/Apo-2 ligand after CpG-containing oligodeoxynucleotide stimulation. <b>2004</b> , 173, 892-9	77
2125	IL-6 and IL-10 induction from dendritic cells in response to Mycobacterium tuberculosis is predominantly dependent on TLR2-mediated recognition. <b>2004</b> , 173, 3392-7	113
2124	Expression of functional TLR4 confers proinflammatory responsiveness to Trypanosoma cruzi glycoinositolphospholipids and higher resistance to infection with T. cruzi. <b>2004</b> , 173, 5688-96	182
2123	Stimulation of toll-like receptor 2 by Coxiella burnetii is required for macrophage production of pro-inflammatory cytokines and resistance to infection. <b>2004</b> , 279, 54405-15	67
2122	Cutting edge: TLR4 activation mediates liver ischemia/reperfusion inflammatory response via IFN regulatory factor 3-dependent MyD88-independent pathway. <b>2004</b> , 173, 7115-9	400
2121	Human apolipoprotein A-IV reduces secretion of proinflammatory cytokines and atherosclerotic effects of a chronic infection mimicked by lipopolysaccharide. <b>2004</b> , 24, 756-61	76
2120	A20 inhibits toll-like receptor 2- and 4-mediated interleukin-8 synthesis in airway epithelial cells. <b>2004</b> , 31, 330-6	91
2119	MyD88 is required for mounting a robust host immune response to Streptococcus pneumoniae in the CNS. <b>2004</b> , 127, 1437-45	128
2118	In vitro and ex vivo activation of the TLR5 signaling pathway in intestinal epithelial cells by a commensal Escherichia coli strain. <b>2004</b> , 279, 42984-92	143
2117	TLR9 is localized in the endoplasmic reticulum prior to stimulation. <b>2004</b> , 173, 1179-83	272
2116	Divergent trophoblast responses to bacterial products mediated by TLRs. <b>2004</b> , 173, 4286-96	223
2115	Dendritic cells pulsed with live and dead Legionella pneumophila elicit distinct immune responses. <b>2004</b> , 172, 1727-34	45
2114	Mycobacterium tuberculosis inhibits macrophage responses to IFN-gamma through myeloid differentiation factor 88-dependent and -independent mechanisms. <b>2004</b> , 172, 6272-80	170
2113	A complex of soluble MD-2 and lipopolysaccharide serves as an activating ligand for Toll-like receptor 4. <b>2004</b> , 279, 34698-704	85
2112	Alerting dendritic cells to pathogens: the importance of Toll-like receptor signaling of stromal cells. <b>2004</b> , 101, 16083-4	10
2111	TLR3-, TLR7-, and TLR9-mediated production of proinflammatory cytokines and chemokines from murine connective tissue type skin-derived mast cells but not from bone marrow-derived mast cells. <b>2004</b> , 173, 531-41	215
2110	Mucosally delivered Salmonella live vector vaccines elicit potent immune responses against a foreign antigen in neonatal mice born to naive and immune mothers. <b>2004</b> , 72, 4637-46	44
2109	IFN regulatory factor 3-dependent induction of type I IFNs by intracellular bacteria is mediated by a TLR- and Nod2-independent mechanism. <b>2004</b> , 173, 7416-25	171

2108	Lipopolysaccharide and double-stranded RNA up-regulate toll-like receptor 2 independently of myeloid differentiation factor 88. <b>2004</b> , 279, 39727-35	45
2107	Structure-activity relationship of synthetic toll-like receptor 4 agonists. <b>2004</b> , 279, 4440-9	113
2106	Mechanisms of TLR9 activation. <b>2004</b> , 10, 406-412	33
2105	Distinct activation signals determine whether IL-21 induces B cell costimulation, growth arrest, or Bim-dependent apoptosis. <b>2004</b> , 173, 657-65	216
2104	Distinct modulatory effects of LPS and CpG on IL-18-dependent IFN-gamma synthesis. <b>2004</b> , 172, 1754-62	23
2103	Defective development of splenic and epidermal CD4+ dendritic cells in mice deficient for IFN regulatory factor-2. <b>2004</b> , 101, 3909-14	105
2102	Ligand-regulated chimeric receptor approach reveals distinctive subcellular localization and signaling properties of the Toll-like receptors. <b>2004</b> , 279, 19008-17	187
2101	Herpes simplex virus 1 interaction with Toll-like receptor 2 contributes to lethal encephalitis. <b>2004</b> , 101, 1315-20	500
2100	Necessity of oligonucleotide aggregation for toll-like receptor 9 activation. <b>2004</b> , 279, 33071-8	72
2099	Dendritic cell-specific intercellular adhesion molecule 3-grabbing nonintegrin mediates binding and internalization of <i>Aspergillus fumigatus</i> conidia by dendritic cells and macrophages. <b>2004</b> , 173, 5635-43	175
2098	Dermatitis due to epiregulin deficiency and a critical role of epiregulin in immune-related responses of keratinocyte and macrophage. <b>2004</b> , 101, 13921-6	64
2097	TLR2 is expressed on activated T cells as a costimulatory receptor. <b>2004</b> , 101, 3029-34	384
2096	Signaling through Toll-like receptors triggers HIV-1 replication in latently infected mast cells. <b>2004</b> , 172, 4391-401	85
2095	<i>Trypanosoma cruzi</i> and its components as exogenous mediators of inflammation recognized through Toll-like receptors. <b>2004</b> , 13, 139-43	40
2094	Innate sensing of viruses by toll-like receptors. <b>2004</b> , 78, 7867-73	203
2093	Use of murine embryonic fibroblasts to define Toll-like receptor activation and specificity. <b>2004</b> , 10, 419-24	59
2092	An inflammatory cascade leading to hyperresistinemia in humans. <b>2004</b> , 1, e45	361
2091	Cutting edge: myeloid differentiation factor 88 is essential for pulmonary host defense against <i>Pseudomonas aeruginosa</i> but not <i>Staphylococcus aureus</i> . <b>2004</b> , 172, 3377-81	160

2090	Interferon response induced by Toll-like receptor signaling. <b>2004</b> , 10, 252-6	38
2089	Lipopolysaccharide stimulates nitric oxide synthase-2 expression in murine skeletal muscle and C(2)C(12) myoblasts via Toll-like receptor-4 and c-Jun NH(2)-terminal kinase pathways. <b>2004</b> , 287, C1605-15	46
2088	Regulatory role of Toll-like receptor 2 during infection with <i>Trypanosoma cruzi</i> . <b>2004</b> , 10, 425-30	60
2087	Liposome-encapsulated CpG oligodeoxynucleotides as a potent adjuvant for inducing type 1 innate immunity. <b>2004</b> , 64, 8754-60	103
2086	Induction of nuclear factor- kappa B and c-Jun/activator protein-1 via toll-like receptor 2 in macrophages by antimycotic-treated <i>Candida albicans</i> . <b>2004</b> , 190, 1318-26	38
2085	Signaling danger: toll-like receptors and their potential roles in kidney disease. <b>2004</b> , 15, 854-67	301
2084	TLR-independent pattern recognition receptors and anti-inflammatory mechanisms. <b>2004</b> , 10, 120-4	11
2083	Ligand-dependent Toll-like receptor 4 (TLR4)-oligomerization is directly linked with TLR4-signaling. <b>2004</b> , 10, 257-60	28
2082	Cell activation by Toll-like receptors: role of LBP and CD14. <b>2004</b> , 10, 413-8	30
2081	Mechanisms of TLR9 activation. <b>2004</b> , 10, 406-12	47
2080	Endotoxin signaling in human macrophages: signaling via an alternate mechanism. <b>2004</b> , 10, 445-52	5
2079	Controlling the Toll road to dendritic cell polarization. <b>2004</b> , 75, 721-30	173
2078	Basic immunology, allergen prediction, and bioinformatics. <b>2004</b> , 59, 1011-2	7
2077	Polymorphisms of toll-like receptor 2 and 4 genes in rheumatoid arthritis and systemic lupus erythematosus. <b>2004</b> , 63, 54-7	104
2076	Apoptosis paves the detour path for CD8 T cell activation against intracellular bacteria. <b>2004</b> , 6, 599-607	72
2075	Muramyl dipeptide and diaminopimelic acid-containing desmuramylpeptides in combination with chemically synthesized Toll-like receptor agonists synergistically induced production of interleukin-8 in a NOD2- and NOD1-dependent manner, respectively, in human monocytic cells in culture. <b>2005</b> , 7, 53-61	166
2074	Disabling surveillance: bacterial type III secretion system effectors that suppress innate immunity. <b>2004</b> , 6, 1027-40	141
2073	Cytokines as adjuvants for avian vaccines. <b>2004</b> , 82, 638-43	55

2072	The critical role of type-1 innate and acquired immunity in tumor immunotherapy. <b>2004</b> , 95, 697-703	125
2071	Double-stranded RNA activates RANTES gene transcription through co-operation of nuclear factor-kappaB and interferon regulatory factors in human airway epithelial cells. <b>2004</b> , 34, 745-52	46
2070	Stimulation of toll-like receptor 2 in mononuclear cells from HIV-infected patients induces chemokine responses: possible pathogenic consequences. <b>2004</b> , 138, 116-21	16
2069	ASC is essential for LPS-induced activation of procaspase-1 independently of TLR-associated signal adaptor molecules. <b>2004</b> , 9, 1055-67	157
2068	T lymphocyte dependence of the antibody response to 'T lymphocyte independent type 2' antigens. <b>2004</b> , 111, 1-7	43
2067	The potential for Toll-like receptors to collaborate with other innate immune receptors. <b>2004</b> , 112, 521-30	116
2066	Histamine induces Toll-like receptor 2 and 4 expression in endothelial cells and enhances sensitivity to Gram-positive and Gram-negative bacterial cell wall components. <b>2004</b> , 113, 224-33	88
2065	In vivo exposure of murine dendritic cell and macrophage bone marrow progenitors to the phosphorylcholine-containing filarial nematode glycoprotein ES-62 polarizes their differentiation to an anti-inflammatory phenotype. <b>2004</b> , 113, 491-8	58
2064	Neisseria meningitidis-induced death of cerebrovascular endothelium: mechanisms triggering transcriptional activation of inducible nitric oxide synthase. <b>2004</b> , 89, 1166-74	28
2063	Epithelial responses in airway inflammation and immunity. <b>2004</b> , 4, 176-182	4
2062	Innate immunity in aging: impact on macrophage function. <b>2004</b> , 3, 161-7	324
2061	Multiple facets of macrophages in renal injury. <b>2004</b> , 66, 542-57	110
2060	Minireview: functions of the renal tract epithelium in coordinating the innate immune response to infection. <b>2004</b> , 66, 1334-44	43
2059	The body as fortress: innate immune surveillance. <b>2004</b> , 87 Suppl1, 30-4	1
2058	Vaccines that facilitate antigen entry into dendritic cells. <b>2004</b> , 82, 506-16	154
2057	Shaping of adaptive immune responses to soluble proteins by TLR agonists: a role for IFN-alpha/beta. <b>2004</b> , 82, 596-602	83
2056	Modulating vaccine responses with dendritic cells and Toll-like receptors. <b>2004</b> , 199, 227-50	259
2055	Role of the Toll/interleukin-1 receptor signaling pathway in host resistance and pathogenesis during infection with protozoan parasites. <b>2004</b> , 201, 9-25	78

2054	Manipulation of mitogen-activated protein kinase/nuclear factor-kappaB-signaling cascades during intracellular <i>Toxoplasma gondii</i> infection. <b>2004</b> , 201, 191-205	71
2053	The role of cytokine DNAs as vaccine adjuvants for optimizing cellular immune responses. <b>2004</b> , 202, 266-74	92
2052	Is targeting Toll-like receptors and their signaling pathway a useful therapeutic approach to modulating cytokine-driven inflammation?. <b>2004</b> , 202, 250-65	152
2051	Induction of allergic inflammation by interleukin-18 in experimental animal models. <b>2004</b> , 202, 115-38	68
2050	Lymphotoxin and LIGHT signaling pathways and target genes. <b>2004</b> , 202, 49-66	174
2049	Signaling in transitional type 2 B cells is critical for peripheral B-cell development. <b>2004</b> , 197, 161-78	100
2048	Comparative and functional genomics of the innate immune system in the malaria vector <i>Anopheles gambiae</i> . <b>2004</b> , 198, 127-48	196
2047	Vaccine development strategies for improving immunization: the role of modern immunology. <b>2004</b> , 5, 460-4	142
2046	Differential regulation of interleukin 1 receptor and Toll-like receptor signaling by MEKK3. <b>2004</b> , 5, 98-103	226
2045	ST2 is an inhibitor of interleukin 1 receptor and Toll-like receptor 4 signaling and maintains endotoxin tolerance. <b>2004</b> , 5, 373-9	427
2044	Triad3A, an E3 ubiquitin-protein ligase regulating Toll-like receptors. <b>2004</b> , 5, 495-502	299
2043	A Bcl-2-dependent molecular timer regulates the lifespan and immunogenicity of dendritic cells. <b>2004</b> , 5, 583-9	152
2042	CD8+ T cell contraction is controlled by early inflammation. <b>2004</b> , 5, 809-17	267
2041	The ubiquitin-modifying enzyme A20 is required for termination of Toll-like receptor responses. <b>2004</b> , 5, 1052-60	899
2040	Toll-like receptor control of the adaptive immune responses. <b>2004</b> , 5, 987-95	3232
2039	Interferon-alpha induction through Toll-like receptors involves a direct interaction of IRF7 with MyD88 and TRAF6. <b>2004</b> , 5, 1061-8	790
2038	Plasmacytoid dendritic cells in immunity. <b>2004</b> , 5, 1219-26	1315
2037	Cancer immunotherapy: moving beyond current vaccines. <b>2004</b> , 10, 909-15	2369

2036	An innately interesting decade of research in immunology. <b>2004</b> , 10, 1307-20	111
2035	Immune surveillance in the skin: mechanisms and clinical consequences. <b>2004</b> , 4, 211-22	565
2034	Innate immunity to malaria. <b>2004</b> , 4, 169-80	458
2033	Hydrophobicity: an ancient damage-associated molecular pattern that initiates innate immune responses. <b>2004</b> , 4, 469-78	940
2032	Toll-like receptor signalling. <b>2004</b> , 4, 499-511	6402
2031	Therapeutics targeting the innate immune system. <b>2004</b> , 4, 512-20	259
2030	IL-18 gene therapy develops Th1-type immune responses in Leishmania major-infected BALB/c mice: is the effect mediated by the CpG signaling TLR9?. <b>2004</b> , 11, 941-8	35
2029	Chronic pneumonia despite adaptive immune response to Mycobacterium bovis BCG in MyD88-deficient mice. <b>2004</b> , 84, 1305-21	29
2028	Cdc42 and mDia3 regulate microtubule attachment to kinetochores. <b>2004</b> , 428, 767-71	168
2027	Bacterial disease resistance in Arabidopsis through flagellin perception. <b>2004</b> , 428, 764-7	1254
2026	Regulation of Toll/IL-1-receptor-mediated gene expression by the inducible nuclear protein I $\kappa$ Bzeta. <b>2004</b> , 430, 218-22	392
2025	Lipocalin 2 mediates an innate immune response to bacterial infection by sequestering iron. <b>2004</b> , 432, 917-21	1292
2024	A FADD-dependent innate immune mechanism in mammalian cells. <b>2004</b> , 432, 401-5	243
2023	Innate immunity and apoptosis in IBD. <b>2004</b> , 10 Suppl 1, S58-62	27
2022	Molecular aspects of intestinal epithelial cell-bacterial interactions that determine the development of intestinal inflammation. <b>2004</b> , 10, 159-68	37
2021	Co-stimulation and plaque-antigen-specific T-cell responses in atherosclerosis. <b>2004</b> , 14, 166-72	19
2020	A toll-like receptor-based two-hybrid assay for detecting protein-protein interactions on live eukaryotic cells. <b>2004</b> , 292, 175-86	
2019	Measurement of daughter cell accumulation during lymphocyte proliferation in vivo. <b>2004</b> , 295, 79-87	20

2018	Innate immunity in the retina: Toll-like receptor (TLR) signaling in human retinal pigment epithelial cells. <b>2004</b> , 153, 7-15	185
2017	Novel functions of proteins encoded by viral stress-inducible genes. <b>2004</b> , 103, 245-59	131
2016	Exploiting toll-like receptors for designed multiple ligands. <b>2004</b> , 9, 1038-9	
2015	Neutrophils, dendritic cells and Toxoplasma. <b>2004</b> , 34, 411-21	73
2014	Molecular cloning of the chicken ST2 gene and a novel variant form of the ST2 gene product, ST2LV. <b>2004</b> , 1681, 1-14	35
2013	Host defense against pulmonary infection in neonates. <b>2004</b> , 4, 205-223	8
2012	Yersinia V antigen induces both TLR homo- and heterotolerance in an IL-10-involving manner. <b>2004</b> , 231, 63-74	19
2011	Cytokine polymorphism and its possible impact on cancer. <b>2004</b> , 30, 181-90	24
2010	A toll-like receptor that prevents infection by uropathogenic bacteria. <b>2004</b> , 303, 1522-6	826
2009	Cross-reactivity of T lymphocytes in infection and autoimmunity. <b>2004</b> , 8, 271-80	34
2008	Signaling to NF-kappaB. <b>2004</b> , 18, 2195-224	3083
2007	Ligand-dependent Toll-like receptor 4 (TLR4)-oligomerization is directly linked with TLR4-signaling. <b>2004</b> , 10, 257-260	32
2006	Cancer immunotherapy: a treatment for the masses. <b>2004</b> , 305, 200-5	492
2005	Interaction between the immune system and tumor cells: cutaneous disorders as a consequence of autoimmunity and immunosuppression. <b>2004</b> , 1028, 375-9	4
2004	Recognition of fungal pathogens by Toll-like receptors. <b>2004</b> , 23, 672-6	97
2003	Targeting split vaccines to the endosome improves vaccination. <b>2004</b> , 15, 538-42	14
2002	Toll-like receptor 2 is dispensable for acquired host immune resistance to Candida albicans in a murine model of disseminated candidiasis. <b>2004</b> , 6, 542-8	45
2001	Host subversion by formation of intracellular bacterial communities in the urinary tract. <b>2004</b> , 6, 1094-101	79

2000	Viruses and Toll-like receptors. <b>2004</b> , 6, 1356-60	46
1999	<i>Drosophila melanogaster</i> innate immunity: an emerging role for peptidoglycan recognition proteins in bacteria detection. <b>2004</b> , 61, 537-546	15
1998	Genetic analysis of Toll/Interleukin-1 Receptor (TIR) domain sequences from rhesus macaque Toll-like receptors (TLRs) 1-10 reveals high homology to human TLR/TIR sequences. <b>2004</b> , 56, 667-74	28
1997	Toll-like Receptors and Sepsis. <b>2004</b> , 6, 361-366	26
1996	Antitumor applications of stimulating toll-like receptor 9 with CpG oligodeoxynucleotides. <b>2004</b> , 6, 88-95	182
1995	Stimulation of human Toll-like receptor (TLR) 2 and TLR6 with membrane lipoproteins of <i>Mycoplasma fermentans</i> induces apoptotic cell death after NF-kappa B activation. <b>2004</b> , 6, 187-99	122
1994	Characterization of flagellin expression and its role in <i>Listeria monocytogenes</i> infection and immunity. <b>2004</b> , 6, 235-42	126
1993	Identification of a TLR4- and TRIF-dependent activation program of dendritic cells. <b>2004</b> , 34, 558-64	100
1992	The effects of endothelin-1 on degranulation, cytokine, and growth factor production by skin-derived mast cells. <b>2004</b> , 34, 1910-9	59
1991	Frontline: control of <i>Anaplasma phagocytophilum</i> , an obligate intracellular pathogen, in the absence of inducible nitric oxide synthase, phagocyte NADPH oxidase, tumor necrosis factor, Toll-like receptor (TLR)2 and TLR4, or the TLR adaptor molecule MyD88. <b>2004</b> , 34, 1789-97	52
1990	Mini-review: the role of peptidoglycan recognition in innate immunity. <b>2004</b> , 34, 1777-82	102
1989	<i>Lactobacillus casei</i> reduces CD8+ T cell-mediated skin inflammation. <b>2004</b> , 34, 2520-8	128
1988	Toll-like receptor 9 binds single-stranded CpG-DNA in a sequence- and pH-dependent manner. <b>2004</b> , 34, 2541-50	429
1987	CC chemokine receptor 2 regulates leukocyte recruitment and IL-10 production during acute polymicrobial sepsis. <b>2004</b> , 34, 3664-73	32
1986	Direct enumeration and functional assessment of circulating dendritic cells in patients with liver disease. <b>2004</b> , 40, 335-45	106
1985	Selective priming to Toll-like receptor 4 (TLR4), not TLR2, ligands by <i>P. acnes</i> involves up-regulation of MD-2 in mice. <b>2004</b> , 40, 555-64	58
1984	Synthesis and biological evaluation of a lipid A derivative that contains an aminogluconate moiety. <b>2004</b> , 10, 4798-807	18
1983	Toll-like receptors and microbes take aim at each other. <b>2004</b> , 16, 483-7	55



1982	Toll-like receptor-2 is essential in murine defenses against <i>Candida albicans</i> infections. <b>2004</b> , 6, 1-7	164
1981	Pathogenesis and host responses in human onchocerciasis: impact of <i>Onchocerca filariae</i> and <i>Wolbachia endobacteria</i> . <b>2004</b> , 6, 113-28	131
1980	Toll-like receptor pathways in the immune responses to mycobacteria. <b>2004</b> , 6, 946-59	216
1979	Toll-like receptors: linking innate and adaptive immunity. <b>2004</b> , 6, 1382-7	349
1978	Pleiotropic function of Toll-like receptors. <b>2004</b> , 6, 1388-94	105
1977	Bacterial products increase expression of the human cathelicidin hCAP-18/LL-37 in cultured human sinus epithelial cells. <b>2004</b> , 42, 225-31	39
1976	Interferon-gamma is an autocrine mediator for dendritic cell maturation. <b>2004</b> , 94, 141-51	78
1975	Cytokine induction in human cord blood lymphocytes after pulsing with UV-inactivated influenza viruses. <b>2004</b> , 94, 201-7	4
1974	Inherited disorders of NF-kappaB-mediated immunity in man. <b>2004</b> , 16, 34-41	166
1973	Toll-like receptors as key mediators in innate antifungal immunity. <b>2004</b> , 42, 485-98	177
1972	Immunological foundations to the quest for new vaccine adjuvants. <b>2004</b> , 18, 79-93	41
1971	Innate immune responses in respiratory syncytial virus infections. <b>2004</b> , 17, 220-33	45
1970	Microglia initiate central nervous system innate and adaptive immune responses through multiple TLRs. <b>2004</b> , 173, 3916-24	909
1969	Differential activation of the NF-kappaB-like factors Relish and Dif in <i>Drosophila melanogaster</i> by fungi and Gram-positive bacteria. <b>2004</b> , 279, 21121-7	73
1968	Glucocorticoids suppress inflammation but spare innate immune responses in airway epithelium. <b>2004</b> , 1, 222-30	115
1967	Lipopolysaccharide-binding protein critically regulates lipopolysaccharide-induced IFN-beta signaling pathway in human monocytes. <b>2004</b> , 172, 6185-94	49
1966	In vivo targeting of antigens to maturing dendritic cells via the DEC-205 receptor improves T cell vaccination. <b>2004</b> , 199, 815-24	759
1965	Saturated fatty acid activates but polyunsaturated fatty acid inhibits Toll-like receptor 2 dimerized with Toll-like receptor 6 or 1. <b>2004</b> , 279, 16971-9	350

1964	Toll-like receptors and their role in the development of autoimmune diseases. <b>2004</b> , 37, 183-8	59
1963	Inhibition of major histocompatibility complex II expression and antigen processing in murine alveolar macrophages by <i>Mycobacterium bovis</i> BCG and the 19-kilodalton mycobacterial lipoprotein. <b>2004</b> , 72, 2101-10	88
1962	Customized antigens for desensitizing allergic patients. <b>2004</b> , 84, 79-129	13
1961	Innate immunity in the lung: how epithelial cells fight against respiratory pathogens. <b>2004</b> , 23, 327-33	424
1960	Innate antiviral responses by means of TLR7-mediated recognition of single-stranded RNA. <b>2004</b> , 303, 1529-31	2629
1959	Functions of NF-kappaB1 and NF-kappaB2 in immune cell biology. <b>2004</b> , 382, 393-409	469
1958	Inflammatory gene profiles in gastric mucosa during <i>Helicobacter pylori</i> infection in humans. <b>2004</b> , 172, 2595-606	74
1957	Gene expression analysis suggests that 1,25-dihydroxyvitamin D3 reverses experimental autoimmune encephalomyelitis by stimulating inflammatory cell apoptosis. <b>2004</b> , 18, 141-51	83
1956	Synthesis of thiol-reactive lipopeptide adjuvants. Incorporation into liposomes and study of their mitogenic effect on mouse splenocytes. <b>2004</b> , 15, 541-53	30
1955	Toll-like receptors 9 and 3 as essential components of innate immune defense against mouse cytomegalovirus infection. <b>2004</b> , 101, 3516-21	766
1954	Possible Roles of Toll-like Receptor 2/6 and Extracellular ATP in Mycoplasmal Membrane Lipoprotein-induced Cell Activation and Death. <b>2004</b> , 46, 278-288	
1953	Toll-like receptors and the host defense against microbial pathogens: bringing specificity to the innate-immune system. <b>2004</b> , 75, 749-55	207
1952	Toll-like receptor 9 signaling mediates the anti-inflammatory effects of probiotics in murine experimental colitis. <b>2004</b> , 126, 520-8	721
1951	Gastrointestinal dendritic cells play a role in immunity, tolerance, and disease. <b>2004</b> , 127, 300-9	106
1950	Airway peptidoglycan and immunostimulatory DNA exposures have divergent effects on the development of airway allergen hypersensitivities. <b>2004</b> , 113, 448-54	71
1949	Genetics, epigenetics, and the environment: switching, buffering, releasing. <b>2004</b> , 113, 381-6; quiz 387	131
1948	Microbial recognition by Toll-like receptors. <b>2004</b> , 34, 73-82	211
1947	Naturally arising CD4+ regulatory t cells for immunologic self-tolerance and negative control of immune responses. <i>Annual Review of Immunology</i> , <b>2004</b> , 22, 531-62	34.7 2798

1946	Immunopathogenesis of brain abscess. <b>2004</b> , 1, 16	81
1945	The stimulation of Toll-like receptors by nuclear antigens: a link between apoptosis and autoimmunity. <b>2004</b> , 30, 559-74, ix	22
1944	Interferon response induced by Toll-like receptor signaling. <b>2004</b> , 10, 252-256	36
1943	Species-specific recognition of single-stranded RNA via toll-like receptor 7 and 8. <b>2004</b> , 303, 1526-9	2925
1942	Direct Toll-like receptor 2 mediated co-stimulation of T cells in the mouse system as a basis for chronic inflammatory joint disease. <b>2004</b> , 6, R433-46	68
1941	The role of death-associated molecular patterns in the pathogenesis of systemic lupus erythematosus. <b>2004</b> , 30, 487-504, viii	14
1940	Recognition of commensal microflora by toll-like receptors is required for intestinal homeostasis. <b>2004</b> , 118, 229-41	3222
1939	One nucleotide in a kappaB site can determine cofactor specificity for NF-kappaB dimers. <b>2004</b> , 118, 453-64	343
1938	At the crossroads of inflammation and cancer. <b>2004</b> , 118, 671-4	438
1937	Trichomonas vaginalis infection activates cells through toll-like receptor 4. <b>2004</b> , 111, 103-7	35
1936	Polymorphisms of the lipopolysaccharide-signaling complex in inflammatory bowel disease: association of a mutation in the Toll-like receptor 4 gene with ulcerative colitis. <b>2004</b> , 112, 85-91	179
1935	Is innate enough? The innate immune response in Drosophila. <b>2004</b> , 327, 557-70	23
1934	Myeloid cells. <b>2004</b> , 36, 1374-9	38
1933	Autoimmunity induced by adjuvant hydrocarbon oil components of vaccine. <b>2004</b> , 58, 325-37	87
1932	Lipopolysaccharide signaling induces serum amyloid A (SAA) synthesis in human hepatocytes in vitro. <b>2004</b> , 569, 235-9	27
1931	Langerhans cells exhibit low responsiveness to double-stranded RNA. <b>2004</b> , 319, 832-9	31
1930	CpG oligodeoxynucleotides directly induce CXCR3 chemokines in human B cells. <b>2004</b> , 320, 1139-47	20
1929	Identification of a novel isoform of MD-2 that downregulates lipopolysaccharide signaling. <b>2004</b> , 323, 1103-8	22

1928	Nontypeable Haemophilus influenzae lipoprotein P6 induces MUC5AC mucin transcription via TLR2-TAK1-dependent p38 MAPK-AP1 and IKKbeta-IkappaBalpha-NF-kappaB signaling pathways. <b>2004</b> , 324, 1087-94	114
1927	Murine peptidoglycan recognition proteins Pglyrplalpha and Pglyrplbeta are encoded in the epidermal differentiation complex and are expressed in epidermal and hematopoietic tissues. <b>2004</b> , 83, 1151-63	31
1926	Role of PPARgamma in macrophage biology and atherosclerosis. <b>2004</b> , 15, 500-5	67
1925	Toll-like receptors and innate antifungal responses. <b>2004</b> , 12, 44-9	128
1924	The role of Paneth cells and their antimicrobial peptides in innate host defense. <b>2004</b> , 12, 394-8	84
1923	Toll-like receptors as an escape mechanism from the host defense. <b>2004</b> , 12, 484-8	190
1922	A systems approach to dissecting immunity and inflammation. <b>2004</b> , 16, 55-67	63
1921	Toll-like receptors and acquired immunity. <b>2004</b> , 16, 23-6	161
1920	Sensing infection in Drosophila: Toll and beyond. <b>2004</b> , 16, 43-53	89
1919	Primary immunisation of hepatitis C virus (HCV)-specific antibody producing B cells by lipidated peptides. <b>2004</b> , 22, 1441-7	4
1918	CEL-1000--a peptide with adjuvant activity for Th1 immune responses. <b>2004</b> , 22, 2368-73	17
1917	Innate immune responses during infection. <b>2004</b> , 22 Suppl 1, S25-30	36
1916	Toll-like receptor 2-deficient mice succumb to Mycobacterium tuberculosis infection. <b>2004</b> , 164, 49-57	269
1915	Antigen delivery by dendritic cells. <b>2004</b> , 294, 337-44	26
1914	CpG-DNA as immune response modifier. <b>2004</b> , 294, 345-54	25
1913	Toll-dependent control mechanisms of CD4 T cell activation. <b>2004</b> , 21, 733-41	317
1912	TRAIL-R as a negative regulator of innate immune cell responses. <b>2004</b> , 21, 877-89	206
1911	Yin-Yang regulation of autoimmunity by DCs. <b>2004</b> , 25, 353-9	44

1910	The immunobiology of the TLR9 subfamily. <b>2004</b> , 25, 381-6	283
1909	A central role for tissue-resident dendritic cells in innate responses. <b>2004</b> , 25, 650-4	47
1908	Innate immunity via Toll-like receptors and Nod proteins. <b>2004</b> , 7, 25-32	112
1907	Toll-like receptor 4 (TLR4) does not confer a resistance advantage on mice against low-dose aerosol infection with virulent type A Francisella tularensis. <b>2004</b> , 37, 185-91	45
1906	Expression of IL-6 and TNF-alpha in human alveolar epithelial cells is induced by invading, but not by adhering, Legionella pneumophila. <b>2004</b> , 37, 295-302	21
1905	TIR domain-containing adaptors define the specificity of TLR signaling. <b>2004</b> , 40, 861-8	289
1904	Recognition and function in a degenerate immune system. <b>2004</b> , 40, 1003-8	24
1903	Genetic dissection of antigen receptor induced-NF-kappaB activation. <b>2004</b> , 41, 701-14	40
1902	Infectious non-self recognition in invertebrates: lessons from Drosophila and other insect models. <b>2004</b> , 41, 1063-75	59
1901	Regulation of phagosome maturation by signals from toll-like receptors. <b>2004</b> , 304, 1014-8	815
1900	Exploiting Dendritic Cells for Active Immunotherapy of Cancer and Chronic Infection. <b>2005</b> , 001-018	
1899	Regulation of dendritic cell trafficking by the ADP-ribosyl cyclase CD38: impact on the development of humoral immunity. <b>2004</b> , 20, 279-91	173
1898	Protein kinase C epsilon: a new target to control inflammation and immune-mediated disorders. <b>2004</b> , 36, 183-8	67
1897	Unraveling the molecular details involved in the intimate link between the immune and neuroendocrine systems. <b>2004</b> , 229, 996-1006	81
1896	Toll-like receptor 2 (TLR2)-dependent-positive and TLR2-independent-negative regulation of proinflammatory cytokines by mycobacterial lipomannans. <b>2004</b> , 172, 4425-34	207
1895	Pattern recognition receptors and their involvement in the pathogenesis of arthritis. <b>2004</b> , 16, 411-8	21
1894	Fatty acid-mediated inhibition of IL-12 production by murine macrophages is independent of PPARgamma. <b>2004</b> , 91, 733-9	14
1893	Interface between alloimmunity and autoimmunity. <b>2004</b> , 9, 23-28	2

1892	Innate immunity and mucosal bacterial interactions in the intestine. <b>2004</b> , 20, 82-8	51
1891	Interaction between resident luminal bacteria and the host: can a healthy relationship turn sour?. <b>2004</b> , 38, 123-36	60
1890	Induction of systemic TH1-like innate immunity in normal volunteers following subcutaneous but not intravenous administration of CPG 7909, a synthetic B-class CpG oligodeoxynucleotide TLR9 agonist. <b>2004</b> , 27, 460-71	168
1889	Manipulating dendritic cell biology for the active immunotherapy of cancer. <b>2004</b> , 104, 2235-46	278
1888	Distinct pathways of LPS-induced NF-kappa B activation and cytokine production in human myeloid and nonmyeloid cells defined by selective utilization of MyD88 and Mal/TIRAP. <b>2004</b> , 103, 2229-37	161
1887	OSCAR is an FcRgamma-associated receptor that is expressed by myeloid cells and is involved in antigen presentation and activation of human dendritic cells. <b>2004</b> , 104, 1386-95	80
1886	p38 MAPK activation controls the TLR3-mediated up-regulation of cytotoxicity and cytokine production in human NK cells. <b>2004</b> , 104, 4157-64	99
1885	Combinational clustering of receptors following stimulation by bacterial products determines lipopolysaccharide responses. <b>2004</b> , 381, 527-36	122
1884	Host-bacterial interactions in inflammatory bowel disease. <b>2004</b> , 107, 331-41	79
1883	Different staphylococcal strains elicit different levels of production of T-helper 1-inducing cytokines. <b>2004</b> , 51, 371-84	4
1882	First encounter: how pathogens compromise epithelial transport. <b>2004</b> , 19, 240-4	16
1881	Dendritic Cells (T-lymphocyte Stimulating). <b>2005</b> ,	1
1880	New adjuvants for parenteral and mucosal vaccines. <b>2005</b> , 60, 235-41	14
1879	Translating MAPK Inhibitors To Anti-Inflammatory Compounds. <b>2005</b> , 1, 75-84	1
1878	Identification of a peptide derived from vaccinia virus A52R protein that inhibits cytokine secretion in response to TLR-dependent signaling and reduces in vivo bacterial-induced inflammation. <b>2005</b> , 174, 3006-14	46
1877	Toll-like receptors and the eye. <b>2005</b> , 5, 451-8	11
1876	The role of toll-like receptor 9 in the intestine. <b>2005</b> , 21, 360-2	3
1875	Improved survival in mice given systemic gene therapy in a gram negative pneumonia model. <b>2005</b> , 58, 1110-8; discussion 1118	10

1874	The role of postischemic reperfusion injury and other nonantigen-dependent inflammatory pathways in transplantation. <b>2005</b> , 79, 505-14	190
1873	Defining the antigen-specific T-cell response to vaccination and poly(I:C)/TLR3 signaling: evidence of enhanced primary and memory CD8 T-cell responses and antitumor immunity. <b>2005</b> , 28, 220-8	113
1872	Cutting edge: TLR ligands are not sufficient to break cross-tolerance to self-antigens. <b>2005</b> , 174, 1159-63	58
1871	IL-10 gene-deficient mice lack TGF-beta/Smad signaling and fail to inhibit proinflammatory gene expression in intestinal epithelial cells after the colonization with colitogenic Enterococcus faecalis. <b>2005</b> , 174, 2990-9	99
1870	The Induction of Dendritic Cell Activation and Maturation by Toll-Like Receptor Signaling. <b>2005</b> , 147-161	
1869	Type I interferon system and IRF family of transcription factors in host defense regulation. <b>2005</b> , 81, 1-13	1
1868	Bovine mammary epithelial cells, initiators of innate immune responses to mastitis. <b>2005</b> , 45, 757	16
1867	Expression of MHC II genes. <b>2005</b> , 290, 147-70	45
1866	Innate immunity. <b>2005</b> , 40 Suppl 1, S13-5	1
1865	Introduction to immune cell signalling. <b>2005</b> , 130 Suppl, S3-9	10
1864	Evasion of innate immunity by vaccinia virus. <b>2005</b> , 130 Suppl, S11-25	69
1863	Subversion of immune cell signal transduction pathways by the secreted filarial nematode product, ES-62. <b>2005</b> , 130 Suppl, S63-8	18
1862	A candidate gene approach of immune mediators effecting the susceptibility to and severity of upper gastrointestinal tract diseases in relation to Helicobacter pylori and Epstein-Barr virus infections. <b>2005</b> , 17, 1213-24	8
1861	Innate Immunity in the Lungs to Cryptococcal Infection. <b>2005</b> , 135-155	1
1860	Discovery of novel immunostimulants by dendritic-cell-based functional screening. <b>2005</b> , 106, 3082-9	48
1859	Fc receptor gamma-chain activation via hOSCAR induces survival and maturation of dendritic cells and modulates Toll-like receptor responses. <b>2005</b> , 105, 3623-32	33
1858	PPAR-gamma agonists inhibit toll-like receptor-mediated activation of dendritic cells via the MAP kinase and NF-kappaB pathways. <b>2005</b> , 106, 3888-94	153
1857	Distinct roles for the NF-kappaB1 and c-Rel transcription factors in the differentiation and survival of plasmacytoid and conventional dendritic cells activated by TLR-9 signals. <b>2005</b> , 106, 3457-64	71

1856	Src homology 2 domain-containing inositol-5-phosphatase 1 (SHIP1) negatively regulates TLR4-mediated LPS response primarily through a phosphatase activity- and PI-3K-independent mechanism. <b>2005</b> , 105, 4685-92	111
1855	Systemic administration of a TLR7 ligand leads to transient immune incompetence due to peripheral-blood leukocyte depletion. <b>2005</b> , 106, 2424-32	89
1854	Vav proteins are required for B-lymphocyte responses to LPS. <b>2005</b> , 106, 635-40	41
1853	Interferons (IFNs) are key cytokines in both innate and adaptive antiviral immune responses--and viruses counteract IFN action. <b>2005</b> , 7, 569-78	76
1852	Microbial compounds induce the expression of pro-inflammatory cytokines, chemokines and human beta-defensin-2 in vaginal epithelial cells. <b>2005</b> , 7, 1117-27	116
1851	Toll-like receptor 2 antagonists. Part 1: preliminary SAR investigation of novel synthetic phospholipids. <b>2005</b> , 15, 5494-8	13
1850	A novel negative regulator for IL-1 receptor and Toll-like receptor 4. <b>2005</b> , 96, 27-31	29
1849	Toll-like receptor 9 is expressed on follicle-associated epithelia containing M cells in swine Peyer's patches. <b>2005</b> , 98, 83-9	63
1848	Heat shock up-regulates TLR9 expression in human B cells through activation of ERK and NF-kappaB signal pathways. <b>2005</b> , 98, 153-9	15
1847	Radiation-induced cell death and dendritic cells: potential for cancer immunotherapy?. <b>2005</b> , 17, 1-11	26
1846	Signaling in B cells via Toll-like receptors. <b>2005</b> , 17, 230-6	171
1845	Toll-like receptor activation in the pathogenesis of systemic lupus erythematosus. <b>2005</b> , 1062, 242-51	43
1844	Differential contribution of osteoclast- and osteoblast-lineage cells to CpG-oligodeoxynucleotide (CpG-ODN) modulation of osteoclastogenesis. <b>2005</b> , 20, 1692-9	25
1843	Plasmacytoid dendritic cells: in search of their niche in immune responses. <b>2005</b> , 32, 75-83	16
1842	Transcriptional response of bronchial epithelial cells to Pseudomonas aeruginosa: identification of early mediators of host defense. <b>2005</b> , 21, 324-36	73
1841	Pathogen recognition with Toll-like receptors. <b>2005</b> , 17, 338-44	443
1840	Toll-like receptor 2-mediated gene expression in epithelial cells during Helicobacter pylori infection. <b>2005</b> , 10, 193-204	47
1839	Expression and regulation of antimicrobial peptides in articular joints. <b>2005</b> , 187, 499-508	38



1838	Exploiting receptor biology for oral vaccination with biodegradable particulates. <b>2005</b> , 57, 431-50	56
1837	Experimental intrauterine Ureaplasma infection in sheep. <b>2005</b> , 192, 1179-86	81
1836	The effects of intra-amniotic injection of periodontopathic lipopolysaccharides in sheep. <b>2005</b> , 193, 313-21	42
1835	Toll-like receptor 4: a potential link between "danger signals," the innate immune system, and preeclampsia?. <b>2005</b> , 193, 921-7	135
1834	Superantigen recognition by HLA class II on monocytes up-regulates toll-like receptor 4 and enhances proinflammatory responses to endotoxin. <b>2005</b> , 105, 3655-62	44
1833	Tuning of inflammatory cytokines and toll-like receptors by TIR8/SIGIRR, a member of the IL-1 receptor family with unique structure and regulation. <b>2006</b> , 213-222	
1832	Inhibition of TLR-4/MD-2 signaling by RP105/MD-1. <b>2005</b> , 11, 363-368	18
1831	Toll-like receptors: linking innate and adaptive immunity. <b>2005</b> , 560, 11-8	379
1830	Signal transduction in Campylobacter jejuni-induced cytokine production. <b>2005</b> , 7, 655-65	76
1829	Chemically synthesized pathogen-associated molecular patterns increase the expression of peptidoglycan recognition proteins via toll-like receptors, NOD1 and NOD2 in human oral epithelial cells. <b>2005</b> , 7, 675-86	98
1828	Bacterial recognition and signalling by the Drosophila IMD pathway. <b>2005</b> , 7, 461-9	102
1827	How C-type lectins detect pathogens. <b>2005</b> , 7, 481-8	314
1826	Apoptosis signal-regulating kinase 1-mediated sustained p38 mitogen-activated protein kinase activation regulates mycoplasmal lipoprotein- and staphylococcal peptidoglycan-triggered Toll-like receptor 2 signalling pathways. <b>2005</b> , 7, 1305-17	42
1825	Association study of Toll-like receptor 9 gene polymorphism in Korean patients with systemic lupus erythematosus. <b>2005</b> , 65, 266-70	75
1824	Immunostimulants and Toll-like receptor ligands obtained by screening combinatorial lipopeptide collections. <b>2005</b> , 65, 375-83	13
1823	Comparison of select innate immune mechanisms of fish and mammals. <b>2005</b> , 12, 266-77	85
1822	Evidence of Toll-like receptor molecules on human platelets. <b>2005</b> , 83, 196-8	242
1821	Deviation from major codons in the Toll-like receptor genes is associated with low Toll-like receptor expression. <b>2005</b> , 114, 83-93	20

1820	Various members of the Toll-like receptor family contribute to the innate immune response of human epidermal keratinocytes. <b>2005</b> , 114, 531-41	277
1819	The flavonoid luteolin prevents lipopolysaccharide-induced NF-kappaB signalling and gene expression by blocking IkappaB kinase activity in intestinal epithelial cells and bone-marrow derived dendritic cells. <b>2005</b> , 115, 375-87	142
1818	Signalling mechanisms underlying subversion of the immune response by the filarial nematode secreted product ES-62. <b>2005</b> , 115, 296-304	45
1817	Innate mechanisms for Bifidobacterium lactis to activate transient pro-inflammatory host responses in intestinal epithelial cells after the colonization of germ-free rats. <b>2005</b> , 115, 441-50	96
1816	Toll-like receptors-2, -3 and -4 expression patterns on human colon and their regulation by mucosal-associated bacteria. <b>2005</b> , 115, 565-74	220
1815	Differential immune effects mediated by Toll-like receptors stimulation in precursor B-cell acute lymphoblastic leukaemia. <b>2006</b> , 132, 452-8	16
1814	Common human Toll-like receptor 9 polymorphisms and haplotypes: association with atopy and functional relevance. <b>2005</b> , 35, 1147-54	43
1813	Mammalian Toll-like receptors: to immunity and beyond. <b>2005</b> , 140, 395-407	168
1812	Salvia miltiorrhiza water-soluble extract, but not its constituent salvianolic acid B, abrogates LPS-induced NF-kappaB signalling in intestinal epithelial cells. <b>2005</b> , 141, 288-97	35
1811	Macrophage migration inhibitory factor contributes to the development of acute dextran sulphate sodium-induced colitis in Toll-like receptor 4 knockout mice. <b>2005</b> , 141, 412-21	30
1810	Tamm-Horsfall protein: a multilayered defence molecule against urinary tract infection. <b>2005</b> , 35, 227-35	68
1809	Sequence-dependent stimulation of the mammalian innate immune response by synthetic siRNA. <b>2005</b> , 23, 457-62	984
1808	Linking stress to immunity?. <b>2005</b> , 6, 541-2	19
1807	Negative regulation of Toll-like receptor 4 signaling by the Toll-like receptor homolog RP105. <b>2005</b> , 6, 571-8	313
1806	Selected Toll-like receptor agonist combinations synergistically trigger a T helper type 1-polarizing program in dendritic cells. <b>2005</b> , 6, 769-76	948
1805	IPS-1, an adaptor triggering RIG-I- and Mda5-mediated type I interferon induction. <b>2005</b> , 6, 981-8	1954
1804	Limiting inflammatory responses during activation of innate immunity. <b>2005</b> , 6, 1198-205	245
1803	Sequence-specific potent induction of IFN-alpha by short interfering RNA in plasmacytoid dendritic cells through TLR7. <b>2005</b> , 11, 263-70	1026

1802	Accelerated CD8+ T-cell memory and prime-boost response after dendritic-cell vaccination. <b>2005</b> , 11, 748-56	330
1801	Immunoregulatory functions of surfactant proteins. <b>2005</b> , 5, 58-68	749
1800	Inducible lymphoid tissues in the adult gut: recapitulation of a fetal developmental pathway?. <b>2005</b> , 5, 413-20	114
1799	Monocyte and macrophage heterogeneity. <b>2005</b> , 5, 953-64	3744
1798	Down-regulation of IL-8 expression in human airway epithelial cells through helper-dependent adenoviral-mediated RNA interference. <b>2005</b> , 15, 111-9	21
1797	Dectin-1 mediates macrophage recognition of <i>Candida albicans</i> yeast but not filaments. <b>2005</b> , 24, 1277-86	500
1796	Membrane repair and immunological danger. <b>2005</b> , 6, 826-30	29
1795	The physiological regulation of toll-like receptor expression and function in humans. <b>2005</b> , 563, 945-55	116
1794	Oligoclonal T cells in histiocytic necrotizing lymphadenopathy are associated with TLR9+ plasmacytoid dendritic cells. <b>2005</b> , 85, 267-75	4
1793	Challenges and successes in developing new therapies for hepatitis C. <b>2005</b> , 436, 953-60	370
1792	Control of B-cell responses by Toll-like receptors. <b>2005</b> , 438, 364-8	602
1791	The role of toll-like receptors in the pathogenesis and treatment of dermatological disease. <b>2005</b> , 125, 1-8	145
1790	Multiple pathways driving IgE production and chronic dermatitis in mice: a model for atopic dermatitis?. <b>2005</b> , 124, xi-xii	6
1789	Differential activation profiles of multiple transcription factors during dendritic cell maturation. <b>2005</b> , 124, 718-24	18
1788	Topical application of a novel immunomodulatory peptide, RDP58, reduces skin inflammation in the phorbol ester-induced dermatitis model. <b>2005</b> , 125, 473-81	60
1787	Old meets new: the interaction between innate and adaptive immunity. <b>2005</b> , 125, 629-37	111
1786	Inherited disorders of human Toll-like receptor signaling: immunological implications. <b>2005</b> , 203, 10-20	115
1785	Toll-like receptors, endogenous ligands, and systemic autoimmune disease. <b>2005</b> , 204, 27-42	337

1784	Interferons as pathogenic effectors in autoimmunity. <b>2005</b> , 204, 9-26	163
1783	Mucosal immunity and allergic responses: lack of regulation and/or lack of microbial stimulation?. <b>2005</b> , 206, 204-18	98
1782	The role of Toll-like receptor signalling in the pathogenesis of arthritis. <b>2005</b> , 233, 90-6	135
1781	Expression and function of Toll-like receptor on T cells. <b>2005</b> , 233, 85-9	72
1780	Subversion of immunological signalling by a filarial nematode phosphorylcholine-containing secreted product. <b>2005</b> , 17, 11-6	29
1779	Innate immunity and organ transplantation: the potential role of toll-like receptors. <b>2005</b> , 5, 969-75	101
1778	Pulmonary DNA vaccination: concepts, possibilities and perspectives. <b>2005</b> , 107, 1-29	63
1777	Innate immunity to mycobacterial infection in mice: critical role for toll-like receptors. <b>2005</b> , 85, 395-405	51
1776	Molecular regulation of Th2 immunity by dendritic cells. <b>2005</b> , 106, 75-96	17
1775	Toll-like receptors and their role in the trophoblast. <b>2005</b> , 26, 540-7	133
1774	Preferential expression and function of Toll-like receptor 3 in human astrocytes. <b>2005</b> , 159, 12-9	212
1773	The immunomodulating neuropeptide alpha-melanocyte-stimulating hormone (alpha-MSH) suppresses LPS-stimulated TLR4 with IRAK-M in macrophages. <b>2005</b> , 162, 43-50	65
1772	A pro- and an anti-inflammatory cytokine are synthesised in distinct brain macrophage cells during innate activation. <b>2005</b> , 170, 21-30	11
1771	Recognition of Staphylococcus aureus-derived peptidoglycan (PGN) but not intact bacteria is mediated by CD14 in microglia. <b>2005</b> , 170, 93-104	23
1770	A new carboxamide compound exerts immuno-suppressive activity by inhibiting dendritic cell maturation. <b>2005</b> , 35, 546-56	19
1769	Binding of lipopeptide to CD14 induces physical proximity of CD14, TLR2 and TLR1. <b>2005</b> , 35, 911-21	119
1768	Immunoregulatory effects of adenosine 5'-triphosphate on cytokine release from stimulated whole blood. <b>2005</b> , 35, 852-8	45
1767	A fusion product of the complete Borrelia burgdorferi outer surface protein A (OspA) and the hepatitis B virus capsid protein is highly immunogenic and induces protective immunity similar to that seen with an effective lipidated OspA vaccine formula. <b>2005</b> , 35, 655-65	47

1766	Adenosine and cAMP are potent inhibitors of the NF-kappa B pathway downstream of immunoreceptors. <b>2005</b> , 35, 31-41	142
1765	CpG ODN enhance antigen-specific NKT cell activation via plasmacytoid dendritic cells. <b>2005</b> , 35, 2347-57	64
1764	MyD88 is critical for the development of innate and adaptive immunity during acute lymphocytic choriomeningitis virus infection. <b>2005</b> , 35, 822-30	117
1763	CpG-activated Thy1.2+ dendritic cells protect against lethal <i>Listeria monocytogenes</i> infection. <b>2005</b> , 35, 2397-405	20
1762	Changes in systemic type 1 and type 2 immunity in normal pregnancy and pre-eclampsia may be mediated by natural killer cells. <b>2005</b> , 35, 3054-63	163
1761	Peptide-stimulated DO11.10 T cells divide well but accumulate poorly in the absence of TLR agonist treatment. <b>2005</b> , 35, 3196-208	8
1760	TLR8 and TLR7 are involved in the host's immune response to human parechovirus 1. <b>2005</b> , 35, 2416-23	64
1759	Toll-like receptor 2 (TLR2) is pivotal for recognition of <i>S. aureus</i> peptidoglycan but not intact bacteria by microglia. <b>2005</b> , 49, 567-76	109
1758	Double-stranded RNA signals antiviral and inflammatory programs and dysfunctional glutamate transport in TLR3-expressing astrocytes. <b>2005</b> , 52, 153-62	75
1757	Contribution of Toll-like receptor/myeloid differentiation factor 88 signaling to murine liver regeneration. <b>2005</b> , 41, 443-50	141
1756	Depressed tumor necrosis factor alpha and interleukin-12p40 production by peripheral blood mononuclear cells of gastric cancer patients: association with IL-1R-associated kinase-1 protein expression and disease stage. <b>2005</b> , 114, 144-52	4
1755	Rule-based modeling of biochemical networks. <b>2005</b> , 10, 22-41	95
1754	Endogenous interleukin-6, but not tumor necrosis factor alpha, contributes to the development of toll-like receptor 4/myeloid differentiation factor 88-mediated acute arthritis in mice. <b>2005</b> , 52, 2530-40	32
1753	Innate immunity conferred by Toll-like receptors 2 and 4 and myeloid differentiation factor 88 expression is pivotal to monosodium urate monohydrate crystal-induced inflammation. <b>2005</b> , 52, 2936-46	273
1752	Direct injection of plasmid DNA into the skin induces dermatitis by activation of monocytes through toll-like receptor 9. <b>2005</b> , 7, 664-71	14
1751	Identification and sequence analysis of chicken Toll-like receptors. <b>2005</b> , 56, 743-53	131
1750	Characterization of Toll-like receptor 3 gene in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <b>2005</b> , 57, 510-9	127
1749	Current and future concepts of abdominal sepsis. <b>2005</b> , 29, 3-9	21

1748	Natural endogenous adjuvants. <b>2005</b> , 26, 231-46	118
1747	A frequent toll-like receptor (TLR)-2 polymorphism is a risk factor for coronary restenosis. <b>2005</b> , 83, 478-85	66
1746	A new Toll-road from environment to genes for rheumatic fever?. <b>2005</b> , 83, 500-3	0
1745	A marvel of mucosal T cells and secretory antibodies for the creation of first lines of defense. <b>2005</b> , 62, 1308-21	56
1744	Innate immune relationship between commensal flora and the mammalian intestinal epithelium. <b>2005</b> , 62, 1339-48	61
1743	Contribution of microbial-associated molecules in innate mucosal responses. <b>2005</b> , 62, 1349-58	27
1742	Manipulation of innate immunity by bacterial pathogens. <b>2005</b> , 17, 25-8	37
1741	Ligand recognition by antigen-presenting cell C-type lectin receptors. <b>2005</b> , 17, 18-24	238
1740	Toll-like receptor 9 signaling can sensitize fibroblasts for apoptosis. <b>2005</b> , 97, 115-22	23
1739	Murine TLR2 expression analysis and systemic antagonism by usage of specific monoclonal antibodies. <b>2005</b> , 98, 200-7	7
1738	Are intestinal microbes our friend or foe?. <b>2005</b> , 40, 111-2	3
1737	The CD14 functional gene polymorphism -260 C>T is not involved in either the susceptibility to Chlamydia trachomatis infection or the development of tubal pathology. <b>2005</b> , 5, 114	20
1736	The host response to the probiotic Escherichia coli strain Nissle 1917: specific up-regulation of the proinflammatory chemokine MCP-1. <b>2005</b> , 6, 43	43
1735	Plasma membrane-focused proteomics: dramatic changes in surface expression during the maturation of human dendritic cells. <b>2005</b> , 5, 4001-11	39
1734	Neutrophil transepithelial migration: role of toll-like receptors in mucosal inflammation. <b>2005</b> , 100 Suppl 1, 191-8	26
1733	Inhibition of Toll Like Receptor immune responses by microbial pathogens. <b>2005</b> , 10, 582-7	31
1732	. <b>2005</b> ,	6
1731	Immune peptide enhancement of peptide based vaccines. <b>2005</b> , 10, 478-82	9

1730	Toll-like Receptors and their Adaptors in Innate Immunity. <b>2005</b> , 4, 3-11	1
1729	Failure of neutrophil migration toward infectious focus in severe sepsis: a critical event for the outcome of this syndrome. <b>2005</b> , 100 Suppl 1, 223-6	40
1728	[Toll-like receptor]. <b>2005</b> , 28, 309-17	9
1727	Therapeutic potential of microbes and microbial products in the management of human allergic asthma. <b>2005</b> , 15, 789-799	
1726	Spontaneous ocular surface inflammation and goblet cell disappearance in I kappa B zeta gene-disrupted mice. <b>2005</b> , 46, 579-88	50
1725	Regulatory T cells and the innate immune system. <b>2005</b> , 77-91	
1724	The role of toll-like receptors in herpes simplex infection in neonates. <b>2005</b> , 191, 746-8	84
1723	Immunomodulation with enterotoxins for the generation of secretory immunity or tolerance: applications for oral infections. <b>2005</b> , 84, 1104-16	51
1722	Evolution and integration of innate immune recognition systems: the Toll-like receptors. <b>2005</b> , 11, 51-5	68
1721	Heritable defects of the human TLR signalling pathways. <b>2005</b> , 11, 220-4	25
1720	Antibodies against human Toll-like receptors (TLRs): TLR distribution and localization in human dendritic cells. <b>2005</b> , 11, 369-74	18
1719	Inhibition of TLR-4/MD-2 signaling by RP105/MD-1. <b>2005</b> , 11, 363-8	41
1718	Linking the "two-hit" response following injury to enhanced TLR4 reactivity. <b>2005</b> , 77, 16-23	66
1717	Integrative Physiology in the Proteomics and Post-Genomics Age. <b>2005</b> ,	4
1716	Purification and characterization of deacylated and/or palmitoylated lipid A species unique to Salmonella enterica serovar Typhimurium. <b>2005</b> , 11, 57-61	12
1715	Intratumoural administration of dendritic cells: hostile environment and help by gene therapy. <b>2005</b> , 5, 7-22	11
1714	Toll-like receptor 9 controls anti-DNA autoantibody production in murine lupus. <b>2005</b> , 202, 321-31	426
1713	Toll-like receptor 2 signalling and inflammation. <b>2005</b> , 64 Suppl 4, iv104-5	8

1712	A Novel Molecule Designed to Keep Bacteria out of the Urinary Tract. <b>2005</b> , 16, 4-7	1
1711	A role for double-stranded RNA-activated protein kinase PKR in Mycobacterium-induced cytokine expression. <b>2005</b> , 175, 7218-25	49
1710	An outline of the role of anti-Candida antibodies within the context of passive immunization and protection from candidiasis. <b>2005</b> , 5, 377-82	43
1709	Events at the host-microbial interface of the gastrointestinal tract. II. Role of the intestinal epithelium in pathogen-induced inflammation. <b>2005</b> , 288, G854-9	35
1708	Non-replicating viral vector-based AIDS vaccines: interplay between viral vectors and the immune system. <b>2005</b> , 3, 157-81	17
1707	Interleukin-1, Neutrophil Elastase, and Lipopolysaccharide: Key Pro- Inflammatory Stimuli Regulating Inflammation in Cystic Fibrosis. <b>2005</b> , 1, 43-67	5
1706	Chemokines: Central Mediators of the Innate Response to Sepsis. <b>2005</b> , 1, 237-260	3
1705	MyD88-dependent and -independent murine cytomegalovirus sensing for IFN-alpha release and initiation of immune responses in vivo. <b>2005</b> , 175, 6723-32	174
1704	Inflammation and cancer: when NF-kappaB amalgamates the perilous partnership. <b>2005</b> , 5, 325-44	71
1703	Evolution and integration of innate immune systems from fruit flies to man: lessons and questions. <b>2005</b> , 11, 243-8	28
1702	Activation of toll-like receptor (TLR)2, TLR4, and TLR9 in the mammalian cornea induces MyD88-dependent corneal inflammation. <b>2005</b> , 46, 589-95	140
1701	Both CD1d antigen presentation and interleukin-12 are required to activate natural killer T cells during Trypanosoma cruzi infection. <b>2005</b> , 73, 1890-4	26
1700	Role of intestinal epithelial cells in immune effects mediated by gram-positive probiotic bacteria: involvement of toll-like receptors. <b>2005</b> , 12, 1075-84	112
1699	Ag85B of mycobacteria elicits effective CTL responses through activation of robust Th1 immunity as a novel adjuvant in DNA vaccine. <b>2005</b> , 175, 2541-7	31
1698	Interleukin (IL)-4 inhibits IL-10 to promote IL-12 production by dendritic cells. <b>2005</b> , 201, 1899-903	126
1697	Domain exchange between human toll-like receptors 1 and 6 reveals a region required for lipopeptide discrimination. <b>2005</b> , 280, 36616-25	110
1696	Essential role of the MyD88 pathway, but nonessential roles of TLRs 2, 4, and 9, in the adjuvant effect promoting Th1-mediated autoimmunity. <b>2005</b> , 175, 6303-10	119
1695	Interleukin-1 receptor-associated kinase-1 plays an essential role for Toll-like receptor (TLR)7- and TLR9-mediated interferon- $\alpha$ induction. <b>2005</b> , 201, 915-23	397



1694	Involvement of toll-like receptor 2 in experimental invasive pulmonary aspergillosis. <b>2005</b> , 73, 5420-5	91
1693	Early transcriptional response of human neutrophils to <i>Anaplasma phagocytophilum</i> infection. <b>2005</b> , 73, 8089-99	40
1692	Toll-like receptor 3 ligand attenuates LPS-induced liver injury by down-regulation of toll-like receptor 4 expression on macrophages. <b>2005</b> , 102, 17077-82	134
1691	Phase I/II trial of gene therapy with autologous tumor cells modified with tag7/PGRP-S gene in patients with disseminated solid tumors: miscellaneous tumors. <b>2005</b> , 16, 162-8	19
1690	<i>Chlamydia trachomatis</i> induces expression of IFN-gamma-inducible protein 10 and IFN-beta independent of TLR2 and TLR4, but largely dependent on MyD88. <b>2005</b> , 175, 450-60	79
1689	TIR domain-containing adaptors regulate TLR signaling pathways. <b>2005</b> , 560, 1-9	35
1688	Mechanisms of Lymphocyte Activation and Immune Regulation X. <b>2005</b> ,	
1687	Cellular mechanisms of the adjuvant activity of the flagellin component FljB of <i>Salmonella enterica</i> Serovar Typhimurium to potentiate mucosal and systemic responses. <b>2005</b> , 73, 6763-70	51
1686	Multiple TLRs are expressed in human cholangiocytes and mediate host epithelial defense responses to <i>Cryptosporidium parvum</i> via activation of NF-kappaB. <b>2005</b> , 175, 7447-56	174
1685	Lung defences: an overview. <b>2005</b> , 14, 45-50	72
1684	TLR9 regulates Th1 responses and cooperates with TLR2 in mediating optimal resistance to <i>Mycobacterium tuberculosis</i> . <b>2005</b> , 202, 1715-24	475
1683	Double-stranded RNAs from the helminth parasite <i>Schistosoma</i> activate TLR3 in dendritic cells. <b>2005</b> , 280, 277-83	122
1682	Vaccinia virus protein A46R targets multiple Toll-like-interleukin-1 receptor adaptors and contributes to virulence. <b>2005</b> , 201, 1007-18	300
1681	TLR3 and TLR7 are targeted to the same intracellular compartments by distinct regulatory elements. <b>2005</b> , 280, 37107-17	159
1680	IFN-alpha regulates TLR-dependent gene expression of IFN-alpha, IFN-beta, IL-28, and IL-29. <b>2005</b> , 174, 1932-7	196
1679	Signaling through CD14 attenuates the inflammatory response to <i>Borrelia burgdorferi</i> , the agent of Lyme disease. <b>2005</b> , 174, 1539-48	43
1678	Plasmacytoid dendritic cells control TLR7 sensitivity of naive B cells via type I IFN. <b>2005</b> , 174, 4043-50	281
1677	Ex vivo stimulation of B cells latently infected with gammaherpesvirus 68 triggers reactivation from latency. <b>2005</b> , 79, 5227-31	32

1676	Muramyl dipeptide enhances osteoclast formation induced by lipopolysaccharide, IL-1 alpha, and TNF-alpha through nucleotide-binding oligomerization domain 2-mediated signaling in osteoblasts. <b>2005</b> , 175, 1956-64	71
1675	From the Th1/Th2 paradigm towards a Toll-like receptor/T-helper bias. <b>2005</b> , 49, 3991-6	143
1674	Elevated levels of IgM and IgA antibodies to <i>Proteus mirabilis</i> and IgM antibodies to <i>Escherichia coli</i> are associated with early rheumatoid factor (RF)-positive rheumatoid arthritis. <b>2005</b> , 44, 1433-41	51
1673	A synthetic TLR4 antagonist has anti-inflammatory effects in two murine models of inflammatory bowel disease. <b>2005</b> , 174, 6416-23	179
1672	Requirement for intercellular adhesion molecule 1 and caveolae in invasion of human oral epithelial cells by <i>Porphyromonas gingivalis</i> . <b>2005</b> , 73, 6290-8	46
1671	Effective treatment of preexisting melanoma with whole cell vaccines expressing alpha(1,3)-galactosyl epitopes. <b>2005</b> , 65, 10555-61	67
1670	Lipopolysaccharide preparation extracted from <i>Porphyromonas gingivalis</i> lipoprotein-deficient mutant shows a marked decrease in toll-like receptor 2-mediated signaling. <b>2005</b> , 73, 2157-63	50
1669	TLR2 signaling in chondrocytes drives calcium pyrophosphate dihydrate and monosodium urate crystal-induced nitric oxide generation. <b>2005</b> , 174, 5016-23	189
1668	The induction of a type 1 immune response following a <i>Trypanosoma brucei</i> infection is MyD88 dependent. <b>2005</b> , 175, 2501-9	119
1667	NF-kappaB and the innate immune response in the respiratory distress syndrome of the newborn: commentary on the article by Cheah et al. on page 616. <b>2005</b> , 57, 613-5	1
1666	Toll-like receptor 4 or 2 agonists decrease allergic inflammation. <b>2005</b> , 32, 218-24	121
1665	Recognition of double-stranded RNA by human toll-like receptor 3 and downstream receptor signaling requires multimerization and an acidic pH. <b>2005</b> , 280, 38133-45	192
1664	Expression of toll-like receptor 4 and endotoxin responsiveness in mice during perinatal period. <b>2005</b> , 57, 644-8	44
1663	Toll-like receptor 4 mediates mitochondrial DNA damage and biogenic responses after heat-inactivated <i>E. coli</i> . <b>2005</b> , 19, 1531-3	81
1662	Interactions at the Dendritic Cell / T-Cell Interface Define the Balance between Immunity and Tolerance. <b>2005</b> , 32, 373-383	4
1661	[Immunology--risk management in the body]. <b>2005</b> , 130, 1563-5	0
1660	Impaired toll-like receptor 9 expression in alveolar macrophages with no sensitivity to CpG DNA. <b>2005</b> , 171, 707-13	66
1659	Thyocytes express a functional toll-like receptor 3: overexpression can be induced by viral infection and reversed by phenylmethimazole and is associated with Hashimoto's autoimmune thyroiditis. <b>2005</b> , 19, 1231-50	80

1658	Antisense therapy for restenosis following percutaneous coronary intervention. <b>2005</b> , 5, 79-89	15
1657	Is type 2 diabetes an autoimmune-inflammatory disorder of the innate immune system?. <b>2005</b> , 146, 4189-91	20
1656	Herpes simplex virus and toll-like receptors. <b>2005</b> , 18, 457-65	39
1655	Superior activity of the type C class of ISS in vitro and in vivo across multiple species. <b>2005</b> , 24, 63-72	54
1654	Fas-associated death-domain protein inhibits TNF-alpha mediated NF-kappaB activation in cardiomyocytes. <b>2005</b> , 289, H2073-80	9
1653	RNA-associated autoantigens activate B cells by combined B cell antigen receptor/Toll-like receptor 7 engagement. <b>2005</b> , 202, 1171-7	649
1652	Induction of IFN-regulated factors and antitumoral surveillance by transfected placebo plasmid DNA. <b>2005</b> , 11, 112-9	27
1651	TGF-alpha regulates TLR expression and function on epidermal keratinocytes. <b>2005</b> , 174, 6137-43	132
1650	TLR2 agonist ameliorates established allergic airway inflammation by promoting Th1 response and not via regulatory T cells. <b>2005</b> , 174, 7558-63	144
1649	HIV Gag protein conjugated to a Toll-like receptor 7/8 agonist improves the magnitude and quality of Th1 and CD8+ T cell responses in nonhuman primates. <b>2005</b> , 102, 15190-4	275
1648	A role for Erbin in the regulation of Nod2-dependent NF-kappaB signaling. <b>2005</b> , 280, 40301-9	147
1647	Variation of the immune response with dendritic cells and pathogen recognition receptors. <b>2005</b> , 174, 2457-65	140
1646	The cytokine IL-1beta activates IFN response factor 3 in human fetal astrocytes in culture. <b>2005</b> , 174, 3719-26	54
1645	Apoptosis induced by the toll-like receptor adaptor TRIF is dependent on its receptor interacting protein homotypic interaction motif. <b>2005</b> , 174, 4942-52	290
1644	TLR-4 regulates CD8+ T cell trapping in the liver. <b>2005</b> , 175, 1643-50	47
1643	Immunization with HIV-1 Gag protein conjugated to a TLR7/8 agonist results in the generation of HIV-1 Gag-specific Th1 and CD8+ T cell responses. <b>2005</b> , 174, 7676-83	172
1642	TLR-induced inflammation in cystic fibrosis and non-cystic fibrosis airway epithelial cells. <b>2005</b> , 174, 1638-46	191
1641	Characterization of the murine immunological signaling network with phosphospecific flow cytometry. <b>2005</b> , 175, 2366-73	88

1640	In vivo ethanol exposure down-regulates TLR2-, TLR4-, and TLR9-mediated macrophage inflammatory response by limiting p38 and ERK1/2 activation. <b>2005</b> , 174, 456-63	107
1639	The functional and structural properties of MD-2 required for lipopolysaccharide binding are absent in MD-1. <b>2005</b> , 174, 340-4	41
1638	Cutting edge: expression of IL-1 receptor-associated kinase-4 (IRAK-4) proteins with mutations identified in a patient with recurrent bacterial infections alters normal IRAK-4 interaction with components of the IL-1 receptor complex. <b>2005</b> , 174, 6587-91	48
1637	Cutting edge: the acquisition of TLR tolerance during malaria infection impacts T cell activation. <b>2005</b> , 174, 5921-5	99
1636	Antibody repertoire development in fetal and neonatal piglets. IX. Three pathogen-associated molecular patterns act synergistically to allow germfree piglets to respond to type 2 thymus-independent and thymus-dependent antigens. <b>2005</b> , 175, 6772-85	37
1635	Specific inhibition of MyD88-independent signaling pathways of TLR3 and TLR4 by resveratrol: molecular targets are TBK1 and RIP1 in TRIF complex. <b>2005</b> , 175, 3339-46	214
1634	A role for TLRs in the regulation of immune cell migration by first trimester trophoblast cells. <b>2005</b> , 175, 8096-104	158
1633	Immunomodulation via novel use of TLR4 by the filarial nematode phosphorylcholine-containing secreted product, ES-62. <b>2005</b> , 174, 284-93	195
1632	ASC-mediated NF-kappaB activation leading to interleukin-8 production requires caspase-8 and is inhibited by CLARP. <b>2005</b> , 280, 15122-30	50
1631	The secreted peptidyl prolyl cis,trans-isomerase HP0175 of <i>Helicobacter pylori</i> induces apoptosis of gastric epithelial cells in a TLR4- and apoptosis signal-regulating kinase 1-dependent manner. <b>2005</b> , 174, 5672-80	75
1630	More targeted treatments for lupus nephritis: is the future (nearly) here?. <b>2005</b> , 16, 3146-8	3
1629	Toll-like receptor 4 signaling regulates cytosolic phospholipase A2 activation and lipid generation in lipopolysaccharide-stimulated macrophages. <b>2005</b> , 280, 38969-75	92
1628	Peptidoglycan of <i>Staphylococcus aureus</i> upregulates monocyte expression of CD14, Toll-like receptor 2 (TLR2), and TLR4 in human blood: possible implications for priming of lipopolysaccharide signaling. <b>2005</b> , 73, 7613-9	45
1627	Activation of innate immunity, inflammation, and potentiation of DNA vaccination through mammalian expression of the TLR5 agonist flagellin. <b>2005</b> , 175, 3882-91	76
1626	Dual effects of p38 MAPK on TNF-dependent bronchoconstriction and TNF-independent neutrophil recruitment in lipopolysaccharide-induced acute respiratory distress syndrome. <b>2005</b> , 175, 262-9	80
1625	The MyD88-dependent, but not the MyD88-independent, pathway of TLR4 signaling is important in clearing nontypeable <i>Haemophilus influenzae</i> from the mouse lung. <b>2005</b> , 175, 6042-9	127
1624	A stop codon polymorphism of Toll-like receptor 5 is associated with resistance to systemic lupus erythematosus. <b>2005</b> , 102, 10593-7	130
1623	Surface-expressed TLR6 participates in the recognition of diacylated lipopeptide and peptidoglycan in human cells. <b>2005</b> , 174, 1566-73	98

1622	TLR4, but not TLR2, signals autoregulatory apoptosis of cultured microglia: a critical role of IFN-beta as a decision maker. <b>2005</b> , 174, 6467-76	139
1621	B7-DC cross-linking restores antigen uptake and augments antigen-presenting cell function by matured dendritic cells. <b>2005</b> , 102, 11438-43	36
1620	Participation of Rip2 in lipopolysaccharide signaling is independent of its kinase activity. <b>2005</b> , 280, 16278-83	52
1619	Induction of proinflammatory responses in macrophages by the glycosylphosphatidylinositols of <i>Plasmodium falciparum</i> : the requirement of extracellular signal-regulated kinase, p38, c-Jun N-terminal kinase and NF-kappaB pathways for the expression of proinflammatory cytokines and nitric oxide. <b>2005</b> , 280, 8617-27	124
1618	Protective CD8 T cell immunity triggered by CpG-protein conjugates competes with the efficacy of live vaccines. <b>2005</b> , 174, 4373-80	87
1617	Tumor progression can occur despite the induction of very high levels of self/tumor antigen-specific CD8+ T cells in patients with melanoma. <b>2005</b> , 175, 6169-76	391
1616	Evolution and integration of innate immune recognition systems: the Toll-like receptors. <b>2005</b> , 11, 51-55	58
1615	Direct stimulation of human T cells via TLR5 and TLR7/8: flagellin and R-848 up-regulate proliferation and IFN-gamma production by memory CD4+ T cells. <b>2005</b> , 175, 1551-7	334
1614	The molecular pathophysiology of bacterially induced preterm labor: insights from the murine model. <b>2005</b> , 12, 145-55	85
1613	Purification and characterization of deacylated and/or palmitoylated lipid A species unique to <i>Salmonella enterica</i> serovar Typhimurium. <b>2005</b> , 11, 57-61	9
1612	A Toll for lupus. <b>2005</b> , 14, 417-22	50
1611	Heritable defects of the human TLR signalling pathways. <b>2005</b> , 11, 220-224	19
1610	Rheumatoid factors: good or bad for you?. <b>2005</b> , 138, 180-8	22
1609	Papillomavirus capsid mutation to escape dendritic cell-dependent innate immunity in cervical cancer. <b>2005</b> , 79, 6741-50	50
1608	Inflammatory mediators and intracellular signalling. <b>2005</b> , 81-103	
1607	Pathogen-host interactions in <i>Pseudomonas aeruginosa</i> pneumonia. <b>2005</b> , 171, 1209-23	557
1606	Proteomic characterization of skin and epidermis in response to environmental agents. <b>2005</b> , 2, 809-20	11
1605	Innate Immunity in the Skin: How Keratinocytes Fight Against Pathogens. <b>2005</b> , 1, 29-42	55

1604	Heart Failure after Myocardial Infarction Benefit beyond Hemoglobin from Erythropoietin. <b>2005</b> , 16, 3449-3454	1
1603	Toll-Like Receptor Signaling: Emerging Opportunities in Human Diseases and Medicine. <b>2005</b> , 1, 81-90	17
1602	MyD88 expression is required for efficient cross-presentation of viral antigens from infected cells. <b>2005</b> , 79, 2964-72	37
1601	The mammalian innate immune system: potential targets for drug development. <b>2005</b> , 5, 237-47	4
1600	CpG oligodeoxynucleotides induce IL-8 expression in CD34+ cells via mitogen-activated protein kinase-dependent and NF-kappaB-independent pathways. <b>2005</b> , 17, 1525-31	32
1599	Requirement for TLR9 in the immunomodulatory activity of Propionibacterium acnes. <b>2005</b> , 174, 4295-300	105
1598	Association of SIGIRR with TLR4-MD-2 enhances signal transduction by recognition of LPS in gram-negative bacteria. <b>2005</b> , 17, 827-36	74
1597	A20 is a negative regulator of IFN regulatory factor 3 signaling. <b>2005</b> , 174, 1507-12	153
1596	Toll-like receptor 3 and STAT-1 contribute to double-stranded RNA+ interferon-gamma-induced apoptosis in primary pancreatic beta-cells. <b>2005</b> , 280, 33984-91	131
1595	Questioning current concepts in acute pancreatitis: endotoxin contamination of porcine pancreatic elastase is responsible for experimental pancreatitis-associated distant organ failure. <b>2005</b> , 174, 6431-9	23
1594	The Salmonella pathogenicity island (SPI)-2 and SPI-1 type III secretion systems allow Salmonella serovar typhimurium to trigger colitis via MyD88-dependent and MyD88-independent mechanisms. <b>2005</b> , 174, 1675-85	288
1593	IFN-alpha enhances TLR3-mediated antiviral cytokine expression in human endothelial and epithelial cells by up-regulating TLR3 expression. <b>2005</b> , 174, 4289-94	157
1592	Induction of proinflammatory responses in macrophages by the glycosylphosphatidylinositols of Plasmodium falciparum: cell signaling receptors, glycosylphosphatidylinositol (GPI) structural requirement, and regulation of GPI activity. <b>2005</b> , 280, 8606-16	367
1591	Transcriptional regulation of the 4-amino-4-deoxy-L-arabinose biosynthetic genes in Yersinia pestis. <b>2005</b> , 280, 14765-72	75
1590	Peptidoglycan signaling in innate immunity and inflammatory disease. <b>2005</b> , 280, 20177-80	113
1589	Toll-like receptor 2 mediates cellular activation by the B subunits of type II heat-labile enterotoxins. <b>2005</b> , 73, 1343-9	65
1588	Isolation and partial purification of macrophage- and dendritic cell-activating components from Mycoplasma arthritis: association with organism virulence and involvement with Toll-like receptor 2. <b>2005</b> , 73, 6039-47	22
1587	I{kappa}B kinase (IKK){beta}, but not IKK{alpha}, is a critical mediator of osteoclast survival and is required for inflammation-induced bone loss. <b>2005</b> , 201, 1677-87	215

1586	An attempt to define allergen-specific molecular surface features: a bioinformatic approach. <b>2005</b> , 21, 4201-4	32
1585	Dok-1 and Dok-2 are negative regulators of lipopolysaccharide-induced signaling. <b>2005</b> , 201, 333-9	73
1584	Mast cell-specific genes--new drug targets/pathogenesis. <b>2005</b> , 87, 198-212	7
1583	Environment as a critical factor for the pathogenesis and outcome of gastrointestinal disease: experimental and human inflammatory bowel disease and helicobacter-induced gastritis. <b>2005</b> , 72, 293-307	28
1582	The clever fetus: responding to inflammation to minimize lung injury. <b>2005</b> , 88, 202-7	36
1581	Comparison of Salmonella enterica serovar Typhimurium colitis in germfree mice and mice pretreated with streptomycin. <b>2005</b> , 73, 3228-41	99
1580	Critical role for Ets, AP-1 and GATA-like transcription factors in regulating mouse Toll-like receptor 4 (Tlr4) gene expression. <b>2005</b> , 387, 355-65	71
1579	Towards an epitope-based human vaccine for influenza. <b>2005</b> , 1, 95-101	32
1578	Sjögren's syndrome. <b>2005</b> , 366, 321-31	1061
1577	The developing intestinal ecosystem: implications for the neonate. <b>2005</b> , 58, 625-8	118
1576	Evolution and integration of innate immune systems from fruit flies to man: lessons and questions. <b>2005</b> , 11, 243-248	24
1575	Stimulation of innate immune responses by malarial glycosylphosphatidylinositol via pattern recognition receptors. <b>2005</b> , 130 Suppl, S45-62	71
1574	TLR11 activation of dendritic cells by a protozoan profilin-like protein. <b>2005</b> , 308, 1626-9	775
1573	Network communications: lymphotoxins, LIGHT, and TNF. <i>Annual Review of Immunology</i> , <b>2005</b> , 23, 787-812	347 357
1572	Toll-like receptors in the cornea. <b>2005</b> , 3, S187-9	10
1571	Intestinal innate immunity: how does it relate to the pathogenesis of necrotizing enterocolitis. <b>2005</b> , 14, 137-44	66
1570	Gene silencing and overexpression of porcine peptidoglycan recognition protein long isoforms: involvement in beta-defensin-1 expression. <b>2005</b> , 73, 7133-41	36
1569	Dendritic cell biology. <b>2005</b> , 88, 193-233	59

1568	IPC: professional type 1 interferon-producing cells and plasmacytoid dendritic cell precursors. <i>Annual Review of Immunology</i> , <b>2005</b> , 23, 275-306	34.7	1299
1567	Host Defense of Oral Mucosa and the Molecular Mechanism of Oral Mucosal Signal Transduction Diseases. <b>2005</b> , 47, 115-125		
1566	The hygiene hypothesis revisited. <b>2005</b> , 25, 247-62, v-vi		53
1565	Toll-like Receptors in Inflammation. <b>2005</b> ,		1
1564	Regulatory T Cells in Inflammation. <b>2005</b> ,		1
1563	Toll and Toll-Like Receptors: An Immunologic Perspective. <b>2005</b> ,		
1562	Molecular mechanisms of autoimmunity triggered by microbial infection. <b>2005</b> , 7, 215-24		40
1561	The molecular structure of the Toll-like receptor 3 ligand-binding domain. <b>2005</b> , 102, 10976-80		305
1560	Activation of toll-like receptor-mediated NF-kappa beta by zymosan-derived water-soluble fraction: possible contribution of endotoxin-like substances. <b>2005</b> , 27, 285-98		26
1559	The nuclear IkappaB protein IkappaBNS selectively inhibits lipopolysaccharide-induced IL-6 production in macrophages of the colonic lamina propria. <b>2005</b> , 174, 3650-7		153
1558	Progress in drug development of immunostimulatory CpG oligodeoxynucleotide ligands for TLR9. <b>2005</b> , 5, 673-82		45
1557	The evolution of vertebrate Toll-like receptors. <b>2005</b> , 102, 9577-82		895
1556	Toll-like Receptors. <b>2005</b> ,		1
1555	Type I interferons (alpha/beta) in immunity and autoimmunity. <i>Annual Review of Immunology</i> , <b>2005</b> , 23, 307-36	34.7	972
1554	Repair and Defense Systems at the Epithelial Surface in the Lung. <b>2005</b> , 201-214		
1553	The role of Toll-like receptors in the host response to viruses. <b>2005</b> , 42, 859-67		197
1552	LPS regulates a set of genes in primary murine macrophages by antagonising CSF-1 action. <b>2005</b> , 210, 97-107		43
1551	Intestinal bacteria and development of the B-lymphocyte repertoire. <b>2005</b> , 26, 419-25		59



1550	Human endometrial epithelial cells cyclically express Toll-like receptor 3 (TLR3) and exhibit TLR3-dependent responses to dsRNA. <b>2005</b> , 66, 469-82	45
1549	A novel C-type lectin-3 from <i>Manduca sexta</i> is translocated from hemolymph into the cytoplasm of hemocytes. <b>2005</b> , 35, 285-95	116
1548	Molecular mechanism for innate recognition of microbial products by toll-like receptors. <b>2005</b> , 1285, 15-18	
1547	Characteristics of nucleic acid TLR ligands. <b>2005</b> , 1285, 34-41	
1546	Cytokine induction by a bacterial DNA-specific modified base. <b>2005</b> , 326, 777-81	12
1545	Regulation of lipopolysaccharide-inducible genes by MyD88 and Toll/IL-1 domain containing adaptor inducing IFN-beta. <b>2005</b> , 328, 383-92	114
1544	Triggering of TLR3 by polyI:C in human corneal epithelial cells to induce inflammatory cytokines. <b>2005</b> , 331, 285-94	124
1543	Viruses selectively upregulate Toll-like receptors in the central nervous system. <b>2005</b> , 336, 925-33	82
1542	Transcriptional signaling by double-stranded RNA: role of TLR3. <b>2005</b> , 16, 1-14	214
1541	Chemokines provide the sustained inflammatory bridge between innate and acquired immunity. <b>2005</b> , 16, 553-60	83
1540	Genetics of anti-parasite resistance in invertebrates. <b>2005</b> , 29, 9-32	67
1539	TICAM-1 and TICAM-2: toll-like receptor adapters that participate in induction of type 1 interferons. <b>2005</b> , 37, 524-9	41
1538	Malaria: immune evasion by parasites. <b>2005</b> , 37, 700-6	66
1537	TLR9 expression is related to immune activation but is impaired in individuals with chronic immune activation. <b>2005</b> , 37, 2380-94	10
1536	Selective suppression of Toll-like receptor 4 activation by chemokine receptor 4. <b>2005</b> , 579, 699-704	25
1535	<i>Neisseria meningitidis</i> pili induce type-IIA phospholipase A2 expression in alveolar macrophages. <b>2005</b> , 579, 4923-7	10
1534	Lethal encephalitis in myeloid differentiation factor 88-deficient mice infected with herpes simplex virus 1. <b>2005</b> , 166, 1419-26	74
1533	Increased toll-like receptor 4 expression in thymus of myasthenic patients with thymitis and thymic involution. <b>2005</b> , 167, 129-39	54

1532	Regulatory interfaces between the stress protein response and other gene expression programs in the cell. <b>2005</b> , 35, 139-48	25
1531	Toll-like receptors on platelets: the key for disseminated intravascular coagulation in sepsis?. <b>2005</b> , 115, 537-8	7
1530	Interactions of proteoliposomes from serogroup B Neisseria meningitidis with bone marrow-derived dendritic cells and macrophages: adjuvant effects and antigen delivery. <b>2005</b> , 23, 1312-21	33
1529	A novel intranasal Protollin-based measles vaccine induces mucosal and systemic neutralizing antibody responses and cell-mediated immunity in mice. <b>2005</b> , 23, 1374-83	41
1528	In vitro pyrogenicity of the diphtheria, tetanus and acellular pertussis components of a trivalent vaccine. <b>2005</b> , 23, 3709-15	2
1527	The adjuvant effect of levamisole on killed viral vaccines. <b>2005</b> , 23, 5543-50	29
1526	Expression of Toll-like receptors in healthy and allergic conjunctiva. <b>2005</b> , 112, 1528; discussion 1548-9	69
1525	Toll-like receptor 2 mediates prostaglandin E(2) production in murine peritoneal macrophages and splenocytes in response to Candida albicans. <b>2005</b> , 156, 115-8	21
1524	The role of toll-like receptors in the pathophysiology of acne. <b>2005</b> , 24, 73-8	31
1523	Plasmacytoid dendritic cells--virus experts of innate immunity. <b>2005</b> , 17, 253-61	153
1522	Cutaneous dendritic cells. <b>2005</b> , 17, 273-83	224
1521	Antibodies against human Toll-like receptors (TLRs): TLR distribution and localization in human dendritic cells. <b>2005</b> , 11, 369-374	5
1520	Airway epithelial cell tolerance to Pseudomonas aeruginosa. <b>2005</b> , 6, 26	37
1519	17Beta-estradiol suppresses TLR3-induced cytokine and chemokine production in endometrial epithelial cells. <b>2005</b> , 3, 74	39
1518	Delayed polarization of mononuclear phagocyte transcriptional program by type I interferon isoforms. <b>2005</b> , 3, 24	22
1517	A type I interferon autocrine-paracrine loop is involved in Toll-like receptor-induced interleukin-12p70 secretion by dendritic cells. <b>2005</b> , 201, 1435-46	433
1516	TLR signalling and the function of dendritic cells. <b>2005</b> , 86, 120-135	175
1515	gammadelta T cells link innate and adaptive immune responses. <b>2005</b> , 86, 151-183	180

1514	Mechanisms underlying helminth- induced Th2 polarization: default, negative or positive pathways?. <b>2006</b> , 90, 65-81	38
1513	House dust extracts elicit Toll-like receptor-dependent dendritic cell responses. <b>2005</b> , 116, 185-91	42
1512	Degree of CD14 expression in melanoma infiltrating mononuclear phagocytes. <b>2005</b> , 37, 52-4	2
1511	Up-regulation of cell surface Toll-like receptor 4-MD2 expression on dendritic epidermal T cells after the emigration from epidermis during cutaneous inflammation. <b>2005</b> , 37, 101-10	26
1510	The cytosolic pattern-recognition receptor Nod2 and inflammatory granulomatous disorders. <b>2005</b> , 39, 71-80	29
1509	Cellules immunocompentes. <b>2005</b> , 2, 217-231	0
1508	Review of the innate immune response in acne vulgaris: activation of Toll-like receptor 2 in acne triggers inflammatory cytokine responses. <b>2005</b> , 211, 193-8	194
1507	Lipopolysaccharide injection induces relapses of experimental autoimmune encephalomyelitis in nontransgenic mice via bystander activation of autoreactive CD4+ cells. <b>2005</b> , 175, 959-66	61
1506	Herpesviruses and the innate immune response. <b>2005</b> , 18, 267-81	92
1505	Negative regulation of cytokine and TLR signalings by SOCS and others. <b>2005</b> , 87, 61-122	75
1504	Plasmacytoid dendritic cells: linking innate and adaptive immunity. <b>2005</b> , 79, 17-27	283
1503	Interferon-beta induction through toll-like receptor 3 depends on double-stranded RNA structure. <b>2005</b> , 24, 614-23	68
1502	CATERPILLER: a novel gene family important in immunity, cell death, and diseases. <i>Annual Review of Immunology</i> , <b>2005</b> , 23, 387-414	34.7 289
1501	Dendritic cell interactions and cytokine production. <b>2006</b> , 61-80	8
1500	Polarized monocyte response to cytokine stimulation. <b>2005</b> , 6, R15	25
1499	Identification of signaling components required for the prediction of cytokine release in RAW 264.7 macrophages. <b>2006</b> , 7, R11	34
1498	Targeting Toll-like receptor signaling in plasmacytoid dendritic cells and autoreactive B cells as a therapy for lupus. <b>2006</b> , 8, 203	45
1497	DEFENSE SYSTEMS. <b>2006</b> , 1-7	

1496	Immunology of Pregnancy. <b>2006,</b>	6
1495	Lipopolysaccharide and TNF-alpha produce very similar changes in gene expression in human endothelial cells. <b>2006, 43, 447-61</b>	51
1494	Understanding pathogenesis and therapy of multiple sclerosis via animal models: 70 years of merits and culprits in experimental autoimmune encephalomyelitis research. <b>2006, 129, 1953-71</b>	757
1493	Immune Mechanisms in Inflammatory Bowel Disease. <b>2006,</b>	6
1492	IkappaB-zeta: an inducible regulator of nuclear factor-kappaB. <b>2006, 74, 301-16</b>	40
1491	The systemic autoinflammatory diseases: inborn errors of the innate immune system. <b>2006, 305, 127-60</b>	57
1490	Hepatitis C virus induces toll-like receptor 4 expression, leading to enhanced production of beta interferon and interleukin-6. <b>2006, 80, 866-74</b>	162
1489	NF-kappaB-dependent induction of microRNA miR-146, an inhibitor targeted to signaling proteins of innate immune responses. <b>2006, 103, 12481-6</b>	3461
1488	TLR9 activation is defective in common variable immune deficiency. <b>2006, 176, 1978-87</b>	100
1487	Platelet Toll-like receptor expression modulates lipopolysaccharide-induced thrombocytopenia and tumor necrosis factor-alpha production in vivo. <b>2006, 107, 637-41</b>	374
1486	Distinct indirect pathways govern human NK-cell activation by TLR-7 and TLR-8 agonists. <b>2006, 18, 1115-26</b>	126
1485	Dendritic cells: translating innate to adaptive immunity. <b>2006, 311, 17-58</b>	619
1484	Association of toll-like receptor 4 polymorphisms with somatic cell score and lactation persistency in Holstein bulls. <b>2006, 89, 3626-35</b>	58
1483	Toll-like receptors in ocular immunity and the immunopathogenesis of inflammatory eye disease. <b>2006, 90, 103-8</b>	124
1482	Toll-like receptors 2 and 4 are differentially involved in Fas dependent apoptosis in Peyer's patch and the liver at an early stage after bile duct ligation in mice. <b>2006, 55, 105-13</b>	12
1481	Lack of association between Toll-like receptor 2 and Toll-like receptor 4 polymorphisms and atopic eczema. <b>2006, 118, 277-9</b>	55
1480	Dissociation of ERK and Akt signaling in endothelial cell angiogenic responses to beta-amyloid. <b>2006, 312, 996-1010</b>	18
1479	Inmunidad innata gastrointestinal y enfermedad inflamatoria intestinal. <b>2006, 5, 222-227</b>	

1478	Biological therapy in the management of recent-onset Crohn's disease: why, when and how?. <b>2006</b> , 66, 1431-9	27
1477	Toll-like receptor-4 mediates cigarette smoke-induced cytokine production by human macrophages. <b>2006</b> , 7, 66	113
1476	Lung epithelium as a sentinel and effector system in pneumonia--molecular mechanisms of pathogen recognition and signal transduction. <b>2006</b> , 7, 97	111
1475	Regulation of B1 cell migration by signals through Toll-like receptors. <b>2006</b> , 203, 2541-50	223
1474	Stability Analysis of a Mathematical Model of the Immune Response with Delays. <b>2007</b> , 177-206	5
1473	Minimized, CpG-Depleted, and Methylated DNA Vectors: Towards Perfection in Nonviral Gene Therapy. <b>2006</b> , 43-54	1
1472	Developmental Immunology and Role of Host Defenses in Fetal and Neonatal Susceptibility to Infection. <b>2006</b> , 87-210	25
1471	Disconnection of man and the soil: reason for the asthma and atopy epidemic?. <b>2006</b> , 117, 334-44	93
1470	Prenatal farm exposure is related to the expression of receptors of the innate immunity and to atopic sensitization in school-age children. <b>2006</b> , 117, 817-23	364
1469	Human dendritic cells conditioned with Staphylococcus aureus enterotoxin B promote TH2 cell polarization. <b>2006</b> , 117, 1141-7	63
1468	Toll-like receptor function and signaling. <b>2006</b> , 117, 979-87; quiz 988	660
1467	Oral phenylephrine: an ineffective replacement for pseudoephedrine?. <b>2006</b> , 118, 279-80	25
1466	IL-1 in chronic arthritis, lessons from animal models. <b>2006</b> , 3, 169-175	5
1465	Toll-like receptor 2 signaling modulates the functions of CD4+ CD25+ regulatory T cells. <b>2006</b> , 103, 7048-53	388
1464	The kinase complex responsible for IRF-3-mediated IFN-beta production in myeloid dendritic cells (mDC). <b>2006</b> , 139, 171-5	16
1463	TLR9-based immunotherapy for allergic disease. <b>2006</b> , 119, 897.e1-6	40
1462	LTA and LPS mediated activation of protein kinases in the regulation of inflammatory cytokines expression in macrophages. <b>2006</b> , 374, 106-15	56
1461	Translating innate immunity into immunological memory: implications for vaccine development. <b>2006</b> , 124, 849-63	489

1460	Plant stomata function in innate immunity against bacterial invasion. <b>2006</b> , 126, 969-80	1306
1459	Double-stranded RNA induces production of RANTES and IL-8 by human nasal fibroblasts. <b>2006</b> , 118, 51-8	34
1458	Sjögren's syndrome in dermatology. <b>2006</b> , 24, 393-413	51
1457	Adrenergic inhibition of innate anti-viral response: PKA blockade of Type I interferon gene transcription mediates catecholamine support for HIV-1 replication. <b>2006</b> , 20, 552-63	51
1456	Dioscorin isolated from <i>Dioscorea alata</i> activates TLR4-signaling pathways and induces cytokine expression in macrophages. <b>2006</b> , 339, 137-44	54
1455	A molecule that is associated with Toll-like receptor 4 and regulates its cell surface expression. <b>2006</b> , 339, 1076-82	27
1454	Lipopolysaccharide prevents apoptosis induced by brefeldin A, an endoplasmic reticulum stress agent, in RAW 264.7 cells. <b>2006</b> , 340, 589-96	12
1453	ST2 suppresses IL-6 production via the inhibition of I $\kappa$ B degradation induced by the LPS signal in THP-1 cells. <b>2006</b> , 341, 425-32	62
1452	Ligand-independent oligomerization of TLR4 regulated by a short hydrophobic region adjacent to the transmembrane domain. <b>2006</b> , 341, 1128-34	22
1451	The transmembrane domain directs TLR9 to intracellular compartments that contain TLR3. <b>2006</b> , 343, 578-84	33
1450	Human corneal epithelial cells respond to ocular-pathogenic, but not to nonpathogenic-flagellin. <b>2006</b> , 347, 238-47	20
1449	Full-length sequence and expression analysis of Toll-like receptor 9 in the gilthead seabream ( <i>Sparus aurata</i> L.). <b>2006</b> , 378, 42-51	48
1448	IL-10-deficiency unmasks unique immune system defects and reveals differential regulation of organ-specific autoimmunity in non-obese diabetic mice. <b>2006</b> , 34, 85-95	13
1447	Molecular cloning, characterization and tissue expression of porcine Toll-like receptor 4. <b>2006</b> , 30, 345-55	25
1446	Recognition and signaling by toll-like receptors. <b>2006</b> , 22, 409-37	530
1445	Host defenses against <i>Staphylococcus aureus</i> infection require recognition of bacterial lipoproteins. <b>2006</b> , 103, 13831-6	185
1444	Caveolin-1 confers antiinflammatory effects in murine macrophages via the MKK3/p38 MAPK pathway. <b>2006</b> , 34, 434-42	116
1443	TLR signaling. <b>2006</b> , 311, 1-16	389

1442	Immune activation following cytomegalovirus infection: more important than direct viral effects in cardiovascular disease?. <b>2006</b> , 35, 349-53	59
1441	Porcine Toll-like receptor 1, 6, and 10 genes: complete sequencing of genomic region and expression analysis. <b>2006</b> , 43, 1474-80	46
1440	Comprehensive gene expression profiling following DNA vaccination of rainbow trout against infectious hematopoietic necrosis virus. <b>2006</b> , 43, 2089-106	141
1439	Toll-like receptor and cytokine gene expression in the early phase of human lung transplantation. <b>2006</b> , 25, 1317-23	45
1438	Induction of a homeostatic circuit in lung tissue by microbial compounds. <b>2006</b> , 24, 475-87	81
1437	Toll-like receptors on hematopoietic progenitor cells stimulate innate immune system replenishment. <b>2006</b> , 24, 801-812	616
1436	Vaccination with irradiated <i>Listeria</i> induces protective T cell immunity. <b>2006</b> , 25, 143-52	78
1435	Role of toll-like receptors in spontaneous commensal-dependent colitis. <b>2006</b> , 25, 319-29	303
1434	Inflaming the CD8+ T cell response. <b>2006</b> , 25, 19-29	195
1433	Toll-like receptor 7-dependent loss of B cell tolerance in pathogenic autoantibody knockin mice. <b>2006</b> , 25, 429-40	187
1432	Toll-like receptor recognition regulates immunodominance in an antimicrobial CD4+ T cell response. <b>2006</b> , 25, 655-64	113
1431	SHP-2 phosphatase negatively regulates the TRIF adaptor protein-dependent type I interferon and proinflammatory cytokine production. <b>2006</b> , 25, 919-28	196
1430	The immunostimulant RU41740 from <i>Klebsiella pneumoniae</i> activates human cells in whole blood to potentially stimulate innate and adaptive immune responses. <b>2006</b> , 6, 635-46	9
1429	Therapeutic targeting of pattern-recognition receptors. <b>2006</b> , 6, 863-9	44
1428	Triggering TLR signaling in vaccination. <b>2006</b> , 27, 49-55	295
1427	Gammadelta T cells: an alternative type of professional APC. <b>2006</b> , 27, 112-8	60
1426	Topical combination therapy for cutaneous squamous cell carcinoma in situ with 5-fluorouracil cream and imiquimod cream in patients who have failed topical monotherapy. <b>2006</b> , 55, 1092-4	25
1425	Delayed separation of the umbilical cord in two siblings with Interleukin-1 receptor-associated kinase 4 deficiency: rapid screening by flow cytometer. <b>2006</b> , 148, 546-8	48

1424	Bacterial colonization, probiotics, and clinical disease. <b>2006</b> , 149, S107-S114	27
1423	HSP70 enhances macrophage phagocytosis by interaction with lipid raft-associated TLR-7 and upregulating p38 MAPK and PI3K pathways. <b>2006</b> , 136, 58-69	73
1422	Identification of a transcript encoding a soluble form of toll-like receptor 5 (TLR5) in Atlantic salmon during <i>Aeromonas salmonicida</i> infection. <b>2006</b> , 109, 183-7	47
1421	Expression of TOLL-like receptors (TLR) by bovine antigen-presenting cells-potential role in pathogen discrimination?. <b>2006</b> , 112, 2-11	79
1420	Assessment of the ovine acute phase response and hepatic gene expression in response to <i>Escherichia coli</i> endotoxin. <b>2006</b> , 113, 113-24	30
1419	Changes in immune-related gene expression and intestinal lymphocyte subpopulations following <i>Eimeria maxima</i> infection of chickens. <b>2006</b> , 114, 259-72	167
1418	Blood purification for hypercytokinemia. <b>2006</b> , 35, 253-64	21
1417	Potential use of CpG ODN for cancer immunotherapy. <b>2006</b> , 1, 49-58	3
1416	How bacteria and their products provide clues to vaccine and adjuvant development. <b>2006</b> , 24 Suppl 2, S2-13-9	8
1415	Immune responses elicited by bacterial minicells capable of simultaneous DNA and protein antigen delivery. <b>2006</b> , 24, 6009-17	8
1414	Chapter 5: Updating the natural history of HPV and anogenital cancer. <b>2006</b> , 24 Suppl 3, S3/42-51	261
1413	Innate Immunity. <b>2006</b> , 1033-1066	2
1412	Regulatory T Cells. <b>2006</b> , 119-131	
1411	Altered Expression of Genes Associated with Innate Immunity and Inflammation in Recalcitrant Rhinosinusitis with Polyps. <b>2006</b> , 20, 138-144	92
1410	[Langerhans cells]. <b>2006</b> , 22, 144-8	4
1409	MyD88 and NOS2 are essential for toll-like receptor 4-mediated survival effect in cardiomyocytes. <b>2006</b> , 291, H1900-9	58
1408	Changes in ovine maternal temperature, and serum cortisol and interleukin-6 concentrations after challenge with <i>Escherichia coli</i> lipopolysaccharide during pregnancy and early lactation. <b>2006</b> , 84, 2083-8	17
1407	Principles of NK Cell/DC Crosstalk: The Importance of Cell Dialogue for a Protective Immune Response. <b>2006</b> , 33, 50-57	4



1406 Tolerance and Autoimmunity: T Cells. **2006**, 103-118

1405 Tweaking Innate Immunity: the Promise of Innate Immunologicals As Anti-infectives. **2006**, 17, 307-14 10

1404 Role of Toll-like receptors in adjuvant-augmented immune therapies. **2006**, 3, 31-8; discussion 133-7 48

1403 Acute renal failure: determinants and characteristics of the injury-induced hyperinflammatory response. **2006**, 291, F546-56 62

1402 Toll-like receptors and the eye. **2006**, 47, 1255-63 59

1401 Role of TOLL-like Receptors in Adjuvant-Augmented Immune Therapies by T. Seya. **2006**, 3, 133-137 1

1400 Up-regulation of NOD1 and NOD2 through TLR4 and TNF-alpha in LPS-treated murine macrophages. **2006**, 68, 471-8 70

1399 The molecular structure of the TLR3 extracellular domain. **2006**, 12, 375-378 10

1398 FcepsilonR1 and toll-like receptors mediate synergistic signals to markedly augment production of inflammatory cytokines in murine mast cells. **2006**, 107, 610-8 152

1397 Regulatory dendritic cells act as regulators of acute lethal systemic inflammatory response. **2006**, 107, 3656-64 115

1396 The Wingless homolog WNT5A and its receptor Frizzled-5 regulate inflammatory responses of human mononuclear cells induced by microbial stimulation. **2006**, 108, 965-73 285

1395 Pentraxin 3 protects from MCMV infection and reactivation through TLR sensing pathways leading to IRF3 activation. **2006**, 108, 3387-96 109

1394 Immunology of RSV. **2006**, 43-88 2

1393 Pathogens: Innate Immune Responses. **2006**,

1392 Basophils: a potential liaison between innate and adaptive immunity. **2006**, 55, 99-104 17

1391 Lung infections. 301-326

1390 Receptor-initiated signal transduction during phagocytosis. 54-90 1

1389 B-lymphocyte Activation. **2006**,

1388 Cellules immunocompétentes. **2006**, 1, 1-10

1387 Preterm Birth: A Review. **2006**, 2, 257-318

2

1386 Toll-like receptor 4 signaling leads to neutrophil migration impairment in polymicrobial sepsis. **2006**, 34, 461-70

127

1385 Antitumor efficacy of the novel chemotherapeutic agent coramsine is potentiated by cotreatment with CpG-containing oligodeoxynucleotides. **2006**, 29, 134-42

24

1384 Overview of Signal Transduction Pathways. **2006**, 12, S8-S9

1383 Efficacy of modified levamisole adjuvant on inactivated virus vaccine. **2006**, 19, 525-35

18

1382 Roles of IL-18 in basophils and mast cells. **2006**, 55, 105-13

51

1381 Activation of invariant NKT cells by the helminth parasite schistosoma mansoni. **2006**, 176, 2476-85

67

1380 Sensor molecules in intestinal innate immunity against bacterial infections. **2006**, 22, 95-101

41

1379 Gene therapy with lipopolysaccharide binding protein for gram-negative pneumonia: respiratory physiology. **2006**, 61, 598-605; discussion 605-6

11

1378 Lung Defence Mechanisms and Their Potential Role in the Prevention of Ventilator Associated Pneumonia. **2006**, 2, 285-297

1

1377 Hypertonic saline enhances host defense to bacterial challenge by augmenting Toll-like receptors. **2006**, 34, 1758-68

42

1376 Recent developments in ischemic reperfusion injury in liver transplantation. **2006**, 11, 271-276

2

1375 Genetic polymorphisms of CD14, toll-like receptor 4, and caspase-recruitment domain 15 are not associated with necrotizing enterocolitis in very low birth weight infants. **2006**, 42, 27-31

44

1374 pDC: From Plasmacytoid Dendritic Cell Precursors to Professional Type 1 Interferon-producing Cells. 219-251

1373 The neutrophil-activating protein of Helicobacter pylori promotes Th1 immune responses. **2006**, 116, 1092-101

214

1372 Immune Defence, Cell Mediated. **2006**,

1

1371 [Innate immunity and toll-like receptor]. **2006**, 95, 1115-21

6

1370	Systemic inflammatory response syndrome (SIRS): molecular pathophysiology and gene therapy. <b>2006</b> , 101, 189-98	120
1369	Phytol-based novel adjuvants in vaccine formulation: 2. Assessment of efficacy in the induction of protective immune responses to lethal bacterial infections in mice. <b>2006</b> , 4, 5	18
1368	TLR-2-mediated induction of vascular endothelial growth factor (VEGF) in cartilage in septic joint disease. <b>2006</b> , 210, 315-24	32
1367	Mechanism regulating cell surface expression and activation of Toll-like receptor 4. <b>2006</b> , 6, 311-9	18
1366	Programming, demarcating, and manipulating CD8+ T-cell memory. <b>2006</b> , 211, 67-80	130
1365	Functional signatures of protective antiviral T-cell immunity in human virus infections. <b>2006</b> , 211, 236-54	215
1364	Modifying graft immunogenicity and immune response prior to transplantation: potential clinical applications of donor and graft treatment. <b>2006</b> , 19, 351-9	29
1363	Filarial nematode secreted product ES-62 is an anti-inflammatory agent: therapeutic potential of small molecule derivatives and ES-62 peptide mimetics. <b>2006</b> , 33, 511-8	42
1362	Immunobiology of Toll-like receptors: emerging trends. <b>2006</b> , 84, 333-41	145
1361	Rotavirus double-stranded RNA induces apoptosis and diminishes wound repair in rat intestinal epithelial cells. <b>2006</b> , 21, 521-30	27
1360	Differential inductions of TNF-alpha and IIGP, IIGP by structurally diverse classic and non-classic lipopolysaccharides. <b>2006</b> , 8, 401-13	73
1359	Stimulation of the cytosolic receptor for peptidoglycan, Nod1, by infection with Chlamydia trachomatis or Chlamydia muridarum. <b>2006</b> , 8, 1047-57	119
1358	Roles of N-linked glycans in the recognition of microbial lipopeptides and lipoproteins by TLR2. <b>2006</b> , 8, 1199-209	24
1357	Interferon signalling network in innate defence. <b>2006</b> , 8, 907-22	435
1356	CD14 directly binds to triacylated lipopeptides and facilitates recognition of the lipopeptides by the receptor complex of Toll-like receptors 2 and 1 without binding to the complex. <b>2006</b> , 8, 1899-909	101
1355	Uroepithelial cells can directly respond to Mycobacterium bovis bacillus Calmette-Guérin through Toll-like receptor signalling. <b>2006</b> , 97, 860-4	26
1354	Differential expression of toll-like receptor mRNA in treatment non-responders and sustained virologic responders at baseline in patients with chronic hepatitis C. <b>2006</b> , 26, 1100-10	26
1353	Recipient inflammation affects the frequency and magnitude of immunization to transfused red blood cells. <b>2006</b> , 46, 1526-36	137

1352	Acute ethanol treatment modulates Toll-like receptor-4 association with lipid rafts. <b>2006</b> , 30, 76-85	77
1351	Effects of polymicrobial communities on host immunity and response. <b>2006</b> , 265, 141-50	11
1350	The synthetic analogue of mycoplasmal lipoprotein FSL-1 induces dendritic cell maturation through Toll-like receptor 2. <b>2006</b> , 46, 78-84	18
1349	Modulation of cytokine production and enhancement of cell viability by TLR7 and TLR9 ligands during anthrax infection of macrophages. <b>2006</b> , 47, 369-79	20
1348	Sjögren's syndrome: why autoimmune epithelitis?. <b>2006</b> , 12, 523-32	63
1347	Levan (beta-2, 6-fructan), a major fraction of fermented soybean mucilage, displays immunostimulating properties via Toll-like receptor 4 signalling: induction of interleukin-12 production and suppression of T-helper type 2 response and immunoglobulin E production. <b>2006</b> , 36, 84-101	69
1346	Synthetic double-stranded RNA induces multiple genes related to inflammation through Toll-like receptor 3 depending on NF-kappaB and/or IRF-3 in airway epithelial cells. <b>2006</b> , 36, 1049-62	96
1345	Adoptive transfer of nontransgenic mesenteric lymph node cells induces colitis in athymic HLA-B27 transgenic nude rats. <b>2006</b> , 143, 474-83	11
1344	Correlation between chemical structure and biological activities of Porphyromonas gingivalis synthetic lipopeptide derivatives. <b>2006</b> , 146, 159-68	20
1343	Functional roles of immature dendritic cells in impaired immunity of solid tumour and their targeted strategies for provoking tumour immunity. <b>2006</b> , 146, 189-96	50
1342	Interferon-beta and adhesion molecules (E-selectin and s-intracellular adhesion molecule-1) are detected in sera from patients with retinal vasculitis and are induced in retinal vascular endothelial cells by Toll-like receptor 3 signalling. <b>2007</b> , 147, 71-80	35
1341	A microbial world within us. <b>2006</b> , 59, 1639-50	299
1340	Radiation hybrid mapping of all 10 characterized bovine Toll-like receptors. <b>2006</b> , 37, 47-50	71
1339	Mapping of Toll-like receptor genes in rainbow trout. <b>2006</b> , 37, 597-8	19
1338	Mapping of genes in a region associated with upper temperature tolerance in rainbow trout. <b>2006</b> , 37, 598-9	5
1337	Intestinal epithelial cell signalling and host-derived negative regulators under chronic inflammation: to be or not to be activated determines the balance towards commensal bacteria. <b>2006</b> , 18, 184-99	39
1336	Extended sequence preferences for oligodeoxyribonucleotide activity. <b>2006</b> , 117, 474-81	21
1335	Functional modulation of human intestinal epithelial cell responses by Bifidobacterium infantis and Lactobacillus salivarius. <b>2006</b> , 118, 202-15	233

1334	The fate of effector CD8 T cells in vivo is controlled by the duration of antigen stimulation. <b>2006</b> , 118, 361-71	12
1333	Immulectin-4 from the tobacco hornworm <i>Manduca sexta</i> binds to lipopolysaccharide and lipoteichoic acid. <b>2006</b> , 15, 119-28	87
1332	MyD88 beyond Toll. <b>2006</b> , 7, 370-1	24
1331	Association of beta-arrestin and TRAF6 negatively regulates Toll-like receptor-interleukin 1 receptor signaling. <b>2006</b> , 7, 139-47	207
1330	Suppressor of cytokine signaling 1 negatively regulates Toll-like receptor signaling by mediating Mal degradation. <b>2006</b> , 7, 148-55	428
1329	Innate immune recognition of viral infection. <b>2006</b> , 7, 131-7	1390
1328	ABIN-2 is required for optimal activation of Erk MAP kinase in innate immune responses. <b>2006</b> , 7, 606-15	69
1327	Smad6 negatively regulates interleukin 1-receptor-Toll-like receptor signaling through direct interaction with the adaptor Pellino-1. <b>2006</b> , 7, 1057-65	98
1326	Microbial translocation is a cause of systemic immune activation in chronic HIV infection. <b>2006</b> , 12, 1365-71	2632
1325	Photodynamic therapy and anti-tumour immunity. <b>2006</b> , 6, 535-45	1826
1324	Toll-like receptors in systemic autoimmune disease. <b>2006</b> , 6, 823-35	859
1323	Melioidosis: insights into the pathogenicity of <i>Burkholderia pseudomallei</i> . <b>2006</b> , 4, 272-82	445
1322	CATALYTIC RECEPTORS. <b>2006</b> , 147, S127-S133	71
1321	IkappaB kinase-alpha is critical for interferon-alpha production induced by Toll-like receptors 7 and 9. <b>2006</b> , 440, 949-53	297
1320	The role of Toll-like receptors in non-infectious lung injury. <b>2006</b> , 16, 693-701	114
1319	Identification of MEKK2/3 serine phosphorylation site targeted by the Toll-like receptor and stress pathways. <b>2006</b> , 25, 97-107	46
1318	Cooperative control of <i>Drosophila</i> immune responses by the JNK and NF-kappaB signaling pathways. <b>2006</b> , 25, 3068-77	136
1317	SOCS1-negative feedback of STAT1 activation is a key pathway in the dsRNA-induced innate immune response of human keratinocytes. <b>2006</b> , 126, 1574-81	57

1316	Toll-like receptor 2 mediates early inflammation by leptospiral outer membrane proteins in proximal tubule cells. <b>2006</b> , 69, 815-22	84
1315	Upregulation of chemokine CXCL1/KC by leptospiral membrane lipoprotein preparation in renal tubule epithelial cells. <b>2006</b> , 69, 1814-22	29
1314	Paclitaxel (Taxol) upregulates expression of functional interleukin-6 in human ovarian cancer cells through multiple signaling pathways. <b>2006</b> , 25, 4857-66	62
1313	"Dirty little secrets"--endotoxin contamination of recombinant proteins. <b>2006</b> , 106, 1-7	70
1312	Synthesis of lipid A monosaccharide analogues containing acidic amino acid: exploring the structural basis for the endotoxic and antagonistic activities. <b>2006</b> , 14, 6759-77	20
1311	When T cells recognize a pattern, they might cause trouble. <b>2006</b> , 18, 697-703	6
1310	The interferon-inducible RNA helicase, mda-5, is involved in measles virus-induced expression of antiviral cytokines. <b>2006</b> , 8, 2138-44	82
1309	Interactions gñesñenvironnement au cours de la bronchopneumopathie chronique obstructive et l'asthme. Relations avec la composition corporelle. <b>2006</b> , 20, 185-189	
1308	Toll-like receptor 2-mediated expression of beta-defensin-2 in human corneal epithelial cells. <b>2006</b> , 8, 380-9	105
1307	Myeloid differentiation factor-88 (MyD88) is essential for control of primary in vivo Francisella tularensis LVS infection, but not for control of intra-macrophage bacterial replication. <b>2006</b> , 8, 779-90	59
1306	Proinflammatory gene expression in mouse ST2 cell line in response to infection by Porphyromonas gingivalis. <b>2006</b> , 8, 1025-34	13
1305	TLR2, but not TLR4, triggers cytokine production by murine cells in response to Candida albicans yeasts and hyphae. <b>2006</b> , 8, 2299-304	64
1304	Cyanobacterial lipopolysaccharides and human health - a review. <b>2006</b> , 5, 7	122
1303	Homeostatic effects of TLR9 signaling in experimental colitis. <b>2006</b> , 1072, 351-5	51
1302	TLR9 and the recognition of self and non-self nucleic acids. <b>2006</b> , 1082, 31-43	76
1301	Sympathetic nervous system influence on the innate immune response. <b>2006</b> , 1069, 195-207	62
1300	Use of human antigen presenting cell gene array profiling to examine the effect of human T-cell leukemia virus type 1 Tax on primary human dendritic cells. <b>2006</b> , 12, 47-59	21
1299	Advances in potential M-protein peptide-based vaccines for preventing rheumatic fever and rheumatic heart disease. <b>2006</b> , 35, 233-48	14

1298	Induction of the interferon response by siRNA is cell type- and duplex length-dependent. <b>2006</b> , 12, 988-93	247
1297	Innate Immunity, Environmental Drivers, and Disease Ecology of Marine and Freshwater Invertebrates. <b>2006</b> , 37, 251-288	213
1296	Expression of nitric oxide synthase isoforms in the mouse kidney: cellular localization and influence by lipopolysaccharide and Toll-like receptor 4. <b>2005</b> , 36, 499-516	22
1295	Human conjunctival epithelial cells lack lipopolysaccharide responsiveness due to deficient expression of MD2 but respond after interferon-gamma priming or soluble MD2 supplementation. <b>2005</b> , 29, 170-81	18
1294	TLR2 is required for the altered transcription of p75NGF receptors in gram positive infection. <b>2006</b> , 31, 297-301	9
1293	The role of interleukine-12 in protection induced by CpG ODN against <i>Listeria monocytogenes</i> in BALB/c and C57BL/6. <b>2006</b> , 14, 197-201	
1292	Negative regulation of intracellular hepatitis C virus replication by interferon regulatory factor 3. <b>2006</b> , 41, 750-7	10
1291	Regulation of Toll-like receptor 4 expression in mouse colon by macrophage migration inhibitory factor. <b>2006</b> , 125, 575-82	20
1290	Toll-like receptor 3 and TICAM genes in catfish: species-specific expression profiles following infection with <i>Edwardsiella ictaluri</i> . <b>2006</b> , 58, 817-30	89
1289	Current topics in human SLE genetics. <b>2006</b> , 28, 97-107	53
1288	The role of toll-like receptors in systemic lupus erythematosus. <b>2006</b> , 28, 131-43	53
1287	Mammalian toll-like receptors: from endogenous ligands to tissue regeneration. <b>2006</b> , 63, 2901-7	101
1286	Toll-like receptors and innate immunity. <b>2006</b> , 84, 712-25	314
1285	Microglia biology in health and disease. <b>2006</b> , 1, 127-37	376
1284	Leukemia virus long terminal repeat activates NFkappaB pathway by a TLR3-dependent mechanism. <b>2006</b> , 345, 390-403	19
1283	Hepatitis C virus NS5B delays cell cycle progression by inducing interferon-beta via Toll-like receptor 3 signaling pathway without replicating viral genomes. <b>2006</b> , 346, 348-62	40
1282	Toll-like receptor (TLR) 2-9 agonists-induced cytokines and chemokines: I. Comparison with T cell receptor-induced responses. <b>2006</b> , 243, 48-57	84
1281	Penta-acylated lipopolisaccharide binds to murine MD-2 but does not induce the oligomerization of TLR4 required for signal transduction. <b>2006</b> , 244, 57-64	10

1280	Towards subtlety: understanding the role of Toll-like receptor signaling in susceptibility to human infections. <b>2006</b> , 120, 1-9	69
1279	Toll-like receptors--novel targets in allergic airway disease (probiotics, friends and relatives). <b>2006</b> , 533, 308-18	48
1278	Neuroinflammation, Oxidative Stress and the Pathogenesis of Parkinson's Disease. <b>2006</b> , 6, 261-281	251
1277	Regulation of mucin expression: mechanistic aspects and implications for cancer and inflammatory diseases. <b>2006</b> , 1765, 189-222	119
1276	Suppression of MyD88- and TRIF-dependent signaling pathways of Toll-like receptor by (-)-epigallocatechin-3-gallate, a polyphenol component of green tea. <b>2006</b> , 72, 850-9	126
1275	Gastrointestinal maturation and feeding. <b>2006</b> , 30, 77-80	30
1274	Toll-like receptors, inflammation and cancer. <b>2006</b> , 16, 32-7	112
1273	Quantitative measurement of nuclear translocation events using similarity analysis of multispectral cellular images obtained in flow. <b>2006</b> , 311, 117-29	196
1272	Multiple toll-like receptor agonists act as potent adjuvants in the induction of autoimmunity. <b>2006</b> , 172, 94-103	68
1271	Expression and distribution of Toll-like receptors in the brain during murine neurocysticercosis. <b>2006</b> , 181, 46-56	129
1270	Preterm delivery induced by LPS in syngeneically impregnated BALB/c and NOD/SCID mice. <b>2006</b> , 71, 87-101	25
1269	Mechanisms of type I food allergy. <b>2006</b> , 112, 787-98	48
1268	The 2-aminogluconate isomer of rhizobium sin-1 lipid A can antagonize TNF-alpha production induced by enteric LPS. <b>2006</b> , 7, 140-8	10
1267	New prospects for autoimmune disease therapy: B cells on deathwatch. <b>2006</b> , 54, 1-9	34
1266	Induction of interferon-alpha by immune complexes or liposomes containing systemic lupus erythematosus autoantigen- and Sjögren's syndrome autoantigen-associated RNA. <b>2006</b> , 54, 1917-27	185
1265	Influenza H2 haemagglutinin activates B cells via a MyD88-dependent pathway. <b>2006</b> , 36, 95-106	18
1264	Systemic application of CpG-rich DNA suppresses adaptive T cell immunity via induction of IDO. <b>2006</b> , 36, 12-20	143
1263	Toll-like receptor stimulation as a third signal required for activation of human naive B cells. <b>2006</b> , 36, 810-6	324



1262	Toll-like receptor engagement stimulates anti-snRNP autoreactive B cells for activation. <b>2006</b> , 36, 2013-24	21
1261	Tolls for B cells. <b>2006</b> , 36, 798-801	37
1260	Systemic injections of lipopolysaccharide accelerates myelin phagocytosis during Wallerian degeneration in the injured mouse spinal cord. <b>2006</b> , 53, 103-13	80
1259	Toll-like receptor 3 on adult human astrocytes triggers production of neuroprotective mediators. <b>2006</b> , 53, 688-95	229
1258	Stimulation of TLR9 with CpG ODN enhances apoptosis of glioma and prolongs the survival of mice with experimental brain tumors. <b>2006</b> , 54, 526-35	119
1257	Microglia and inflammation: impact on developmental brain injuries. <b>2006</b> , 12, 105-12	100
1256	Toll-like receptors in central nervous system glial inflammation and homeostasis. <b>2006</b> , 83, 711-30	284
1255	Atherosclerosis: immune and inflammatory aspects. <b>2006</b> , 54, 123-31	41
1254	Innate immune response to <i>Anaplasma phagocytophilum</i> contributes to hepatic injury. <b>2006</b> , 13, 806-9	30
1253	Neutrophil function in severe sepsis. <b>2006</b> , 6, 151-8	29
1252	Antiviral defense: interferons and beyond. <b>2006</b> , 203, 1837-41	74
1251	Flagellar activation of epithelial signaling. <b>2006</b> , 34, 548-51	48
1250	Differential roles of CD14 and toll-like receptors 4 and 2 in murine <i>Acinetobacter pneumonia</i> . <b>2006</b> , 173, 122-9	128
1249	Type I interferon as a target of treatment in SLE. <b>2006</b> , 6, 323-30	17
1248	Leptospiral membrane proteins stimulate pro-inflammatory chemokines secretion by renal tubule epithelial cells through toll-like receptor 2 and p38 mitogen activated protein kinase. <b>2006</b> , 21, 898-910	38
1247	The immunological basis of the hygiene hypothesis. <b>2006</b> , 91, 30-48	49
1246	Toll-like receptor 4 defective mice carrying point or null mutations do not show increased susceptibility to <i>Candida albicans</i> in a model of hematogenously disseminated infection. <b>2006</b> , 44, 149-57	36
1245	Matrix regulation of lung injury, inflammation, and repair: the role of innate immunity. <b>2006</b> , 3, 401-4	84

1244	Endotoxin, TLR4 signaling and vascular inflammation: potential therapeutic targets in cardiovascular disease. <b>2006</b> , 12, 4229-45	98
1243	C-type lectins on dendritic cells and their interaction with pathogen-derived and endogenous glycoconjugates. <b>2006</b> , 7, 283-94	19
1242	Pyrogenicity of CpG-DNA in mice: role of interleukin-6, cyclooxygenases, and nuclear factor-kappaB. <b>2006</b> , 290, R871-80	37
1241	Flagellin/TLR5 responses in epithelia reveal intertwined activation of inflammatory and apoptotic pathways. <b>2006</b> , 290, G96-G108	102
1240	Negative regulators of toll-like receptor 4-mediated macrophage inflammatory response. <b>2006</b> , 12, 4143-53	27
1239	Dendritic cells in pathogen recognition and induction of immune responses: a functional genomics approach. <b>2006</b> , 79, 913-6	32
1238	Expression of Toll-like receptors (TLR) and responsiveness to TLR agonists by polarized mouse uterine epithelial cells in culture. <b>2006</b> , 75, 131-9	43
1237	HIV interactions with dendritic cells: has our focus been too narrow?. <b>2006</b> , 80, 1001-12	14
1236	The molecular structure of the TLR3 extracellular domain. <b>2006</b> , 12, 375-8	28
1235	Lipoteichoic acid increases TLR and functional chemokine expression while reducing dentin formation in in vitro differentiated human odontoblasts. <b>2006</b> , 176, 2880-7	134
1234	Dysregulated Toll-like receptor expression and signaling in bone marrow-derived macrophages at the onset of diabetes in the non-obese diabetic mouse. <b>2006</b> , 18, 1101-13	102
1233	Dendritic cells at the oral mucosal interface. <b>2006</b> , 85, 678-89	140
1232	Toll-like receptors and corneal innate immunity. <b>2006</b> , 6, 327-37	94
1231	Recognition of fungal pathogens by toll-like receptors. <b>2006</b> , 12, 4195-201	112
1230	Regulation of Toll-like receptor 4-induced proasthmatic changes in airway smooth muscle function by opposing actions of ERK1/2 and p38 MAPK signaling. <b>2006</b> , 291, L324-33	43
1229	Lymphoma and the control of B cell growth and differentiation. <b>2006</b> , 6, 291-308	29
1228	Defining a Role for Mucosal Immunity in the Prevention and Pathogenesis of Respiratory Allergic Diseases. <b>2006</b> , 2, 157-167	1
1227	Toll-like receptors in human infectious diseases. <b>2006</b> , 12, 4173-84	7

1226	Killed <i>Candida albicans</i> yeasts and hyphae inhibit gamma interferon release by murine natural killer cells. <b>2006</b> , 74, 1403-6	27
1225	'Toll' gates for future immunotherapy. <b>2006</b> , 12, 4135-42	58
1224	A potent adjuvant monophosphoryl lipid A triggers various immune responses, but not secretion of IL-1beta or activation of caspase-1. <b>2006</b> , 176, 1203-8	64
1223	The role of TLR2 in vivo following challenge with <i>Staphylococcus aureus</i> and prototypic ligands. <b>2006</b> , 177, 8154-63	68
1222	Toll-like receptor 4 in rat prostate: modulation by testosterone and acute bacterial infection in epithelial and stromal cells. <b>2006</b> , 75, 664-72	42
1221	Mycobacteria induce IFN-gamma production in human dendritic cells via triggering of TLR2. <b>2006</b> , 176, 5173-82	58
1220	Recombinant <i>Eimeria</i> protozoan protein elicits resistance to acute phlebovirus infection in mice but not hamsters. <b>2006</b> , 50, 2023-9	22
1219	A polymorphism in Toll-interleukin 1 receptor domain containing adaptor protein is associated with susceptibility to meningeal tuberculosis. <b>2006</b> , 194, 1127-1134	151
1218	Distinct responses of lung and spleen dendritic cells to the TLR9 agonist CpG oligodeoxynucleotide. <b>2006</b> , 177, 2373-83	46
1217	CD4+ T regulatory cell induction and function in transplant recipients after CD154 blockade is TLR4 independent. <b>2006</b> , 176, 5988-94	35
1216	NF- $\kappa$ B/Rel Transcription Factor Family. <b>2006</b> ,	3
1215	Transcriptional noise and cellular heterogeneity in mammalian macrophages. <b>2006</b> , 361, 495-506	25
1214	Successful allogeneic hemopoietic stem cell transplantation in a child who had anhidrotic ectodermal dysplasia with immunodeficiency. <b>2006</b> , 118, e205-11	48
1213	Organ-specific role of MyD88 for gene regulation during polymicrobial peritonitis. <b>2006</b> , 74, 3618-32	18
1212	Cutting edge: TREM-2 attenuates macrophage activation. <b>2006</b> , 177, 3520-4	431
1211	A bacterial carbohydrate links innate and adaptive responses through Toll-like receptor 2. <b>2006</b> , 203, 2853-63	208
1210	West Nile virus evades activation of interferon regulatory factor 3 through RIG-I-dependent and -independent pathways without antagonizing host defense signaling. <b>2006</b> , 80, 2913-23	147
1209	Efficient immunization and cross-priming by vaccine adjuvants containing TLR3 or TLR9 agonists complexed to cationic liposomes. <b>2006</b> , 176, 7335-45	201

1208	TLR agonists abrogate costimulation blockade-induced prolongation of skin allografts. <b>2006</b> , 176, 1561-70	115
1207	Role for TLR2 in NK cell-mediated control of murine cytomegalovirus in vivo. <b>2006</b> , 80, 4286-91	107
1206	Autoreactive B cell responses to RNA-related antigens due to TLR7 gene duplication. <b>2006</b> , 312, 1669-72	793
1205	Baculovirus-derived human immunodeficiency virus type 1 virus-like particles activate dendritic cells and induce ex vivo T-cell responses. <b>2006</b> , 80, 9134-43	100
1204	The functional effects of physical interactions among Toll-like receptors 7, 8, and 9. <b>2006</b> , 281, 37427-34	99
1203	Central role for MyD88 in the responses of microglia to pathogen-associated molecular patterns. <b>2006</b> , 176, 6802-11	75
1202	The wild-derived inbred mouse strain SPRET/Ei is resistant to LPS and defective in IFN-beta production. <b>2006</b> , 103, 2292-7	54
1201	Francisella tularensis LPS induces the production of cytokines in human monocytes and signals via Toll-like receptor 4 with much lower potency than E. coli LPS. <b>2006</b> , 18, 785-95	57
1200	Escherichia coli strain Nissle 1917 ameliorates experimental colitis via toll-like receptor 2- and toll-like receptor 4-dependent pathways. <b>2006</b> , 74, 4075-82	146
1199	Angiotensin II upregulates toll-like receptor 4 on mesangial cells. <b>2006</b> , 17, 1585-93	74
1198	Combination immunotherapy and photodynamic therapy for cancer. <b>2006</b> ,	1
1197	CpG-induced tyrosine phosphorylation occurs via a TLR9-independent mechanism and is required for cytokine secretion. <b>2006</b> , 172, 1057-68	107
1196	Analysis of plasmacytoid and myeloid dendritic cells in nasal epithelium. <b>2006</b> , 13, 1278-86	42
1195	Toll-like receptor 2 agonists exacerbate accelerated nephrotoxic nephritis. <b>2006</b> , 17, 1931-9	48
1194	Reversible deficiency of antimicrobial polypeptides in bacterial vaginosis. <b>2006</b> , 74, 5693-702	106
1193	Modulation of neonatal microbial recognition: TLR-mediated innate immune responses are specifically and differentially modulated by human milk. <b>2006</b> , 176, 3742-52	107
1192	Slamming the door on unwanted guests: why preemptive strikes at the mucosa may be the best strategy against HIV. <b>2006</b> , 80, 1076-83	15
1191	Toll-like receptor 2 is required for inflammatory responses to Francisella tularensis LVS. <b>2006</b> , 74, 2809-16	115

1190	Genetics of Asthma and Chronic Obstructive Pulmonary Disease. <b>2006,</b>	0
1189	Is genetic vaccination against allergy possible?. <b>2006,</b> 139, 332-45	30
1188	Engagement of CD14 mediates the inflammatory potential of monosodium urate crystals. <b>2006,</b> 177, 6370-8	120
1187	The Fas-associated death domain protein is required in apoptosis and TLR-induced proliferative responses in B cells. <b>2006,</b> 176, 6852-61	70
1186	The role of epithelial cells in the initiation and perpetuation of autoimmune lesions: lessons from Sjogren's syndrome (autoimmune epithelitis). <b>2006,</b> 15, 255-61	66
1185	An indispensable role of type-1 IFNs for inducing CTL-mediated complete eradication of established tumor tissue by CpG-liposome co-encapsulated with model tumor antigen. <b>2006,</b> 18, 425-34	37
1184	Immunostimulatory combinations: designing the next generation of vaccine adjuvants. <b>2006,</b> 80, 1084-102	60
1183	Impact of protein kinase PKR in cell biology: from antiviral to antiproliferative action. <b>2006,</b> 70, 1032-60	565
1182	Murine TLR4 is implicated in cigarette smoke-induced pulmonary inflammation. <b>2006,</b> 141, 354-68	81
1181	CCR4 is a key modulator of innate immune responses. <b>2006,</b> 177, 7531-9	43
1180	The effects of HIV infection on oral mucosal immunity. <b>2006,</b> 19, 29-35	57
1179	Toll-like receptors: sentinels of host defence against bacterial infection. <b>2006,</b> 139, 75-85	44
1178	Yellow fever vaccine YF-17D activates multiple dendritic cell subsets via TLR2, 7, 8, and 9 to stimulate polyvalent immunity. <b>2006,</b> 203, 413-24	426
1177	The arginase II gene is an anti-inflammatory target of liver X receptor in macrophages. <b>2006,</b> 281, 32197-206	73
1176	Cytoplasmic targeting motifs control localization of toll-like receptor 9. <b>2006,</b> 281, 35585-92	70
1175	The interaction of macrophage receptors with bacterial ligands. <b>2006,</b> 8, 1-25	82
1174	Importance of heat-labile enterotoxin in colonization of the adult mouse small intestine by human enterotoxigenic Escherichia coli strains. <b>2006,</b> 74, 869-75	98
1173	MyD88 innate immune function in a zebrafish embryo infection model. <b>2006,</b> 74, 2436-41	139

1172	Toll-like receptor 2 mediates alveolar macrophage response to <i>Pneumocystis murina</i> . <b>2006</b> , 74, 1857-64	52
1171	New Targets, New Agents, and the Evolving Phenomena of Drug Resistance in Cancer. <b>2006</b> , 2, 23-30	1
1170	CpG oligodeoxynucleotide prolongs eosinophil survival through activation of contaminating B cells and plasmacytoid dendritic cells in vitro. <b>2006</b> , 140 Suppl 1, 42-50	8
1169	Endotoxin-induced expression of murine bactericidal permeability/increasing protein is mediated exclusively by toll/IL-1 receptor domain-containing adaptor inducing IFN-beta-dependent pathways. <b>2006</b> , 176, 522-8	27
1168	Regulatory roles for MD-2 and TLR4 in ligand-induced receptor clustering. <b>2006</b> , 176, 6211-8	138
1167	CXCR3+CD4+ T cells mediate innate immune function in the pathophysiology of liver ischemia/reperfusion injury. <b>2006</b> , 176, 6313-22	49
1166	TLR9 is required for the gut-associated lymphoid tissue response following oral infection of <i>Toxoplasma gondii</i> . <b>2006</b> , 176, 7589-97	113
1165	A protein associated with toll-like receptor 4 (PRAT4A) regulates cell surface expression of TLR4. <b>2006</b> , 177, 1772-9	87
1164	IRF-1 deficiency skews the differentiation of dendritic cells toward plasmacytoid and tolerogenic features. <b>2006</b> , 80, 1500-11	42
1163	p50 nuclear factor-kappaB overexpression in tumor-associated macrophages inhibits M1 inflammatory responses and antitumor resistance. <b>2006</b> , 66, 11432-40	339
1162	Topical vitamin D3 and low-calcemic analogs induce thymic stromal lymphopoietin in mouse keratinocytes and trigger an atopic dermatitis. <b>2006</b> , 103, 11736-41	328
1161	The role of caspase-3 in lipopolysaccharide-mediated disruption of intestinal epithelial tight junctions. <b>2006</b> , 84, 1043-50	72
1160	Host defence against disseminated <i>Candida albicans</i> infection and implications for antifungal immunotherapy. <b>2006</b> , 6, 891-903	39
1159	Gut-Associated Lymphoid Tissues. <b>2006</b> ,	1
1158	TLR2 stimulation of intrinsic renal cells in the induction of immune-mediated glomerulonephritis. <b>2006</b> , 177, 1925-31	56
1157	Toll-like receptor adaptor molecules enhance DNA-raised adaptive immune responses against influenza and tumors through activation of innate immunity. <b>2006</b> , 80, 6218-24	72
1156	Tumor necrosis factor alpha enhances influenza A virus-induced expression of antiviral cytokines by activating RIG-I gene expression. <b>2006</b> , 80, 3515-22	111
1155	In vivo and in vitro regulation of type I IFN synthesis by synergistic effects of CD40 and type II IFN. <b>2006</b> , 176, 5995-6003	5

1154	Regulation of allergic airway inflammation through Toll-like receptor 4-mediated modification of mast cell function. <b>2006</b> , 103, 2286-91	129
1153	MyD88-dependent IFN-gamma production by NK cells is key for control of Legionella pneumophila infection. <b>2006</b> , 176, 6162-71	92
1152	TLR-dependent induction of IFN-beta mediates host defense against Trypanosoma cruzi. <b>2006</b> , 177, 7059-66	78
1151	Oligodeoxynucleotides differentially modulate activation of TLR7 and TLR8 by imidazoquinolines. <b>2006</b> , 177, 8164-70	76
1150	CpG DNA activates survival in murine macrophages through TLR9 and the phosphatidylinositol 3-kinase-Akt pathway. <b>2006</b> , 177, 4473-80	56
1149	ERK and p38 MAPK signaling pathways negatively regulate CIITA gene expression in dendritic cells and macrophages. <b>2006</b> , 177, 70-6	44
1148	TLRs mediate IFN-gamma production by human uterine NK cells in endometrium. <b>2006</b> , 176, 6219-24	69
1147	TLR7/8 triggering exerts opposing effects in acute versus latent HIV infection. <b>2006</b> , 176, 2888-95	98
1146	Membrane sorting of toll-like receptor (TLR)-2/6 and TLR2/1 heterodimers at the cell surface determines heterotypic associations with CD36 and intracellular targeting. <b>2006</b> , 281, 31002-11	337
1145	Cutting edge: activation of murine TLR8 by a combination of imidazoquinoline immune response modifiers and polyT oligodeoxynucleotides. <b>2006</b> , 177, 6584-7	168
1144	Agonistic antibody to TLR4/MD-2 protects mice from acute lethal hepatitis induced by TNF-alpha. <b>2006</b> , 176, 4244-51	26
1143	Cutting edge: TLR9 and TLR2 signaling together account for MyD88-dependent control of parasitemia in Trypanosoma cruzi infection. <b>2006</b> , 177, 3515-9	243
1142	Notch-1 up-regulation and signaling following macrophage activation modulates gene expression patterns known to affect antigen-presenting capacity and cytotoxic activity. <b>2006</b> , 176, 5362-73	134
1141	Antitumor activity of the TLR-5 ligand flagellin in mouse models of cancer. <b>2006</b> , 176, 6624-30	122
1140	Differential restoration of myeloid and plasmacytoid dendritic cells in HIV-1-infected children after treatment with highly active antiretroviral therapy. <b>2006</b> , 176, 5644-51	48
1139	The mycobacterial 38-kilodalton glycolipoprotein antigen activates the mitogen-activated protein kinase pathway and release of proinflammatory cytokines through Toll-like receptors 2 and 4 in human monocytes. <b>2006</b> , 74, 2686-96	117
1138	Cytokines in atherosclerosis: pathogenic and regulatory pathways. <b>2006</b> , 86, 515-81	1222
1137	Human cytomegalovirus envelope glycoproteins B and H are necessary for TLR2 activation in permissive cells. <b>2006</b> , 177, 7094-102	244

1136	Dynamic regulation of pro- and anti-inflammatory cytokines by MAPK phosphatase 1 (MKP-1) in innate immune responses. <b>2006</b> , 103, 2274-9	476
1135	Gene expression patterns and susceptibility to allergic responses. <b>2006</b> , 2, 59-73	8
1134	Toll-like receptor modulation in cardiovascular disease: a target for intervention?. <b>2006</b> , 15, 857-71	12
1133	Toll-Like Receptors and Pregnancy. <b>2006</b> , 15-25	2
1132	Pathogen-accelerated atherosclerosis occurs early after exposure and can be prevented via immunization. <b>2006</b> , 74, 1376-80	45
1131	Rac1 negatively regulates lipopolysaccharide-induced IL-23 p19 expression in human macrophages and dendritic cells and NF-kappaB p65 trans activation plays a novel role. <b>2006</b> , 177, 4550-7	33
1130	An alpha-glucan of <i>Pseudallescheria boydii</i> is involved in fungal phagocytosis and Toll-like receptor activation. <b>2006</b> , 281, 22614-23	109
1129	VP1686, a <i>Vibrio</i> type III secretion protein, induces toll-like receptor-independent apoptosis in macrophage through NF-kappaB inhibition. <b>2006</b> , 281, 36897-904	54
1128	Intestinal microvascular endothelium and innate immunity in inflammatory bowel disease: a second line of defense?. <b>2006</b> , 74, 5425-32	32
1127	Expression of toll-like receptors by human muscle cells in vitro and in vivo: TLR3 is highly expressed in inflammatory and HIV myopathies, mediates IL-8 release and up-regulation of NKG2D-ligands. <b>2006</b> , 20, 118-20	73
1126	Prostaglandin E2 is generally required for human dendritic cell migration and exerts its effect via EP2 and EP4 receptors. <b>2006</b> , 176, 966-73	159
1125	Herpes simplex virus 1 (HSV-1) DNA and immune complex (HSV-1-human IgG) elicit vigorous interleukin 6 release from infected corneal cells via Toll-like receptors. <b>2006</b> , 87, 2161-2169	43
1124	<i>Mycobacterium tuberculosis</i> LprA is a lipoprotein agonist of TLR2 that regulates innate immunity and APC function. <b>2006</b> , 177, 422-9	166
1123	MyD88-dependent signaling for IL-15 production plays an important role in maintenance of CD8 alpha alpha TCR alpha beta and TCR gamma delta intestinal intraepithelial lymphocytes. <b>2006</b> , 176, 6180-5	65
1122	Rickettsial Diseases. <b>2007</b> ,	16
1121	Regulation of IL-27 p28 gene expression in macrophages through MyD88- and interferon-gamma-mediated pathways. <b>2007</b> , 204, 141-52	144
1120	A cellular micro-RNA, let-7i, regulates Toll-like receptor 4 expression and contributes to cholangiocyte immune responses against <i>Cryptosporidium parvum</i> infection. <b>2007</b> , 282, 28929-28938	354
1119	Avian genomics and the innate immune response to viruses. <b>2007</b> , 117, 207-12	7



1118	The interaction between the ER membrane protein UNC93B and TLR3, 7, and 9 is crucial for TLR signaling. <b>2007</b> , 177, 265-75	349
1117	Transcription factor expression in lipopolysaccharide-activated peripheral-blood-derived mononuclear cells. <b>2007</b> , 104, 16245-50	51
1116	Alternative activation is an innate response to injury that requires CD4+ T cells to be sustained during chronic infection. <b>2007</b> , 179, 3926-36	214
1115	Negative regulation of the RIG-I signaling by the ubiquitin ligase RNF125. <b>2007</b> , 104, 7500-5	325
1114	Primary development and participation in a foreign antigen-driven immune response of a chromatin-reactive B cell clonotype are not influenced by TLR9 or other MyD88-dependent TLRs. <b>2007</b> , 179, 6663-72	3
1113	Innate immunity and transcription of MGAT-III and Toll-like receptors in Alzheimer's disease patients are improved by bisdemethoxycurcumin. <b>2007</b> , 104, 12849-54	186
1112	Antibiotic administration early in life impairs specific humoral responses to an oral antigen and increases intestinal mast cell numbers and mediator concentrations. <b>2007</b> , 14, 190-7	15
1111	Acylation determines the toll-like receptor (TLR)-dependent positive versus TLR2-, mannose receptor-, and SIGNR1-independent negative regulation of pro-inflammatory cytokines by mycobacterial lipomannan. <b>2007</b> , 282, 26014-25	80
1110	Enhanced IL-10 production by TLR4- and TLR2-primed dendritic cells upon TLR restimulation. <b>2007</b> , 178, 6173-80	75
1109	Malaria hemozoin is immunologically inert but radically enhances innate responses by presenting malaria DNA to Toll-like receptor 9. <b>2007</b> , 104, 1919-24	406
1108	Paired Ig-like receptors bind to bacteria and shape TLR-mediated cytokine production. <b>2007</b> , 178, 4250-9	71
1107	Effect of the purinergic receptor P2X7 on Chlamydia infection in cervical epithelial cells and vaginally infected mice. <b>2007</b> , 179, 3707-14	57
1106	PECAM-1 ligation negatively regulates TLR4 signaling in macrophages. <b>2007</b> , 179, 7344-51	38
1105	TLR9 expression and function is abolished by the cervical cancer-associated human papillomavirus type 16. <b>2007</b> , 178, 3186-97	256
1104	Histamine directly and synergistically with lipopolysaccharide stimulates cyclooxygenase-2 expression and prostaglandin I(2) and E(2) production in human coronary artery endothelial cells. <b>2007</b> , 179, 7899-906	34
1103	Age-associated defect in human TLR-1/2 function. <b>2007</b> , 178, 970-5	254
1102	Distinct roles of different NF-kappa B subunits in regulating inflammatory and T cell stimulatory gene expression in dendritic cells. <b>2007</b> , 178, 6777-88	78
1101	Porphyromonas gingivalis selectively up-regulates the HIV-1 coreceptor CCR5 in oral keratinocytes. <b>2007</b> , 179, 2542-50	36

1100	Cellular recognition of trimyristoylated peptide or enterobacterial lipopolysaccharide via both TLR2 and TLR4. <b>2007</b> , 282, 13190-8	34
1099	COPs and POPs: modulators of inflammasome activity. <b>2007</b> , 179, 7993-8	106
1098	Recognition of double-stranded RNA by TLR3 induces severe small intestinal injury in mice. <b>2007</b> , 178, 4548-56	89
1097	IFN-alpha is not sufficient to drive Th1 development due to lack of stable T-bet expression. <b>2007</b> , 179, 3792-803	36
1096	Single-stranded RNA derived from HIV-1 serves as a potent activator of NK cells. <b>2007</b> , 178, 7658-66	87
1095	Manipulating the rate of memory CD8+ T cell generation after acute infection. <b>2007</b> , 179, 53-63	91
1094	The polymorphism P315L of human toll-like receptor 1 impairs innate immune sensing of microbial cell wall components. <b>2007</b> , 178, 6387-94	76
1093	Dendritic cells trigger tumor cell death by a nitric oxide-dependent mechanism. <b>2007</b> , 179, 812-8	31
1092	Differential modulation of Nods signaling pathways by fatty acids in human colonic epithelial HCT116 cells. <b>2007</b> , 282, 11618-28	88
1091	Liver X receptor activation potentiates the lipopolysaccharide response in human macrophages. <b>2007</b> , 101, 40-9	103
1090	Resident Vdelta1+ gammadelta T cells control early infiltration of neutrophils after Escherichia coli infection via IL-17 production. <b>2007</b> , 178, 4466-72	402
1089	The lipopolysaccharide adjuvant effect on T cells relies on nonoverlapping contributions from the MyD88 pathway and CD11c+ cells. <b>2007</b> , 179, 6524-35	32
1088	Current Topics in Innate Immunity. <b>2007</b> ,	2
1087	Toll-like receptor signaling is critical for Wallerian degeneration and functional recovery after peripheral nerve injury. <b>2007</b> , 27, 12565-76	197
1086	Toll-like receptor (TLR4) shedding and depletion: acute proximal tubular cell responses to hypoxic and toxic injury. <b>2007</b> , 292, F304-12	52
1085	Disruption of innate-mediated proinflammatory cytokine and reactive oxygen species third signal leads to antigen-specific hyporesponsiveness. <b>2007</b> , 178, 908-17	78
1084	Synthesis and characterization of a dipalmitoylated lipopeptide derived from paralogous lipoproteins of Mycoplasma pneumoniae. <b>2007</b> , 75, 2253-9	24
1083	Redundant Toll-like receptor signaling in the pulmonary host response to Pseudomonas aeruginosa. <b>2007</b> , 292, L312-22	108

1082	Expression of Toll-like receptors in cultured nasal epithelial cells. <b>2007</b> , 127, 395-402	27
1081	Low CD4 T cell immunity to pneumolysin is associated with nasopharyngeal carriage of pneumococci in children. <b>2007</b> , 195, 1194-202	73
1080	Genetic variations of Toll-like receptor 9 predispose to systemic lupus erythematosus in Japanese population. <b>2007</b> , 66, 905-9	128
1079	AM3 modulates dendritic cell pathogen recognition capabilities by targeting DC-SIGN. <b>2007</b> , 51, 2313-23	13
1078	The PYRIN domain in signal transduction. <b>2007</b> , 8, 293-310	20
1077	Designing recombinant vaccines with viral properties: a rational approach to more effective vaccines. <b>2007</b> , 7, 143-55	67
1076	Microglial signal transduction as a target of alcohol action in the brain. <b>2007</b> , 4, 131-42	23
1075	Expression of MCP-4 by TLR ligand-stimulated nasal polyp fibroblasts. <b>2007</b> , 127, 1304-9	7
1074	Diesel-enriched particulate matter functionally activates human dendritic cells. <b>2007</b> , 37, 706-19	87
1073	MyD88-dependent changes in the pulmonary transcriptome after infection with Chlamydia pneumoniae. <b>2007</b> , 30, 134-45	31
1072	Principles of Red Blood Cell Allo- and Autoantibody Formation and Function. <b>2007</b> , 43-52	
1071	Monocyte p110alpha phosphatidylinositol 3-kinase regulates phagocytosis, the phagocyte oxidase, and cytokine production. <b>2007</b> , 81, 1548-61	33
1070	Toll-Like Receptors in Vertebrates. <b>2007</b> , 1-7	
1069	Activation of the innate immune system in atherosclerotic disease. <b>2007</b> , 13, 983-94	28
1068	Detuning CD8 T cells: down-regulation of CD8 expression, tetramer binding, and response during CTL activation. <b>2007</b> , 204, 2667-77	86
1067	Type 1 cytokine/chemokine production by mouse NK cells following activation of their TLR/MyD88-mediated pathways. <b>2007</b> , 19, 311-20	69
1066	Safety and immunogenicity of CVD 1208S, a live, oral DeltaguaBA Deltasen Deltaset Shigella flexneri 2a vaccine grown on animal-free media. <b>2007</b> , 3, 268-75	58
1065	Differential regulation of Toll-like receptor 4 gene expression in renal cells by angiotensin II: dependency on AP1 and PU.1 transcriptional sites. <b>2007</b> , 27, 308-14	40

1064	Expression of TLR4 and TLR9 mRNA in Lewis rats with experimental allergic neuritis. <b>2007</b> , 14, 337-43	17
1063	Increased mucosal expression of Toll-like receptor (TLR)2 and TLR4 in coeliac disease. <b>2007</b> , 45, 187-93	69
1062	Sinonasal epithelial cell expression of toll-like receptor 9 is decreased in chronic rhinosinusitis with polyps. <b>2007</b> , 21, 110-6	85
1061	Heat shock protein 72 (HSPA1B) gene polymorphism and Toll-like receptor (TLR) 4 mutation are associated with increased risk of urinary tract infection in children. <b>2007</b> , 61, 371-4	69
1060	Signal transduction pathways of tumor necrosis factor--mediated lung injury induced by ozone in mice. <b>2007</b> , 175, 829-39	72
1059	Evidence of in vitro differential secretion of 72 and 92 kDa type IV collagenases after selective exposure to lipopolysaccharide in human fetal membranes. <b>2007</b> , 13, 409-18	20
1058	Onchocerca volvulus, Wolbachia and river blindness. <b>2007</b> , 92, 254-265	20
1057	Plasmodium falciparum infection causes proinflammatory priming of human TLR responses. <b>2007</b> , 179, 162-71	92
1056	Differential effect of Listeria monocytogenes infection on cytokine production and cytotoxicity of CD8 T cells. <b>2007</b> , 51, 893-901	1
1055	Expression and distribution of very late antigen-5 in mouse peritoneal macrophages upon ingestion of fibronectin-bound Staphylococcus aureus. <b>2007</b> , 51, 63-71	5
1054	Pattern Recognition Receptor. <b>2007</b> ,	1
1053	CpG-B ODNs potently induce low levels of IFN- $\alpha$ and induce IFN- $\alpha$ -dependent MHC-I cross-presentation in DCs as effectively as CpG-A and CpG-C ODNs. <b>2007</b> , 81, 1075-85	31
1052	Legionella pneumophila infection up-regulates dendritic cell Toll-like receptor 2 (TLR2)/TLR4 expression and key maturation markers. <b>2007</b> , 75, 3205-8	11
1051	Activation of toll-like receptors 2 or 3 and preterm delivery in the mouse. <b>2007</b> , 14, 315-20	110
1050	IFN- $\gamma$ negatively regulates CpG-induced IL-10 in bone marrow-derived dendritic cells. <b>2007</b> , 178, 211-8	24
1049	Role of Toll-like receptor 2 in recognition of Legionella pneumophila in a murine pneumonia model. <b>2007</b> , 56, 305-312	52
1048	Type I interferons produced by hematopoietic cells protect mice against lethal infection by mammalian reovirus. <b>2007</b> , 204, 1349-58	63
1047	Role of MyD88 in route-dependent susceptibility to vesicular stomatitis virus infection. <b>2007</b> , 178, 5173-81	40

1046	Selective use of TRAM in lipopolysaccharide (LPS) and lipoteichoic acid (LTA) induced NF-kappaB activation and cytokine production in primary human cells: TRAM is an adaptor for LPS and LTA signaling. <b>2007</b> , 178, 2148-54	36
1045	Interleukin-18: a pro-inflammatory cytokine that plays an important role in acute pancreatitis. <b>2007</b> , 11, 1261-71	21
1044	Listeria monocytogenes promotes tumor growth via tumor cell toll-like receptor 2 signaling. <b>2007</b> , 67, 4346-52	160
1043	Toll-like receptor 4 polymorphisms and idiopathic chromosomally normal miscarriage. <b>2007</b> , 22, 440-3	14
1042	Tolls: you pay them on the way in and on the way out!. <b>2007</b> , 196, 497-8	10
1041	Toll-like receptor-4 mediates vascular inflammation and insulin resistance in diet-induced obesity. <b>2007</b> , 100, 1589-96	431
1040	Deficiencies of myeloid differentiation factor 88, Toll-like receptor 2 (TLR2), or TLR4 produce specific defects in macrophage cytokine secretion induced by Helicobacter pylori. <b>2007</b> , 75, 2408-14	64
1039	Susceptibility of human female primary genital epithelial cells to herpes simplex virus, type-2 and the effect of TLR3 ligand and sex hormones on infection. <b>2007</b> , 77, 1049-59	53
1038	Lamprey TLRs with properties distinct from those of the variable lymphocyte receptors. <b>2007</b> , 178, 397-406	52
1037	Cutting edge: TLR2 directly triggers Th1 effector functions. <b>2007</b> , 178, 6715-9	160
1036	TLR agonists selectively promote terminal plasma cell differentiation of B cell subsets specialized in thymus-independent responses. <b>2007</b> , 178, 7779-86	224
1035	B cell receptor cross-talk: exposure to lipopolysaccharide induces an alternate pathway for B cell receptor-induced ERK phosphorylation and NF-kappa B activation. <b>2007</b> , 179, 229-35	31
1034	TLR4 on follicular dendritic cells: an activation pathway that promotes accessory activity. <b>2007</b> , 179, 4444-50	36
1033	Characterization and investigation of single nucleotide polymorphisms and a novel TLR2 mutation in the human TLR2 gene. <b>2007</b> , 16, 1225-32	45
1032	Pathogen-specific innate immune response. <b>2007</b> , 598, 342-57	20
1031	ST2, an IL-1R family member, attenuates inflammation and lethality after intestinal ischemia and reperfusion. <b>2007</b> , 81, 492-9	43
1030	Staphylococcus aureus protein A triggers T cell-independent B cell proliferation by sensitizing B cells for TLR2 ligands. <b>2007</b> , 178, 2803-12	84
1029	Quantitative expansion of ES cell-derived myeloid progenitors capable of differentiating into macrophages. <b>2007</b> , 81, 711-9	20

1028	Gene expression profiles differentiate between sterile SIRS and early sepsis. <b>2007</b> , 245, 611-21	85
1027	The effect of altered Toll-like receptor 4 signaling on cancer cachexia. <b>2007</b> , 133, 1263-9	22
1026	Toll-like receptor-4 is up-regulated in hematopoietic progenitor cells and contributes to increased apoptosis in myelodysplastic syndromes. <b>2007</b> , 13, 1154-60	94
1025	Cutting edge: A common polymorphism impairs cell surface trafficking and functional responses of TLR1 but protects against leprosy. <b>2007</b> , 178, 7520-4	206
1024	Association between Toll-like receptor gene cluster (TLR6, TLR1, and TLR10) and prostate cancer. <b>2007</b> , 16, 1982-9	33
1023	Tubulation of class II MHC compartments is microtubule dependent and involves multiple endolysosomal membrane proteins in primary dendritic cells. <b>2007</b> , 178, 7199-210	103
1022	Lack of essential role of NF-kappa B p50, RelA, and cRel subunits in virus-induced type 1 IFN expression. <b>2007</b> , 178, 6770-6	55
1021	Host-Cell Survival and Death During Chlamydia Infection. <b>2007</b> , 3, 31-40	35
1020	West Nile virus-induced interferon production is mediated by the double-stranded RNA-dependent protein kinase PKR. <b>2007</b> , 81, 11148-58	89
1019	Pivotal Advance: Inhibition of MyD88 dimerization and recruitment of IRAK1 and IRAK4 by a novel peptidomimetic compound. <b>2007</b> , 82, 801-10	132
1018	Cell proliferation and survival induced by Toll-like receptors is antagonized by type I IFNs. <b>2007</b> , 104, 8047-52	62
1017	Microbial products stimulate human Toll-like receptor 2 expression through histone modification surrounding a proximal NF-kappaB-binding site. <b>2007</b> , 282, 31197-205	38
1016	Agonists of Toll-like receptors 3, 4, 7, and 9 are candidates for use as adjuvants in an outer membrane vaccine against Neisseria meningitidis serogroup B. <b>2007</b> , 75, 5939-46	47
1015	.	
1014	Nanotechnologies for Targeted Delivery of Drugs. <b>2007</b> ,	
1013	Selective predisposition to bacterial infections in IRAK-4-deficient children: IRAK-4-dependent TLRs are otherwise redundant in protective immunity. <b>2007</b> , 204, 2407-22	329
1012	Mitochondria contribute to LPS-induced MAPK activation via uncoupling protein UCP2 in macrophages. <b>2007</b> , 402, 271-8	138
1011	The role of TLR2 in the inflammatory activation of mouse fibroblasts by human antiphospholipid antibodies. <b>2007</b> , 109, 1507-14	71

1010	Histone deacetylase activities are required for innate immune cell control of Th1 but not Th2 effector cell function. <b>2007</b> , 109, 1123-30	211
1009	Disease-associated mutations in CIAS1 induce cathepsin B-dependent rapid cell death of human THP-1 monocytic cells. <b>2007</b> , 109, 2903-11	80
1008	Vitamin A potentiates CpG-mediated memory B-cell proliferation and differentiation: involvement of early activation of p38MAPK. <b>2007</b> , 109, 3865-72	49
1007	Group V secretory PLA2 regulates TLR2-dependent eicosanoid generation in mouse mast cells through amplification of ERK and cPLA2alpha activation. <b>2007</b> , 110, 561-7	68
1006	Expression of Tyk2 in dendritic cells is required for IL-12, IL-23, and IFN-gamma production and the induction of Th1 cell differentiation. <b>2007</b> , 110, 553-60	61
1005	Platelet-bound lipopolysaccharide enhances Fc receptor-mediated phagocytosis of IgG-opsonized platelets. <b>2007</b> , 109, 4803-5	104
1004	Regulation of Toll-like receptor-mediated inflammatory response by complement in vivo. <b>2007</b> , 110, 228-36	279
1003	Lysosome-associated small Rab GTPase Rab7b negatively regulates TLR4 signaling in macrophages by promoting lysosomal degradation of TLR4. <b>2007</b> , 110, 962-71	160
1002	TLR4 Agonists as Vaccine Adjuvants. 131-156	5
1001	Gastrointestinal development and meeting the nutritional needs of premature infants. <b>2007</b> , 85, 629S-634S	147
1000	Expression of toll-like receptors in the healthy and herpes simplex virus-infected cornea. <b>2007</b> , 26, 847-52	30
999	"Pathogen-mimicking" nanoparticles for vaccine delivery to dendritic cells. <b>2007</b> , 30, 378-95	129
998	The therapeutic effect of oxidized 1-palmitoyl-2-arachidonoyl-sn-glycero-3-phosphorylcholine in rodents with acute necrotizing pancreatitis and its mechanism. <b>2007</b> , 35, e27-36	6
997	Targeting the toll-system in cardiovascular sciences. <b>2007</b> , 1, 57-67	1
996	Inflammatory arthritis can be reined in by CpG-induced DC-NK cell cross talk. <b>2007</b> , 204, 1911-22	76
995	Nitrogen dioxide promotes allergic sensitization to inhaled antigen. <b>2007</b> , 179, 3680-8	49
994	Toll-like receptor signaling in intestinal epithelial cells contributes to colonic homeostasis. <b>2007</b> , 23, 27-31	56
993	Neonatal immune responses to coagulase-negative staphylococci. <b>2007</b> , 20, 370-5	45

992	The inflammatory response to ischemic acute kidney injury: a result of the 'right stuff' in the 'wrong place'?. <b>2007</b> , 16, 83-9	45
991	Inflammatory changes in preeclampsia: current understanding of the maternal innate and adaptive immune response. <b>2007</b> , 62, 191-201	63
990	Recent developments in patents targeting Toll-like receptor genes. <b>2007</b> , 1, 227-39	1
989	Moyens de défense anti-infectieux, relation hôte-parasite. <b>2007</b> , 2, 1-5	
988	Vaccination with recombinant fusion proteins incorporating Toll-like receptor ligands induces rapid cellular and humoral immunity. <b>2007</b> , 25, 763-75	214
987	The bacterial second messenger cyclic diGMP exhibits potent adjuvant properties. <b>2007</b> , 25, 1464-9	70
986	Multiple CD4 and CD8 T-cell activation parameters predict vaccine efficacy in vivo mediated by individual DC-activating agonists. <b>2007</b> , 25, 1379-89	42
985	Mucosal immunisation of mice with malaria protein on lactic acid bacterial cell walls. <b>2007</b> , 25, 3636-45	12
984	Human receptors of innate immunity (CD14, TLR2) are promising targets for novel recombinant immunoglobulin-based vaccine candidates. <b>2007</b> , 25, 4723-34	8
983	Innate immune sensing of pathogens and danger signals by cell surface Toll-like receptors. <b>2007</b> , 19, 3-10	402
982	Regulation of lupus-related autoantibody production and clinical disease by Toll-like receptors. <b>2007</b> , 19, 11-23	132
981	Control of intestinal homeostasis by regulatory T cells and dendritic cells. <b>2007</b> , 19, 116-26	96
980	Viral recognition by Toll-like receptors. <b>2007</b> , 19, 33-40	158
979	Preventive and therapeutic antitumor effect of tumor vaccine composed of CpG ODN class C and irradiated tumor cells is triggered through the APCs and activation of CTLs. <b>2007</b> , 25, 8241-56	14
978	Innate immune responses induced by classes of CpG oligodeoxynucleotides in ovine lymph node and blood mononuclear cells. <b>2007</b> , 115, 24-34	26
977	Expression of Toll-like receptors, interleukin 8, macrophage migration inhibitory factor, and osteopontin in tissues from pigs challenged with <i>Salmonella enterica</i> serovar Typhimurium or serovar Choleraesuis. <b>2007</b> , 115, 309-19	33
976	Differential expression of pattern recognition receptors in sheep tissues and leukocyte subsets. <b>2007</b> , 118, 252-62	36
975	Mechanisms for Hsp70 secretion: crossing membranes without a leader. <b>2007</b> , 43, 168-75	149



974	Regulation of TLR expression, a new perspective for the role of VIP in immunity. <b>2007</b> , 28, 1825-32	34
973	Neuroprotective role of the innate immune system by microglia. <b>2007</b> , 147, 867-83	268
972	The interaction of lipopolysaccharide with membrane receptors on macrophages pretreated with extract of Reishi polysaccharides measured by optical tweezers. <b>2007</b> , 15, 11020-32	16
971	Association between toll-like receptor 8 expression and adverse clinical outcomes in patients with enterovirus-associated dilated cardiomyopathy. <b>2007</b> , 154, 581-8	22
970	Role of IL-1 and TNF in the brain: twenty years of progress on a Dr. Jekyll/Mr. Hyde duality of the innate immune system. <b>2007</b> , 21, 281-9	108
969	Sequence and TLR9 independent increase of TRACP expression by antisense DNA and siRNA molecules. <b>2007</b> , 359, 889-95	7
968	Toll-like receptor 9-mediated cytosolic phospholipase A2 activation regulates expression of inducible nitric oxide synthase. <b>2007</b> , 364, 996-1001	11
967	Influence of stress and nutrition on cattle immunity. <b>2007</b> , 23, 105-49	143
966	Allelic variation of the ovine Toll-like receptor 4 gene. <b>2007</b> , 31, 105-8	16
965	Characterization of a RelNF-kappaB homologue in a gastropod abalone, <i>Haliotis diversicolor supertexta</i> . <b>2007</b> , 31, 121-31	60
964	Characterization of twin toll-like receptors from rainbow trout ( <i>Oncorhynchus mykiss</i> ): evolutionary relationship and induced expression by <i>Aeromonas salmonicida salmonicida</i> . <b>2007</b> , 31, 499-510	85
963	Structural characterisation and expression analysis of toll-like receptor 2 gene from catfish. <b>2007</b> , 22, 418-26	86
962	alpha1-Antitrypsin regulates CD14 expression and soluble CD14 levels in human monocytes in vitro. <b>2007</b> , 39, 1165-76	53
961	Augmented induction of CD8+ cytotoxic T-cell response and antitumor effect by DCs pulsed with virus-like particles packaging with CpG. <b>2007</b> , 256, 90-100	19
960	Two-hit rat model of short bowel syndrome and sepsis: independent of total parenteral nutrition, short bowel syndrome is proinflammatory and injurious to the liver. <b>2007</b> , 42, 992-7	20
959	Effect of 6-gingerol on pro-inflammatory cytokine production and costimulatory molecule expression in murine peritoneal macrophages. <b>2007</b> , 138, 209-13	93
958	Altered expression of TLR homolog RP105 on monocytes hypersensitive to LPS in patients with primary biliary cirrhosis. <b>2007</b> , 47, 404-11	29
957	Fever range temperature promotes TLR4 expression and signaling in dendritic cells. <b>2007</b> , 80, 307-13	26

956	Physiopathology of natural auto-antibodies: the case for regulation. <b>2007</b> , 29, 229-35	38
955	Advances in sepsis research derived from animal models. <b>2007</b> , 297, 393-400	11
954	Milk fermented by <i>Lactobacillus helveticus</i> R389 and its non-bacterial fraction confer enhanced protection against <i>Salmonella enteritidis</i> serovar Typhimurium infection in mice. <b>2007</b> , 212, 107-18	51
953	Using house dust extracts to understand the immunostimulatory activities of living environments. <b>2007</b> , 212, 491-8	14
952	Epidemiological and immunological evidence for the hygiene hypothesis. <b>2007</b> , 212, 441-52	161
951	Intestinal bacteria trigger T cell-independent immunoglobulin A(2) class switching by inducing epithelial-cell secretion of the cytokine APRIL. <b>2007</b> , 26, 812-26	565
950	Innate recognition of viruses. <b>2007</b> , 27, 370-83	542
949	Concanavalin A induced expression of Toll-like receptors in murine peritoneal macrophages in vitro. <b>2007</b> , 7, 454-63	45
948	15-deoxyspergualin prevents mucosal injury by inhibiting production of TNF-alpha and down-regulating expression of MD-1 in a murine model of TNBS-induced colitis. <b>2007</b> , 7, 1003-12	9
947	From latent incubation launched into hostile symptomatic pathology: A probable survival strategy for common respiratory infectious agents. <b>2007</b> , 68, 397-400	3
946	Global transcriptional responses of wild-type <i>Aeromonas hydrophila</i> and its virulence-deficient mutant in a murine model of infection. <b>2007</b> , 42, 193-203	14
945	Gammadelta T cells recognize tumor cells via CDR3delta region. <b>2007</b> , 44, 302-10	37
944	A Toll receptor in shrimp. <b>2007</b> , 44, 1999-2008	119
943	Human parotid saliva contains soluble toll-like receptor (TLR) 2 and modulates TLR2-mediated interleukin-8 production by monocytic cells. <b>2007</b> , 44, 1969-76	38
942	TLR4 signaling promotes immune escape of human lung cancer cells by inducing immunosuppressive cytokines and apoptosis resistance. <b>2007</b> , 44, 2850-9	265
941	Staphylococcal enterotoxin B increases TIM4 expression in human dendritic cells that drives naive CD4 T cells to differentiate into Th2 cells. <b>2007</b> , 44, 3580-7	45
940	Toll-like receptor-2 expression in normal and pathologic human placenta. <b>2007</b> , 38, 468-73	33
939	Extracellular heat shock proteins in cell signaling. <b>2007</b> , 581, 3689-94	247

938	Current immunotherapeutic strategies in pancreatic cancer. <b>2007</b> , 16, 919-43, xi	7
937	Acute brain injury triggers MyD88-dependent, TLR2/4-independent inflammatory responses. <b>2007</b> , 171, 200-13	59
936	Invited review: Advances in starter cultures and cultured foods. <b>2007</b> , 90, 4005-21	79
935	High basal levels of functional toll-like receptor 3 (TLR3) and noncanonical Wnt5a are expressed in papillary thyroid cancer and are coordinately decreased by phenylmethimazole together with cell proliferation and migration. <b>2007</b> , 148, 4226-37	63
934	Yersinia-triggered arthritis in IL-12p40-deficient mice: relevant antigens and local expression of Toll-like receptor mRNA. <b>2007</b> , 36, 28-35	9
933	Hypertension increases retinal inflammation in experimental diabetes: a possible mechanism for aggravation of diabetic retinopathy by hypertension. <b>2007</b> , 32, 533-41	35
932	A novel role for HMGB1 in TLR9-mediated inflammatory responses to CpG-DNA. <b>2007</b> , 110, 1970-81	361
931	Agonistic and antagonistic properties of a Rhizobium sin-1 lipid A modified by an ether-linked lipid. <b>2007</b> , 5, 2087-97	16
930	Indigenous microflora and innate immunity of the head and neck. <b>2007</b> , 21, 265-82, v	40
929	Innate immunity: toll-like receptors and some more. A brief history, basic organization and relevance for the human newborn. <b>2007</b> , 92, 145-57	63
928	Toll-like receptor 2 and 4 gene polymorphisms in generalized aggressive periodontitis. <b>2007</b> , 78, 1968-77	40
927	Cells of the synovium in rheumatoid arthritis. B cells. <b>2007</b> , 9, 205	32
926	Chronic asthma-induced airway remodeling is prevented by toll-like receptor-7/8 ligand S28463. <b>2007</b> , 175, 1241-9	106
925	Modulation of miR-155 and miR-125b levels following lipopolysaccharide/TNF-alpha stimulation and their possible roles in regulating the response to endotoxin shock. <b>2007</b> , 179, 5082-9	1091
924	Review: variability of host-pathogen interaction. <b>2007</b> , 13, 199-218	10
923	Liver Immunology. <b>2007</b> ,	4
922	The Biology of Dendritic Cells and HIV Infection. <b>2007</b> ,	2
921	Pathogen-associated molecular pattern contamination as putative endogenous ligands of Toll-like receptors. <b>2007</b> , 13, 6-14	84

920	Mitogen-activated protein kinase phosphatase-1 (MKP-1): a critical regulator of innate immune responses. <b>2007</b> , 3, 72-81	3
919	MyD88 but not TLR2, 4 or 9 is essential for IL-12 induction by lactic acid bacteria. <b>2007</b> , 71, 3026-32	24
918	Rapamycin-conditioned dendritic cells are poor stimulators of allogeneic CD4+ T cells, but enrich for antigen-specific Foxp3+ T regulatory cells and promote organ transplant tolerance. <b>2007</b> , 178, 7018-31	358
917	2'-O-methyl-modified RNAs act as TLR7 antagonists. <b>2007</b> , 15, 1663-9	238
916	Viral interleukin-10 gene transfer prevents liver ischemia-reperfusion injury: Toll-like receptor-4 and heme oxygenase-1 signaling in innate and adaptive immunity. <b>2007</b> , 18, 355-66	36
915	LPS-induced down-regulation of signal regulatory protein {alpha} contributes to innate immune activation in macrophages. <b>2007</b> , 204, 2719-31	94
914	CPG-7909 (PF-3512676, ProMune): toll-like receptor-9 agonist in cancer therapy. <b>2007</b> , 7, 1257-66	48
913	Inhibition of HIV type 1 replication in CD4+ and CD14+ cells purified from HIV type 1-infected individuals by the 2-5A agonist immunomodulator, 2-5A(N6B). <b>2007</b> , 23, 123-34	11
912	Toll-like receptor signaling in HIV-1 infection: a potential target for therapy?. <b>2007</b> , 5, 323-6	9
911	Phase I trial of toll-like receptor 9 agonist PF-3512676 with and following rituximab in patients with recurrent indolent and aggressive non Hodgkin's lymphoma. <b>2007</b> , 13, 6168-74	102
910	Mycobacterium paratuberculosis is recognized by Toll-like receptors and NOD2. <b>2007</b> , 82, 1011-8	100
909	Loss-of-function mutation in Toll-like receptor 4 prevents diet-induced obesity and insulin resistance. <b>2007</b> , 56, 1986-98	673
908	Foodborne Diseases. <b>2007</b> ,	8
907	Smart adjuvants. <b>2007</b> , 6, 391-400	35
906	Clulas inmunocompetentes. <b>2007</b> , 41, 1-11	
905	Probiotiques et r�gulation de la r�ponse immune allergique et inflammatoire. <b>2007</b> , 42, 76-85	1
904	Regulation of spontaneous intestinal tumorigenesis through the adaptor protein MyD88. <b>2007</b> , 317, 124-7	490
903	Mezzi di difesa anti-infettiva, rapporto ospite-parassita. <b>2007</b> , 9, 1-4	

902	Expression of Toll-like receptor 9 in nose, peripheral blood and bone marrow during symptomatic allergic rhinitis. <b>2007</b> , 8, 17	37
901	<i>Pseudomonas aeruginosa</i> and the host pulmonary immune response. <b>2007</b> , 1, 121-37	5
900	Viral and host factors induce macrophage activation and loss of toll-like receptor tolerance in chronic HCV infection. <b>2007</b> , 133, 1627-36	168
899	Association of lipopolysaccharide-binding protein and coronary artery disease in men. <b>2007</b> , 50, 25-31	63
898	Ambient particulate matter directs nonclassic dendritic cell activation and a mixed TH1/TH2-like cytokine response by naive CD4+ T cells. <b>2007</b> , 119, 488-97	58
897	Antigen coupled with Lewis-x trisaccharides elicits potent immune responses in mice. <b>2007</b> , 119, 1522-8	25
896	TH2 and TH1 lung inflammation induced by airway allergen sensitization with low and high doses of double-stranded RNA. <b>2007</b> , 120, 803-12	63
895	Recognition of fungal pathogens by Toll-like receptors. <b>2007</b> , 259-272	6
894	Interferon: The 50th Anniversary. <b>2007</b> ,	5
893	Point, Counterpoint: The Evolution of Pathogenic Viruses and their Human Hosts. <b>2007</b> , 38, 515-540	19
892	Papel de los receptores tipo toll en las infecciones virales: el VIH-1 como modelo. <b>2007</b> , 27, 280	3
891	Recombinant and Synthetic Vaccines. 169-202	
890	Translational Bioinformatics: At the Interface of Genomics and Quantitative Genetics. <b>2007</b> , 47, S-32	2
889	[Innate immunity: structure and function of TLRs]. <b>2007</b> , 23, 67-73	70
888	The Role of Pro-inflammatory Cytokines in Memory Processes and Neural Plasticity. <b>2007</b> , 337-377	17
887	Changes in Toll-like receptor (TLR)-2 and TLR4 expression and function but not polymorphisms are associated with acute anterior uveitis. <b>2007</b> , 48, 1711-7	53
886	Changes in the expression of toll-like receptor mRNAs during follicular growth and in response to lipopolysaccharide in the ovarian follicles of laying hens. <b>2007</b> , 53, 1227-35	49
885	Overview of Immunology in the MouseMolecular and Cellular Immunology. <b>2007</b> , 1-55	

884	The Expression of TLR3 and Cytokines Induced by Poly I:C in Human Retinal Pigment Epithelial Cells. <b>2007</b> , 37, 241	
883	TLR2 and TLR4 as Potential Biomarkers of Environmental Particulate Matter Exposed Human Myeloid Dendritic Cells. <b>2007</b> , 2, 117727190700200	15
882	The Expression Pattern of Toll-like Receptor (TLR) and Cytokine Production to TLR Agonists in Human Retinal Pigment Epithelial Cells. <b>2007</b> , 37, 119	2
881	Microbial translocation augments the function of adoptively transferred self/tumor-specific CD8+ T cells via TLR4 signaling. <b>2007</b> , 117, 2197-204	365
880	Lactococcus sp. as Potential Probiotic Lactic Acid Bacteria. <b>2007</b> , 41, 181-189	34
879	Toll-Like Receptor (TLR) 2 and TLR4 Gene Expression in Canine Heart. <b>2007</b> , 2, 6-10	3
878	Endothelium: A Critical Detector of Lipopolysaccharide. 410-418	
877	Immune-modulatory effects and potential working mechanisms of orally applied nondigestible carbohydrates. <b>2007</b> , 27, 97-140	152
876	Endogenous danger signals trigger hepatic ischemia/reperfusion injury through toll-like receptor 4/nuclear factor-kappa B pathway. <b>2007</b> , 120, 509-514	23
875	Inhibition of lipid a stimulated activation of human dendritic cells and macrophages by amino and hydroxylamino monosaccharides. <b>2007</b> , 46, 3308-12	25
874	Involvement of renal tubular Toll-like receptor 9 in the development of tubulointerstitial injury in systemic lupus. <b>2007</b> , 56, 1569-78	51
873	Protection against autoimmune nephritis in MyD88-deficient MRL/lpr mice. <b>2007</b> , 56, 1618-28	93
872	Toll-like receptors and chondrocytes: the lipopolysaccharide-induced decrease in cartilage matrix synthesis is dependent on the presence of toll-like receptor 4 and antagonized by bone morphogenetic protein 7. <b>2007</b> , 56, 1880-93	97
871	Inhibition of Lipid A Stimulated Activation of Human Dendritic Cells and Macrophages by Amino and Hydroxylamino Monosaccharides. <b>2007</b> , 119, 3372-3376	3
870	Genetics of the innate immune response in inflammatory bowel disease. <b>2007</b> , 13, 338-55	56
869	Involvement of TBK1 and IKKepsilon in lipopolysaccharide-induced activation of the interferon response in primary human macrophages. <b>2007</b> , 37, 528-39	42
868	TLR-mediated stimulation of APC: Distinct cytokine responses of B cells and dendritic cells. <b>2007</b> , 37, 3040-53	212
867	Identification of a novel negative role of flagellin in regulating IL-10 production. <b>2007</b> , 37, 3164-75	23

866	Bacteria and PAMPs activate nuclear factor kappaB and Gro production in a subset of olfactory ensheathing cells and astrocytes but not in Schwann cells. <b>2007</b> , 55, 905-16	63
865	Differentiation of primary adult microglia alters their response to TLR8-mediated activation but not their capacity as APC. <b>2007</b> , 55, 1589-600	27
864	CXCL10 regulates liver innate immune response against ischemia and reperfusion injury. <b>2008</b> , 47, 207-14	99
863	Hepatitis C virus--biology, host evasion strategies, and promising new therapies on the horizon. <b>2007</b> , 27, 353-73	33
862	Synthesis of $\beta$ 1,4-di-d-mannuronic acid glycosides as potential ligands for toll-like receptors. <b>2007</b> , 48, 2915-2918	15
861	Self/nonself discrimination at the basis of chordate evolution: limits on molecular conservation. <b>2007</b> , 19, 4-9	20
860	The influence of the long chain fatty acid on the antagonistic activities of Rhizobium sin-1 lipid A. <b>2007</b> , 15, 4800-12	11
859	Toll-like receptor 2 and 4 combination engagement upregulate IL-15 synergistically in human rheumatoid synovial fibroblasts. <b>2007</b> , 109, 21-7	44
858	Toll-like receptor 2 and Toll-like receptor 4 polymorphisms in invasive pneumococcal disease. <b>2007</b> , 9, 15-20	37
857	NOD-like receptors and human diseases. <b>2007</b> , 9, 648-57	61
856	Differential expression of viral PAMP receptors mRNA in peripheral blood of patients with chronic hepatitis C infection. <b>2007</b> , 7, 136	15
855	Immune reconstitution inflammatory syndrome in association with HIV/AIDS and tuberculosis: views over hidden possibilities. <b>2007</b> , 4, 29	17
854	Double-stranded RNA polyinosinic-polycytidylic acid immobilized onto gamma-Fe <sub>2</sub> O <sub>3</sub> nanoparticles by using a multifunctional polymeric linker. <b>2007</b> , 3, 1374-8	44
853	Expression of functional Toll-like receptors by salivary gland epithelial cells: increased mRNA expression in cells derived from patients with primary Sjögren's syndrome. <b>2007</b> , 147, 497-503	133
852	A Mal functional variant is associated with protection against invasive pneumococcal disease, bacteremia, malaria and tuberculosis. <b>2007</b> , 39, 523-8	364
851	Organ-specific regulation of innate immunity. <b>2007</b> , 8, 3-4	91
850	TLRs bent into shape. <b>2007</b> , 8, 675-7	6
849	Somatic hypermutation is a matter of choice. <b>2007</b> , 8, 677-9	1

848	The adaptor protein CARD9 is required for innate immune responses to intracellular pathogens. <b>2007</b> , 8, 198-205	306
847	Epithelial cells trigger frontline immunoglobulin class switching through a pathway regulated by the inhibitor SLPI. <b>2007</b> , 8, 294-303	239
846	Direct extracellular interaction between the early secreted antigen ESAT-6 of Mycobacterium tuberculosis and TLR2 inhibits TLR signaling in macrophages. <b>2007</b> , 8, 610-8	284
845	E3 ubiquitin ligase Cblb regulates the acute inflammatory response underlying lung injury. <b>2007</b> , 13, 920-6	69
844	Mrp8 and Mrp14 are endogenous activators of Toll-like receptor 4, promoting lethal, endotoxin-induced shock. <b>2007</b> , 13, 1042-9	980
843	MAPK phosphatases--regulating the immune response. <b>2007</b> , 7, 202-12	488
842	Cooperation of Toll-like receptor signals in innate immune defence. <b>2007</b> , 7, 179-90	1047
841	Whatever turns you on: accessory-cell-dependent activation of NK cells by pathogens. <b>2007</b> , 7, 279-91	205
840	Tumor-specific dendritic cells generated by genetic redirection of Toll-like receptor signaling against the tumor-associated antigen, erbb2. <b>2007</b> , 14, 773-80	21
839	Vaccine immunopotentiators of the future. <b>2007</b> , 82, 750-5	34
838	The role of the Toll receptor pathway in susceptibility to inflammatory bowel diseases. <b>2007</b> , 8, 387-97	120
837	Dendritic cell-regulatory T-cell interactions control self-directed immunity. <b>2007</b> , 85, 575-81	21
836	Toll-like receptors, RIG-I-like RNA helicases and the antiviral innate immune response. <b>2007</b> , 85, 435-45	186
835	Targeting toll-like receptors for drug development: a summary of commercial approaches. <b>2007</b> , 85, 490-4	43
834	S100A15, an antimicrobial protein of the skin: regulation by E. coli through Toll-like receptor 4. <b>2007</b> , 127, 2596-604	59
833	Proinflammatory response of human leukemic cells to dsRNA transfection linked to activation of dendritic cells. <b>2007</b> , 21, 1691-9	40
832	Catalytic Receptors. <b>2007</b> , 150, S122-S127	2
831	Gene-specific control of inflammation by TLR-induced chromatin modifications. <b>2007</b> , 447, 972-8	915



830	DAI (DLM-1/ZBP1) is a cytosolic DNA sensor and an activator of innate immune response. <b>2007</b> , 448, 501-5	1251
829	The role of complement and Toll-like receptors in organ transplantation. <b>2007</b> , 20, 481-9	16
828	Role of innate immune response in liver regeneration. <b>2007</b> , 22 Suppl 1, S57-8	16
827	Microbial content of drinking water in Finnish and Russian Karelia - implications for atopy prevalence. <b>2007</b> , 62, 288-92	54
826	Murine splenocytes produce inflammatory cytokines in a MyD88-dependent response to Bacillus anthracis spores. <b>2007</b> , 9, 502-13	36
825	Dendritic cell biology during malaria. <b>2007</b> , 9, 300-5	19
824	How important are Toll-like receptors for antimicrobial responses?. <b>2007</b> , 9, 1891-901	120
823	Anthrax toxin evades Toll-like receptor recognition, whereas its cell wall components trigger activation via TLR2/6 heterodimers. <b>2007</b> , 9, 2880-92	27
822	Silencing of natural interferon producing cell activation by porcine circovirus type 2 DNA. <b>2007</b> , 120, 47-56	63
821	MEKK3 is essential for lipopolysaccharide-induced interleukin-6 and granulocyte-macrophage colony-stimulating factor production in macrophages. <b>2007</b> , 120, 242-50	27
820	Acid sphingomyelinase inhibition suppresses lipopolysaccharide-mediated release of inflammatory cytokines from macrophages and protects against disease pathology in dextran sulphate sodium-induced colitis in mice. <b>2007</b> , 122, 54-64	83
819	Mannose-binding lectin without the aid of its associated serine proteases alters lipopolysaccharide-mediated cytokine/chemokine secretion from human endothelial cells. <b>2007</b> , 122, 335-42	18
818	Mixed lineage kinases (MLKs): a role in dendritic cells, inflammation and immunity?. <b>2007</b> , 88, 111-26	26
817	Mechanisms of action of immune tolerance induction against factor VIII in patients with congenital haemophilia A and factor VIII inhibitors. <b>2007</b> , 136, 12-25	74
816	Innate-immunity cytokines induced by very small size proteoliposomes, a Neisseria-derived immunological adjuvant. <b>2007</b> , 147, 379-88	9
815	Phenotypic and functional differences between lymphocytes from NALT and nasal passages of mice. <b>2007</b> , 65, 276-88	23
814	Recombinant interleukin-12 and interleukin-18 antitumor therapy in a guinea-pig hepatoma cell implant model. <b>2007</b> , 98, 1936-42	10
813	New concepts in antimalarial use and mode of action in dermatology. <b>2007</b> , 20, 160-74	185

812	Collaboration between the innate immune receptors dectin-1, TLRs, and Nods. <b>2007</b> , 219, 75-87	132
811	Human Toll-like receptor-dependent induction of interferons in protective immunity to viruses. <b>2007</b> , 220, 225-36	122
810	Toll-like receptors 7, 8, and 9: linking innate immunity to autoimmunity. <b>2007</b> , 220, 251-69	270
809	Inflammation, cancer and chemoresistance: taking advantage of the toll-like receptor signaling pathway. <b>2007</b> , 57, 93-107	133
808	Role of Toll-like receptor 4 in innate immune responses in a mouse model of acute otitis media. <b>2007</b> , 49, 75-83	41
807	The diacylated lipopeptide FSL-1 enhances phagocytosis of bacteria by macrophages through a Toll-like receptor 2-mediated signalling pathway. <b>2007</b> , 49, 398-409	37
806	The neutrophil-activating protein of Helicobacter pylori (HP-NAP) as an immune modulating agent. <b>2007</b> , 50, 157-64	69
805	Posttranscriptional gene expression regulation in CpG-activated macrophages depends on FXR1P RNA-binding protein. <b>2007</b> , 51, 422-30	4
804	TLR2 Arg753Gly, TLR4 Asp299Gly and Thr399Ile gene polymorphisms are not associated with chronic periodontitis in a Turkish population. <b>2007</b> , 34, 551-7	42
803	Genetic polymorphisms of TLR3 are associated with Nasopharyngeal carcinoma risk in Cantonese population. <b>2007</b> , 7, 194	42
802	Ganoderma lucidum polysaccharides in human monocytic leukemia cells: from gene expression to network construction. <b>2007</b> , 8, 411	47
801	Regulatory pathways in inflammation. <b>2007</b> , 7, 8-11	27
800	A synthetic analog of alpha-galactosylceramide induces macrophage activation via the TLR4-signaling pathways. <b>2007</b> , 73, 1957-70	41
799	Dendritic cells from HIV-1 infected individuals are less responsive to toll-like receptor (TLR) ligands. <b>2007</b> , 250, 75-84	68
798	Prevalence of Toll-like receptor signalling defects in apparently healthy children who developed invasive pneumococcal infection. <b>2007</b> , 122, 271-8	29
797	Class switch recombination: a friend and a foe. <b>2007</b> , 123, 244-51	12
796	Effect of bacterial endotoxin LPS on expression of INF-gamma and IL-5 in T-lymphocytes from asthmatics. <b>2007</b> , 125, 194-204	25
795	Constitutive association of MyD88 to IRAK in HTLV-I-transformed T cells. <b>2007</b> , 35, 1812-22	6

794	Stimulation of cysteinyl leukotriene production in mast cells by heat shock and acetylsalicylic acid. <b>2007</b> , 561, 214-9	8
793	Isoeugenol suppression of inducible nitric oxide synthase expression is mediated by down-regulation of NF-kappaB, ERK1/2, and p38 kinase. <b>2007</b> , 576, 151-9	60
792	Administration of a dual toll-like receptor 7 and toll-like receptor 8 agonist protects against influenza in rats. <b>2007</b> , 73, 1-11	66
791	CARD15 variants determine a disturbed early response of monocytes to adherent-invasive Escherichia coli strain LF82 in Crohn's disease. <b>2007</b> , 34, 181-91	32
790	Cell type-specific expression and function of toll-like receptors 2 and 4 in human placenta: implications in fetal infection. <b>2007</b> , 28, 1024-31	63
789	Prostacyclin in sepsis: a systematic review. <b>2007</b> , 83, 1-24	21
788	Acquired and innate immunity to polyaromatic hydrocarbons. <b>2007</b> , 224, 308-12	20
787	Ischemia-reperfusion injury in transplantation: novel mechanisms and protective strategies. <b>2007</b> , 21, 43-53	11
786	Intestinal epithelial cell signalling and chronic inflammation: From the proteome to specific molecular mechanisms. <b>2007</b> , 622, 42-57	40
785	Medicinal importance of fungal beta-(1-->3), (1-->6)-glucans. <b>2007</b> , 111, 635-52	379
784	Monocyte-derived dendritic cells in multiple sclerosis: the effect of bacterial infection. <b>2007</b> , 190, 177-89	16
783	TLR4 haplotypes in multiple sclerosis: a case-control study in the Spanish population. <b>2007</b> , 192, 215-8	13
782	Expression of toll-like receptors 2, 3, 4, and 9 genes in the human endometrium during the menstrual cycle. <b>2007</b> , 74, 53-60	61
781	Expression of Toll-like receptors in murine vaginal epithelium is affected by the estrous cycle and stromal cells. <b>2007</b> , 75, 106-19	20
780	Extracellular heat shock proteins in cell signaling and immunity. <b>2007</b> , 1113, 28-39	175
779	Signaling pathways downstream of pattern-recognition receptors and their cross talk. <b>2007</b> , 76, 447-80	577
778	Helicobacter pylori and Cytokines in the Genesis of Gastric Cancer. <b>2007</b> , 3-26	
777	Heat Shock Proteins and Scavenger Receptors. <b>2007</b> , 75-94	1

776	The Inside Story: Anti-Inflammatory roles of HSF1 and heat shock proteins. <b>2007</b> , 95-113	3
775	Role of toll-like receptor 4 in the pathophysiology of severe acute pancreatitis in mice. <b>2007</b> , 37, 867-73	31
774	The effect of a matrix metalloproteinase inhibitor on inflammation-mediated preterm delivery. <b>2007</b> , 196, 551.e1-3	17
773	Cell surface receptors for molecular chaperones. <b>2007</b> , 43, 199-206	69
772	Effect of intraperitoneally administered plant lectins on leukocyte diapedesis and visceral organ weight in rats and mice. <b>2007</b> , 13, 139-43	4
771	Candidiasis--do we need to fight or to tolerate the Candida fungus?. <b>2007</b> , 52, 297-312	20
770	Inflammation--a lifelong companion. Attempt at a non-analytical holistic view. <b>2007</b> , 52, 159-73	14
769	Dendritic cells and the immunopathogenesis of systemic lupus erythematosus. <b>2007</b> , 37, 135-45	29
768	Phylogenetic and expression analysis of amphibian Xenopus Toll-like receptors. <b>2007</b> , 59, 281-93	92
767	[New aspects of the pathophysiology of pneumonia]. <b>2007</b> , 48, 459-60, 462-4, 466-7	
766	Adhesion molecules in cutaneous immunity. <b>2007</b> , 29, 45-57	9
765	Regulation of autoreactive B cells: checkpoints and activation. <b>2007</b> , 55, 83-9	10
764	Regulation of local immunity by airway epithelial cells. <b>2007</b> , 55, 353-62	46
763	Welfare and immune response. <b>2007</b> , 31 Suppl 1, 97-102	4
762	Clostridium butyricum TO-A culture supernatant downregulates TLR4 in human colonic epithelial cells. <b>2007</b> , 52, 2963-71	26
761	"Spicing up" of the immune system by curcumin. <b>2007</b> , 27, 19-35	388
760	Host innate immune response to Mycobacterium tuberculosis. <b>2007</b> , 27, 347-62	156
759	Disifin (sodium tosylchloramide) and Toll-like receptors (TLRs): evolving importance in health and diseases. <b>2007</b> , 34, 751-62	6

758	[Genetic immunization: new ways for protective and therapeutic vaccines against allergic diseases]. <b>2007</b> , 157, 111-5	
757	The role of dendritic cells in the immunopathogenesis of psoriasis. <b>2007</b> , 299, 359-66	48
756	The lack of genetic association of the Toll-like receptor 2 (TLR2) Arg753Gln and Arg677Trp polymorphisms with rheumatic heart disease. <b>2007</b> , 26, 915-9	16
755	Dendritic cells and contact dermatitis. <b>2007</b> , 33, 27-34	27
754	Exploiting dendritic cells for active immunotherapy of cancer and chronic infections. <b>2007</b> , 36, 131-41	18
753	Initiation of adaptive immune responses by transcutaneous immunization. <b>2007</b> , 109, 13-20	51
752	Dendritic cells as sensors of environmental perturbations. <b>2008</b> , 10, 990-4	6
751	Toll-Like Receptors in Natural Killer Cells and Their Application for Immunotherapy. <b>2020</b> , 2020, 2045860	16
750	Activation of IL-10+ B cells: A novel immunomodulatory mechanism for therapeutic bacterial suspensions. <b>2020</b> , 8, 2050312120901547	1
749	T Cell Co-stimulation and Functional Modulation by Innate Signals. <b>2020</b> , 41, 200-212	24
748	IRF-7 Mediates Type I IFN Responses in Endotoxin-Challenged Mice. <b>2020</b> , 11, 640	10
747	Insulin resistance, diabetes, and metabolic syndrome. <b>2020</b> , 71-112	1
746	Monocyte-derived dendritic cells display a highly activated phenotype and altered function in patients with familial Mediterranean fever. <b>2020</b> , 201, 1-11	2
745	Capsid proteins of foot-and-mouth disease virus interact with TLR2 and CD14 to induce cytokine production. <b>2020</b> , 223, 10-16	2
744	A Chemical Switch for Transforming a Purine Agonist for Toll-like Receptor 7 to a Clinically Relevant Antagonist. <b>2020</b> , 63, 4776-4789	8
743	The Role of Immune Modulation in Pathogenesis of IgA Nephropathy. <b>2020</b> , 7, 92	15
742	Analysis of Toll-Like Receptor-2 and 4 Expressions in Peripheral Monocyte Subsets in Patients with Type 1 Diabetes Mellitus. <b>2021</b> , 50, 113-124	1
741	Intratumoral immunotherapy with anti-PD-1 and TLR9 agonist induces systemic antitumor immunity without accelerating rejection of cardiac allografts. <b>2021</b> , 21, 60-72	1

740	Gut microbiota contributes towards immunomodulation against cancer: New frontiers in precision cancer therapeutics. <b>2021</b> , 70, 11-23	9
739	Evaluation of the Effects of Nobiletin on Toll-Like Receptor 3 Signaling Pathways in Prostate Cancer. <b>2021</b> , 73, 1138-1144	4
738	Toll-like receptor gene polymorphisms in patients with keratitis. <b>2021</b> , 44, 101352	2
737	Selective BET-bromodomain inhibition by JQ1 suppresses dendritic cell maturation and antigen-specific T-cell responses. <b>2021</b> , 70, 107-121	4
736	Toll-like receptor 7 mRNA is reduced in hepatitis C-based liver cirrhosis and hepatocellular carcinoma, out-performs alpha-fetoprotein levels, and with age and serum aspartate aminotransferase is a new diagnostic index. <b>2021</b> , 78, 18-22	1
735	Characterization and expression analysis of Nod-like receptor 3 (NLRC3) against infection with <i>Piscirickettsia salmonis</i> in Atlantic salmon. <b>2021</b> , 114, 103865	6
734	Pattern-recognition receptors in duck ( <i>{}):</i> identification, expression and function analysis of toll-like receptor 3. <b>2021</b> , 62, 346-352	0
733	Synthetic lethality between MyD88 loss and mutations in Wnt/ $\beta$ -catenin pathway in intestinal tumor epithelial cells. <b>2021</b> , 40, 408-420	5
732	Toll-Like Receptors Regulate the Development and Progression of Renal Diseases. <b>2021</b> , 7, 14-23	3
731	Synthesis and characterization of new potent TLR7 antagonists based on analysis of the binding mode using biomolecular simulations. <b>2021</b> , 210, 112978	3
730	Extracellular vesicles of bacteria as potential targets for immune interventions. <b>2021</b> , 17, 897-903	2
729	RNA polymerase III and antiviral innate immune response. <b>2021</b> , 12, 1-11	0
728	Exploring the Pivotal Immunomodulatory and Anti-Inflammatory Potentials of Glycyrrhizic and Glycyrrhetic Acids. <b>2021</b> , 2021, 6699560	16
727	Peptidoglycan mediates <i>Leptospira</i> outer membrane protein Loa22 to toll-like receptor 2 for inflammatory interaction: a novel innate immune recognition. <b>2021</b> , 11, 1064	4
726	Toll-like Receptor 2 in Autoimmune Inflammation. <b>2021</b> , 21, e18	6
725	<i>Cervus nippon</i> var. <i>mantchuricus</i> water extract treated with digestive enzymes (CE) modulates M1 macrophage polarization through TLR4/MAPK/NF- $\beta$ signaling pathways on murine macrophages. <b>2021</b> , 19, 205873922110008	0
724	An update on the diagnostic biomarkers for asthma. <b>2021</b> , 10, 1139-1148	0
723	Effect of LPS and LTA stimulation on the expression of TLR-pathway genes in PBMCs of Akkaraman lambs in vivo. <b>2021</b> , 53, 65	2

722	Hofbauer cells and placental viral infection. <b>2021</b> , 295-309	1
721	Sox4 represses host innate immunity to facilitate pathogen infection by hijacking the TLR signaling networks. <b>2021</b> , 12, 704-722	4
720	Structural evolution of toll-like receptor 7/8 agonists from imidazoquinolines to imidazoles. <b>2021</b> , 12, 1065-1120	6
719	Vitamin D3 Controls TLR4- and TLR2-Mediated Inflammatory Responses of Endometrial Cells. <b>2021</b> , 86, 139-148	1
718	Rheumatological Manifestations of GI Disorders. <b>2021</b> , 2183-2199	
717	Calycosin modulates inflammation via suppressing TLR4/NF- $\kappa$ B pathway and promotes bone formation to ameliorate glucocorticoid-induced osteonecrosis of the femoral head in rat. <b>2021</b> , 35, 2824	3
716	Resveratrol attenuates inflammation by regulating macrophage polarization via inhibition of toll-like receptor 4/MyD88 signaling pathway. <b>2021</b> , 17, 321	2
715	Intake of (pExu:) Prevents the Inflammation and the Disorganization of the Intestinal Mucosa in a Mouse Model of Mucositis. <b>2021</b> , 9,	7
714	Generalized multi-SNP mediation intersection-union test. <b>2020</b> ,	2
713	Lack of CD34 delays bacterial endotoxin-induced lung inflammation. <b>2021</b> , 22, 69	0
712	Can Probiotics Emerge as Effective Therapeutic Agents in Apical Periodontitis? A Review. <b>2021</b> , 13, 299-314	6
711	Role of the Macrophage Migration Inhibitory Factor in the Pathophysiology of Pre-Eclampsia. <b>2021</b> , 22,	2
710	Narrative Review of -3 Polyunsaturated Fatty Acid Supplementation upon Immune Functions, Resolution Molecules and Lipid Peroxidation. <b>2021</b> , 13,	11
709	Ion and Water Transport in Neutrophil Granulocytes and Its Impairment during Sepsis. <b>2021</b> , 22,	2
708	Effect of vitamin D on the osteogenic differentiation of human periodontal ligament stromal cells under inflammatory conditions. <b>2021</b> , 56, 579-588	1
707	The dark-side of the outside: how extracellular heat shock proteins promote cancer. <b>2021</b> , 78, 4069-4083	10
706	Recent trends in the development of Toll-like receptor 7/8-targeting therapeutics. <b>2021</b> , 16, 869-880	4
705	Planarians (Platyhelminthes)-An Emerging Model Organism for Investigating Innate Immune Mechanisms. <b>2021</b> , 11, 619081	4

704	Early socialization and environmental enrichment of lactating piglets affects the caecal microbiota and metabolomic response after weaning. <b>2021</b> , 11, 6113	2
703	Functional genomics of inflamm-aging and immunosenescence. <b>2021</b> ,	4
702	Hydroxysafflor Yellow A Inhibits Staphylococcus aureus-Induced Mouse Endometrial Inflammation via TLR2-Mediated NF- $\kappa$ B and MAPK Pathway. <b>2021</b> , 44, 835-845	3
701	Activation and Inhibition of the NLRP3 Inflammasome by RNA Viruses. <b>2021</b> , 14, 1145-1163	11
700	Multifaceted roles of Toll-like receptors in acute kidney injury. <b>2021</b> , 7, e06441	4
699	Megalocytivirus Induces Complicated Fish Immune Response at Multiple RNA Levels Involving mRNA, miRNA, and circRNA. <b>2021</b> , 22,	2
698	Phosphoinositides: Roles in the Development of Microglial-Mediated Neuroinflammation and Neurodegeneration. <b>2021</b> , 15, 652593	3
697	(3 $\beta$ )-hydroxypregnan-20-one (3 $\beta$ HHP) regulation of hypothalamic and extrahypothalamic corticotropin releasing factor (CRF): Sexual dimorphism and brain region specificity in Sprague Dawley rats. <b>2021</b> , 186, 108463	1
696	Neurotoxin-Induced Rodent Models of Parkinson's Disease: Benefits and Drawbacks. <b>2021</b> , 39, 897-923	7
695	Association Between TLR4 Gene Polymorphisms and Risk of Preeclampsia: Systematic Review and Meta-Analysis. <b>2021</b> , 27, e930438	0
694	Cancer Immunology and CAR-T Cells: A Turning Point Therapeutic Approach in Colorectal Carcinoma with Clinical Insight. <b>2021</b> , 21, 221-236	1
693	The Role of MEG3 in the Activation of Toll Like Receptor 3 in Prostate Cancer Cells.	
692	Distinct toll-like receptor signaling in the salamander response to tissue damage. <b>2021</b> ,	5
691	MyD88 and beyond: a perspective on MyD88-targeted therapeutic approach for modulation of host immunity. <b>2021</b> , 69, 117-128	13
690	Role of Toll-Like Receptor (TLR)-Signaling in Cancer Progression and Treatment.	0
689	Recent advances in tumor microenvironment-targeted nanomedicine delivery approaches to overcome limitations of immune checkpoint blockade-based immunotherapy. <b>2021</b> , 332, 109-126	12
688	Treatment with Bacterial Biologics Promotes Healthy Aging and Traumatic Brain Injury Responses in Adult Modeling the Gut-Brain Axis and Inflammation Responses. <b>2021</b> , 10,	5
687	Heat-killed Helicobacter pylori upregulates NKG2D ligands expression on gastric adenocarcinoma cells via Toll-like receptor 4. <b>2021</b> , 26, e12812	0



686	Microbial Phagocytic Receptors and Their Potential Involvement in Cytokine Induction in Macrophages. <b>2021</b> , 12, 662063	6
685	Toll-like receptor 4: An attractive therapeutic target for acute kidney injury. <b>2021</b> , 271, 119155	9
684	microRNA-128 inhibits the inflammatory responses by targeting TAB2 in miiuy croaker, Miichthysmiiuy. <b>2021</b> , 117, 103976	1
683	Full recombinant flagellin B from <i>Vibrio anguillarum</i> (rFLA) and its recombinant D1 domain (rND1) promote a pro-inflammatory state and improve vaccination against <i>P. salmonis</i> in Atlantic salmon ( <i>S. salar</i> ). <b>2021</b> , 117, 103988	4
682	Characteristics of immune induction by transcutaneous vaccination using dissolving microneedle patches in mice. <b>2021</b> , 601, 120563	1
681	A pilot study: Innate immune modulation reduces F2-Isoprostanes and improves psychological health in a chronically stressed cohort. <b>2021</b> , 4, e289	
680	Knowledge From London and Berlin: Finding Threads to a Functional HIV Cure. <b>2021</b> , 12, 688747	3
679	Corni fructus Extracts of Prebiotics Property and Cell Protective Effect on LPS-Induced Human Colon Epithelial Cell. <b>2021</b> , 50, 445-455	0
678	Roles of long non-coding RNA in osteoarthritis (Review). <b>2021</b> , 48,	2
677	Mouse primary microglia respond differently to LPS and poly(I:C) in vitro. <b>2021</b> , 11, 10447	7
676	Role of Atypical Chemokines and Chemokine Receptors Pathways in the Pathogenesis of COPD. <b>2021</b> , 28, 2577-2653	7
675	Effect of Dietary Fatty Acids on MicroRNA Expression Related to Metabolic Disorders and Inflammation in Human and Animal Trials. <b>2021</b> , 13,	1
674	Inhibition of TLR4 Signaling Impedes Tumor Growth in Colitis-Associated Colon Cancer. <b>2021</b> , 12, 669747	9
673	The Preliminary Study for Postoperative Radiotherapy Survival Associated with and Expression in Lung Cancer. <b>2021</b> , 13, 4497-4507	1
672	Biomechanical forces enhance directed migration and activation of bone marrow-derived dendritic cells. <b>2021</b> , 11, 12106	2
671	Systematic Optimization of Potent and Orally Bioavailable Purine Scaffold as a Dual Inhibitor of Toll-Like Receptors 7 and 9. <b>2021</b> , 64, 9279-9301	2
670	Neuronal Damage and Neuroinflammation, a Bridge Between Bacterial Meningitis and Neurodegenerative Diseases. <b>2021</b> , 15, 680858	5
669	Diet-induced obesity differentially modulates cardiac inflammatory status in the C57 and FVB mouse strains. <b>2021</b> ,	1

668	TLR3 agonists: RGC100, ARNAX, and poly-IC: a comparative review. <b>2021</b> , 69, 312-322	2
667	Toll-like receptor 4 methylation grade is linked to depressive symptom severity. <b>2021</b> , 11, 371	1
666	Novel 1,2,3-triazole-tethered PamCAG conjugates as potential TLR-2 agonistic vaccine adjuvants. <b>2021</b> , 111, 104838	5
665	Type I Interferon Dependent hsa-miR-145-5p Downregulation Modulates MUC1 and TLR4 Overexpression in Salivary Glands From Sjögren's Syndrome Patients. <b>2021</b> , 12, 685837	5
664	Toll-like receptor 5 and 8 in hepatocellular carcinoma. <b>2021</b> , 129, 470-479	1
663	Evolution of TLR5. 2, 1-8	
662	Stress during first gestation of ewes impairs memory and learning of male offspring. <b>2021</b> , 45, 251-260	1
661	Mitochondrial DNA-Mediated Inflammation in Acute Kidney Injury and Chronic Kidney Disease. <b>2021</b> , 2021, 9985603	1
660	Cephalosporium curvulum lectin causes mycotic keratitis by initiating infection through MyD88 dependent cellular proliferation and apoptosis in human corneal epithelial cells. <b>2021</b> , 38, 509-516	0
659	Heat Shock Proteins: Connectors between Heart and Kidney. <b>2021</b> , 10,	4
658	Caffeine consumption attenuates ethanol-induced inflammation through the regulation of adenosinergic receptors in the UChB rats cerebellum. <b>2021</b> , 10, 835-849	0
657	Intra-Tumoral Activation of Endosomal TLR Pathways Reveals a Distinct Role for TLR3 Agonist Dependent Type-1 Interferons in Shaping the Tumor Immune Microenvironment. <b>2021</b> , 11, 711673	1
656	Opposite effects of miR-155 in the initial and later stages of lipopolysaccharide (LPS)-induced inflammatory response. <b>2021</b> , 22, 590-598	0
655	Nanobiotechnology and Immunotherapy: Two Powerful and Cooperative Allies against Cancer. <b>2021</b> , 13,	4
654	Baicalin Rescues Cognitive Dysfunction, Mitigates Neurodegeneration, and Exerts Anti-Epileptic Effects Through Activating TLR4/MYD88/Caspase-3 Pathway in Rats. <b>2021</b> , 15, 3163-3180	3
653	Probiotic supplementation reduces inflammatory profiles but does not prevent oral immune perturbations during SIV infection. <b>2021</b> , 11, 14507	2
652	Analysis of the association between rs11200466 variants and cervical Cancer susceptibility in Sudanese women.	
651	Extended follow-up of children in a phase2b trial of the GMZ2 malaria vaccine. <b>2021</b> , 39, 4314-4319	1

650	Toll-Like Receptors: Expression and Roles in Otitis Media. <b>2021</b> , 22,	1
649	Involvement of Probiotics and Postbiotics in the Immune System Modulation. <b>2021</b> , 1, 89-110	18
648	Plant/algal polysaccharides extracted by microwave: A review on hypoglycemic, hypolipidemic, prebiotic, and immune-stimulatory effect. <b>2021</b> , 266, 118134	8
647	Toll-Like Receptors, Keys of the Innate Immune System.	
646	Negative Regulation of RNF90 on RNA Virus-Triggered Antiviral Immune Responses Targeting MAVS. <b>2021</b> , 12, 730483	1
645	Targeting Neuroimmune Interactions in Diabetic Neuropathy with Nanomedicine. <b>2021</b> ,	
644	Agmatine Alleviates Epileptic Seizures and Hippocampal Neuronal Damage by Inhibiting Gasdermin D-Mediated Pyroptosis. <b>2021</b> , 12, 627557	4
643	Foundational concepts in the biology of bacterial keratitis. <b>2021</b> , 209, 108647	6
642	Characterization of toll-like receptor 1 (TLR1) in turbot ( <i>Scophthalmus maximus</i> L.). <b>2021</b> , 115, 27-34	5
641	relieves liver injury by regulating immunity and suppression of the enterogenic endotoxin-induced inflammatory response in rats cotreated with alcohol and iron. <b>2021</b> , 9, 5391-5401	0
640	Thrombosis in COVID-19 infection: Role of platelet activation-mediated immunity. <b>2021</b> , 19, 59	7
639	Inflammatory Mediators Leading to Edema Formation through Plasma Membrane Receptors.	
638	Evolution of Toll-like receptor 7/8 agonist therapeutics and their delivery approaches: From antiviral formulations to vaccine adjuvants. <b>2021</b> , 175, 113803	13
637	The elevated expression of TLR4 and MMP9 in human abdominal aortic aneurysm tissues and its implication. <b>2021</b> , 21, 378	0
636	TRAIL produced by SAM-1-activated CD4 and CD8 subgroup T cells induces apoptosis in human tumor cells through upregulation of death receptors. <b>2021</b> , 427, 115656	
635	Pathogenicity Mechanism of <i>Candida albicans</i> .	0
634	Recent advances in immunotherapy, immunoadjuvant, and nanomaterial-based combination immunotherapy. <b>2021</b> , 442, 214009	6
633	Molecular Mechanisms of Vitamin D-Mediated Immunomodulation.. <b>2021</b> , 10, e2097	0

632	Association study between relative expression levels of eight genes and growth rate in Hungarian common carp (). <b>2022</b> , 29, 630-639	
631	The role of Bruton's tyrosine kinase in the immune system and disease. <b>2021</b> , 164, 722-736	10
630	Activation of TLR2 heterodimers-mediated NF- $\kappa$ B, MAPK, AKT signaling pathways is responsible for <i>Vibrio alginolyticus</i> triggered inflammatory response in vitro. <b>2021</b> , 162, 105219	0
629	Potential of TLR agonist as an adjuvant in <i>Leishmania</i> vaccine against visceral leishmaniasis in BALB/c mice. <b>2021</b> , 158, 105021	2
628	Recent advances in the pharmacological management of sepsis-associated acute kidney injury. <b>2021</b> , 14, 1401-1411	1
627	Distinct endocytosis and immune activation of poly(lactic-co-glycolic) acid nanoparticles prepared by single- and double-emulsion evaporation. <b>2021</b> , 16, 2075-2094	0
626	Trimebutine suppresses Toll-like receptor 2/4/7/8/9 signaling pathways in macrophages. <b>2021</b> , 711, 109029	0
625	Icariin and its phosphorylated derivatives reduce duck hepatitis A virus serotype 1-induced oxidative stress and inflammatory damage in duck embryonic hepatocytes through mitochondrial regulation. <b>2021</b> , 139, 133-139	0
624	Non-Operative Options for Loco-regional Melanoma. <b>2021</b> , 48, 631-642	
623	Regulation of toll-like receptors expression in muscle cells by exercise-induced stress. <b>2021</b> , 34, 1590-1599	3
622	Arginine methylation by PRMT2 promotes IFN- $\gamma$ production through TLR4/IRF3 signaling pathway. <b>2021</b> , 139, 202-210	1
621	Innate Immunity. <b>2021</b> , 41, 535-541	2
620	Host Innate Immune Response and Viral Immune Evasion During Alphaherpesvirus Infection. <b>2021</b> , 42, 635-686	1
619	Rosacea and Microbiome. <b>2022</b> ,	
618	Defense Systems. <b>2022</b> , 179-184	
617	Multiplatform Integrative Analyses of Immunosuppressive Signatures in Cortisol-secreting Adrenocortical Carcinoma.	
616	Scarred Lung. An Update on Radiation-Induced Pulmonary Fibrosis. <b>2020</b> , 7, 585756	2
615	Toll-Like Receptors in Dermatology, Venereology, and Leprosy. <b>2021</b> , 66, 223	0

614	Experimental dopaminergic neuron lesion at the area of the biological clock pacemaker, suprachiasmatic nuclei (SCN) induces metabolic syndrome in rats. <b>2021</b> , 13, 11	4
613	TLRs as a Promise Target Along With Immune Checkpoint Against Gastric Cancer. <b>2020</b> , 8, 611444	13
612	The role of the human gut microbiota in colonization and infection with multidrug-resistant bacteria. <b>2021</b> , 13, 1-13	5
611	How Can Plant Pathology Help in the Control of Human Pathogens Associated with Edible Crop Plants?. <b>2021</b> , 259-275	
610	Pathophysiology of Sepsis and Heart-Lung Interactions: Part 1, Presentation and Mechanisms. <b>2021</b> , 821-848	
609	The Role of Endogenous Antimicrobial Peptides in Modulating Innate Immunity of the Ocular Surface in Dry Eye Diseases. <b>2021</b> , 22,	2
608	Immune Response in Mammals and Chickens. <b>2021</b> , 31-47	
607	The Immune Response to Viral Infections.	3
606	Salmonella. 231-265	9
605	Design Platforms of Nanocapsules for Human Therapeutics or Vaccines. 125-139	2
604	Naringenin suppresses Toll-like receptor 2-mediated inflammatory responses through inhibition of receptor clustering on lipid rafts. <b>2021</b> , 9, 963-972	2
603	Receptors and Adaptors for NF- $\kappa$ B Signaling. <b>2006</b> , 26-40	2
602	Experimental models of mucosal inflammation. <b>2006</b> , 579, 55-97	12
601	Detection of Fungi by Mannose-based Recognition Receptors. <b>2007</b> , 293-307	4
600	Role of the innate immune system and host-commensal mutualism. <b>2006</b> , 308, 1-18	58
599	Host-microbe symbiosis: the squid-Vibrio association--a naturally occurring, experimental model of animal/bacterial partnerships. <b>2008</b> , 635, 102-12	35
598	Experimental Autoimmune Encephalomyelitis. <b>2008</b> , 355-377	2
597	Understanding the role of innate immunity in the mechanism of action of the live attenuated Yellow Fever Vaccine 17D. <b>2007</b> , 590, 43-53	25

596	Fine-Tuning of Symbiotic Genes in Rhizobia: Flavonoid Signal Transduction Cascade. <b>2008</b> , 117-152	2
595	The Intestinal Epithelium: The Interface Between Host and Pathogen. <b>2008</b> , 3-22	2
594	Intestinal flora. <b>2009</b> , 639, 67-79	28
593	Dendritic cell: T-cell interactions in spondyloarthritis. <b>2009</b> , 649, 263-76	3
592	Immunoinformatics: The Next Step in Vaccine Design. <b>2010</b> , 223-244	1
591	Immune Signatures and Systems Biology of Vaccines. <b>2011</b> , 141-167	1
590	Genomics of Probiotic-Host Interactions. <b>2012</b> , 35-60	3
589	Toll-Like Receptor-Linked Signal Transduction in Angiogenesis. <b>2013</b> , 139-157	2
588	Dynamics and Interactions of Individual Proteins in the Membrane of Single, Living Cells. <b>2015</b> , 1346, 185-207	1
587	Genotyping methods to analyse polymorphisms in Toll-like receptors and disease. <b>2009</b> , 517, 297-309	1
586	Pyrosequencing of toll-like receptor polymorphisms of functional relevance. <b>2009</b> , 496, 73-87	6
585	Mammalian Host Defenses: Innate and Adaptive Immunity. <b>2009</b> , 577-626	1
584	Host Immune Resistance and Dietary Lipids. <b>2010</b> , 131-153	1
583	Topical application of siRNA targeting cutaneous dendritic cells in allergic skin disease. <b>2010</b> , 623, 373-81	13
582	Innate immune receptors for nucleic acids. <b>2011</b> , 748, 69-82	1
581	The Immunology of Acne. <b>2008</b> , 217-222	1
580	RPE and the Vascular Endothelial Growth Factor. <b>2020</b> , 85-99	1
579	Toll-Like Receptors Signaling in the Tumor Microenvironment. <b>2020</b> , 1223, 81-97	21

578	Immunomodulatory Properties of Stem Cells Derived from Dental Tissues. <b>2016</b> , 29-45	2
577	Epidemiology, Molecular Biology, and Pathogenic Mechanisms of Ehrlichia Infections. <b>2016</b> , 225-240	1
576	Antimicrobial Peptides: Roles in Periodontal Health and Disease. <b>2018</b> , 97-110	1
575	Toll-Like Receptors in Angiogenesis. <b>2017</b> , 37-58	1
574	Immunsystem. <b>2007</b> , 550-562	1
573	Inflammation in Acne. <b>2014</b> , 97-101	1
572	Defects in Innate Immunity: Receptors and Signaling Components. <b>2008</b> , 195-214	0
571	Plant Innate Immunity. <b>2009</b> , 119-136	4
570	Overview of toll-like receptors in the CNS. <b>2009</b> , 336, 1-14	28
569	Toll-like receptors in CNS parasitic infections. <b>2009</b> , 336, 83-104	18
568	Development of the Gastrointestinal Tract in Pigs. <b>2013</b> , 3-18	3
567	Pathogenesis of Streptococcus pneumoniae infections:adaptive immunity, innate immunity, cell biology, virulence factors. <b>2007</b> , 139-181	3
566	Pathogen pressure and molecular evolutionary genetics of innate immunity genes in humans. <b>2010</b> , 249-265	3
565	Mechanical Stretching of Cells of Different Tissues: The Role of Mediators of Innate Immunity. <b>2012</b> , 35-58	2
564	Lipid Cubic Phase for Membrane Protein X-ray Crystallography. <b>2018</b> , 175-220	1
563	The Interplay Between Pattern Recognition Receptors and Autophagy in Inflammation. <b>2019</b> , 1209, 79-108	22
562	Signal Transduction. <b>2014</b> , 184-202	2
561	Innate (General or Nonspecific) Host Defense Mechanisms. <b>2010</b> , 37-47	1

560	Sepsis, Severe Sepsis, and Septic Shock. <b>2010</b> , 987-1010	14
559	Experimental Autoimmune Neuritis. <b>2005</b> , 609-633	5
558	Zebrafish as Aging Models. <b>2006</b> , 317-338	2
557	THE IMMUNE SYSTEM AND THE INFLAMMATORY RESPONSE. <b>2005</b> , 19-63	1
556	INNATE IMMUNITY. <b>2010</b> , 19-46	3
555	Innate Immunity and Epithelial Biology: Special Considerations in the Neonatal Gut. <b>2008</b> , 51-72	2
554	The Immunology of Pregnancy. <b>2009</b> , 87-99	1
553	Innate Immunity in the Lungs. <b>2010</b> , 255-284	1
552	Innate (General or Nonspecific) Host Defense Mechanisms. <b>2015</b> , 26-33.e2	2
551	In HPV-negative oropharyngeal squamous cell carcinoma, elevated toll-like receptor 2 immunoexpression may increase the risk of disease-specific mortality. <b>2020</b> , 107, 104778	1
550	Cancer therapy-induced immune modulation. <b>2005</b> , 325-341	1
549	Chapter 9:Nutrition and Immunity. 268-309	1
548	-196 to -174del, rs4696480, rs3804099 polymorphisms of Toll-like receptor 2 gene impact the susceptibility of cancers: evidence from 37053 subjects. <b>2019</b> , 39,	9
547	Expression of toll-like receptor 4 and 2 in horse lungs. <b>2006</b> , 37, 541-51	53
546	The interaction between microbiome and host central nervous system: the gut-brain axis as a potential new therapeutic target in the treatment of obesity and cardiometabolic disease. <b>2020</b> , 24, 639-653	11
545	A pilot clinical trial testing topical resiquimod and a xenopeptide as immune adjuvants for a melanoma vaccine targeting MART-1. <b>2019</b> , 29, 420-427	8
544	Nicotinamide adenine dinucleotide phosphate (reduced form) oxidase is important for LPS-induced endothelial cell activation. <b>2008</b> , 29, 553-9	14
543	Interleukin-13 protects mouse intestine from ischemia and reperfusion injury through regulation of innate and adaptive immunity. <b>2011</b> , 91, 737-43	12



542	Innate immunity and the pneumococcus. <b>2006</b> , 152, 285-293	50
541	Toll-like receptor triggering in cord blood mesenchymal stem cells. 13, 3415-3426	40
540	Escherichia coli. 83-96	3
539	CD4+ T-Cell Responses to Aspergillus fumigatus. 263-277	1
538	Mycoplasma arthritidis-Derived Superantigen (MAM), a Unique Class of Superantigen That Bridges Innate and Adaptive Immunity. 37-57	1
537	Dictyostelium discoideum: a Model Phagocyte and a Model for Host-Pathogen Interactions. 491-P1	1
536	Natural Killer Cell Response against Viruses. 197-207	1
535	Immune Recognition and Host Cell Response during Chlamydia Infection. 217-239	1
534	Receptor-Mediated Recognition of Mycobacterium tuberculosis by Host Cells. <b>2005</b> , 405-426	16
533	Toll-Like Receptors and Control of Adaptive Immunity. 271-285	1
532	Reactive Oxygen and Reactive Nitrogen Metabolites as Effector Molecules against Infectious Pathogens. 357-396	6
531	Tolerability in man following inhalation dosing of the selective TLR7 agonist, AZD8848. <b>2016</b> , 3, e000113	16
530	TLR2 is mobilized into an apical lipid raft receptor complex to signal infection in airway epithelial cells. <b>2004</b> , 113, 1482-1489	154
529	Sepsis: avoiding its deadly toll. <b>2004</b> , 113, 1387-1389	17
528	MyD88-dependent induction of allergic Th2 responses to intranasal antigen. <b>2005</b> , 115, 459-467	182
527	Tamm-Horsfall glycoprotein links innate immune cell activation with adaptive immunity via a Toll-like receptor-4-dependent mechanism. <b>2005</b> , 115, 468-475	171
526	Induction of B7-1 in podocytes is associated with nephrotic syndrome. <b>2004</b> , 113, 1390-7	408
525	Antagonistic antibody prevents toll-like receptor 2-driven lethal shock-like syndromes. <b>2004</b> , 113, 1473-81	167

524	TLR2 is mobilized into an apical lipid raft receptor complex to signal infection in airway epithelial cells. <b>2004</b> , 113, 1482-9	87
523	Inhibition of experimental asthma by indoleamine 2,3-dioxygenase. <b>2004</b> , 114, 270-9	259
522	MyD88-dependent induction of allergic Th2 responses to intranasal antigen. <b>2005</b> , 115, 459-67	85
521	Tamm-Horsfall glycoprotein links innate immune cell activation with adaptive immunity via a Toll-like receptor-4-dependent mechanism. <b>2005</b> , 115, 468-75	89
520	Toll-like receptor 9-induced type I IFN protects mice from experimental colitis. <b>2005</b> , 115, 695-702	337
519	Yeast zymosan, a stimulus for TLR2 and dectin-1, induces regulatory antigen-presenting cells and immunological tolerance. <b>2006</b> , 116, 916-28	398
518	Human epithelial cells establish direct antifungal defense through TLR4-mediated signaling. <b>2007</b> , 117, 3664-72	166
517	Dependence of intestinal granuloma formation on unique myeloid DC-like cells. <b>2007</b> , 117, 605-15	46
516	Infectious disease, the innate immune response, and fibrosis. <b>2007</b> , 117, 530-8	152
515	Prostaglandin-secreting cells: a portable first aid kit for tissue repair. <b>2007</b> , 117, 83-6	13
514	Development of TLR9 agonists for cancer therapy. <b>2007</b> , 117, 1184-94	320
513	Ligation of TLR9 induced on human IL-10-secreting Tregs by 1 $\alpha$ ,25-dihydroxyvitamin D3 abrogates regulatory function. <b>2009</b> , 119, 387-98	128
512	The type I IFN induction pathway constrains Th17-mediated autoimmune inflammation in mice. <b>2008</b> , 118, 1680-90	281
511	Host-derived oxidized phospholipids and HDL regulate innate immunity in human leprosy. <b>2008</b> , 118, 2917-28	127
510	Ca <sup>2+</sup> /calmodulin-dependent kinase II triggers cell membrane injury by inducing complement factor B gene expression in the mouse heart. <b>2009</b> , 119, 986-96	85
509	Hepcidin mediates transcriptional changes that modulate acute cytokine-induced inflammatory responses in mice. <b>2010</b> , 120, 2395-405	141
508	Controlling Neuroinflammation. <b>2013</b> , 63-86	1
507	Muscle-Specific Deletion of Toll-like Receptor 4 Impairs Metabolic Adaptation to Wheel Running in Mice. <b>2021</b> , 53, 1161-1169	2

506	Inflammatory cell expression of Toll-like receptor-2 (TLR2) within refractory periapical granuloma. <b>2018</b> , 7, 1819	2
505	In vivo dose response and in vitro mechanistic analysis of enhanced immunoglobulin A production by <i>Lactobacillus plantarum</i> AYA. <b>2015</b> , 34, 53-8	4
504	Anti-Inflammatory Effect of Peel Extracts from Citrus Fruits. <b>2013</b> , 28, 342-348	4
503	Impact of HIV on cell survival and antiviral activity of plasmacytoid dendritic cells. <b>2007</b> , 2, e458	63
502	RNAi methodologies for the functional study of signaling molecules. <b>2009</b> , 4, e4559	5
501	Lipoteichoic acid induces unique inflammatory responses when compared to other toll-like receptor 2 ligands. <b>2009</b> , 4, e5601	42
500	MHC class II molecules enhance Toll-like receptor mediated innate immune responses. <b>2010</b> , 5, e8808	54
499	Bacteria peptidoglycan promoted breast cancer cell invasiveness and adhesiveness by targeting toll-like receptor 2 in the cancer cells. <b>2010</b> , 5, e10850	36
498	Intranasal immunization with influenza VLPs incorporating membrane-anchored flagellin induces strong heterosubtypic protection. <b>2010</b> , 5, e13972	71
497	Induction of TLR-2 and TLR-5 expression by <i>Helicobacter pylori</i> switches cagPAI-dependent signalling leading to the secretion of IL-8 and TNF- $\alpha$ . <b>2011</b> , 6, e19614	72
496	Oligonucleotide microarray analysis of age-related gene expression profiles in miniature pigs. <b>2011</b> , 6, e19761	5
495	MyD88 associated ROS generation is crucial for <i>Lactobacillus</i> induced IL-12 production in macrophage. <b>2012</b> , 7, e35880	21
494	GM-CSF priming drives bone marrow-derived macrophages to a pro-inflammatory pattern and downmodulates PGE2 in response to TLR2 ligands. <b>2012</b> , 7, e40523	28
493	Role of toll like receptors in irritable bowel syndrome: differential mucosal immune activation according to the disease subtype. <b>2012</b> , 7, e42777	86
492	Toll-like receptor 4 and high-mobility group box 1 are critical mediators of tissue injury and survival in a mouse model for heatstroke. <b>2012</b> , 7, e44100	24
491	Mycocopolydiene inhibits lipopolysaccharide-induced inflammatory responses through the suppression of TRAF6 polyubiquitination [corrected]. <b>2012</b> , 7, e44890	21
490	Direct engagement of TLR4 in invariant NKT cells regulates immune diseases by differential IL-4 and IFN- $\gamma$ production in mice. <b>2012</b> , 7, e45348	16
489	Poor cerebral inflammatory response in eIF2B knock-in mice: implications for the aetiology of vanishing white matter disease. <b>2012</b> , 7, e46715	17

488	Identification and function of leucine-rich repeat flightless-I-interacting protein 2 (LRRFIP2) in <i>Litopenaeus vannamei</i> . <b>2013</b> , 8, e57456	10
487	The role of TLR2, TLR4 and CD14 genetic polymorphisms in gastric carcinogenesis: a case-control study and meta-analysis. <b>2013</b> , 8, e60327	61
486	Partially silencing brain toll-like receptor 4 prevents in part left ventricular remodeling with sympathoinhibition in rats with myocardial infarction-induced heart failure. <b>2013</b> , 8, e69053	13
485	Polyenylpyrrole derivatives inhibit NLRP3 inflammasome activation and inflammatory mediator expression by reducing reactive oxygen species production and mitogen-activated protein kinase activation. <b>2013</b> , 8, e76754	21
484	Natural killer cell-dependent anti-fibrotic pathway in liver injury via Toll-like receptor-9. <b>2013</b> , 8, e82571	18
483	TLR2, TLR4 and CD14 recognize venom-associated molecular patterns from <i>Tityus serrulatus</i> to induce macrophage-derived inflammatory mediators. <b>2014</b> , 9, e88174	57
482	Pathogenic strains of <i>Acanthamoeba</i> are recognized by TLR4 and initiated inflammatory responses in the cornea. <b>2014</b> , 9, e92375	17
481	Expression of toll-like receptor 2 in glomerular endothelial cells and promotion of diabetic nephropathy by <i>Porphyromonas gingivalis</i> lipopolysaccharide. <b>2014</b> , 9, e97165	20
480	High concentrate diet induced mucosal injuries by enhancing epithelial apoptosis and inflammatory response in the hindgut of goats. <b>2014</b> , 9, e111596	29
479	Characterization of microsporidia-induced developmental arrest and a transmembrane leucine-rich repeat protein in <i>Caenorhabditis elegans</i> . <b>2015</b> , 10, e0124065	13
478	Unilateral Partial Nephrectomy with Warm Ischemia Results in Acute Hypoxia Inducible Factor 1-Alpha (HIF-1 $\alpha$ ) and Toll-Like Receptor 4 (TLR4) Overexpression in a Porcine Model. <b>2016</b> , 11, e0154708	11
477	Impaired toll like receptor-7 and 9 induced immune activation in chronic spinal cord injured patients contributes to immune dysfunction. <b>2017</b> , 12, e0171003	6
476	A synthetic cationic antimicrobial peptide inhibits inflammatory response and the NLRP3 inflammasome by neutralizing LPS and ATP. <b>2017</b> , 12, e0182057	21
475	MyD88 contribution to ocular surface homeostasis. <b>2017</b> , 12, e0182153	13
474	Serum high mobility group box 1 protein levels are not associated with either histological severity or treatment response in children and adults with nonalcoholic fatty liver disease. <b>2017</b> , 12, e0185813	8
473	Integration of machine learning and meta-analysis identifies the transcriptomic bio-signature of mastitis disease in cattle. <b>2018</b> , 13, e0191227	42
472	The thromboprotective effect of traditional Chinese medicine Tongji 2 granules is dependent on anti-inflammatory activity by suppression of NF- $\kappa$ B pathways. <b>2020</b> , 15, e0241607	0
471	Evaluation and comparison of the constitutive expression levels of Toll-like receptors 2, 3 and 7 in the peripheral blood mononuclear cells of Tharparkar and crossbred cattle. <b>2014</b> , 7, 209-212	3

470	B cell toll-like receptors with respect to the pathogenesis of Sjögren's syndrome. <b>2011</b> , 54, 51-7	7
469	Significance of arachidonic acid in ocular infections and inflammation. <b>2014</b> , 1,	5
468	Effect of hydroxychloroquine on oxidative/nitrosative status and angiogenesis in endothelial cells under high glucose condition. <b>2017</b> , 7, 219-226	11
467	Perillyl alcohol has antibacterial effects and reduces ROS production in macrophages. <b>2020</b> , 28, e20190519	3
466	Glycation of macrophages induces expression of pro-inflammatory cytokines and reduces phagocytic efficiency. <b>2019</b> , 11, 5258-5275	12
465	TLR signaling inhibitor, phenylmethimazole, in combination with tamoxifen inhibits human breast cancer cell viability and migration. <b>2017</b> , 8, 113295-113302	7
464	Rv2299c, a novel dendritic cell-activating antigen of Mycobacterium tuberculosis, fused-ESAT-6 subunit vaccine confers improved and durable protection against the hypervirulent strain HN878 in mice. <b>2017</b> , 8, 19947-19967	24
463	Knockout of toll-like receptor impairs nerve regeneration after a crush injury. <b>2017</b> , 8, 80741-80756	6
462	Toll-like receptor 5 gene polymorphism is associated with breast cancer susceptibility. <b>2017</b> , 8, 88622-88629	10
461	Cancer-derived immunoglobulin G promotes LPS-induced proinflammatory cytokine production via binding to TLR4 in cervical cancer cells. <b>2014</b> , 5, 9727-43	18
460	Age-related changes in expression and signaling of TAM receptor inflammatory regulators in monocytes. <b>2018</b> , 9, 9572-9580	5
459	Role of TLR4 as a prognostic factor for survival in various cancers: a meta-analysis. <b>2018</b> , 9, 13088-13099	14
458	Leukemia inhibitory factor via the Toll-like receptor 5 signaling pathway involves aggravation of cachexia induced by human gastric cancer-derived 85As2 cells in rats. <b>2018</b> , 9, 34748-34764	8
457	Myeloid differentiation primary response gene 88-leukotriene B4 receptor 2 cascade mediates lipopolysaccharide-potentiated invasiveness of breast cancer cells. <b>2015</b> , 6, 5749-59	13
456	PPE26 induces TLR2-dependent activation of macrophages and drives Th1-type T-cell immunity by triggering the cross-talk of multiple pathways involved in the host response. <b>2015</b> , 6, 38517-37	27
455	Toll-like receptors 1, 2, 4 and 6 in esophageal epithelium, Barrett's esophagus, dysplasia and adenocarcinoma. <b>2016</b> , 7, 23658-67	38
454	Anti-oxidant and Anti-inflammatory Effects of Sinapic Acid in UVB Irradiation-Damaged HaCaT Keratinocytes. <b>2017</b> , 15, 513-522	4
453	MUC1 Story: Great Expectations, Disappointments and the Renaissance. <b>2019</b> , 26, 554-563	6

452	Potential association between TLR4 and chitinase 3-like 1 (CHI3L1/YKL-40) signaling on colonic epithelial cells in inflammatory bowel disease and colitis-associated cancer. <b>2013</b> , 13, 1110-21	24
451	Potential Medications or Compounds Acting on Toll-like Receptors in Cerebral Ischemia. <b>2018</b> , 16, 160-175	21
450	The Immunomodulatory Role of G2013 ( $\alpha$ -Guluronic Acid) on the Expression of TLR2 and TLR4 in HT29 cell line. <b>2019</b> , 16, 91-95	5
449	Innate Immunity in the Female Reproductive Tract: Role of Sex Hormones in Regulating Uterine Epithelial Cell Protection Against Pathogens. <b>2008</b> , 4, 102-117	54
448	Toll-like receptors in skin infections and inflammatory diseases. <b>2008</b> , 8, 144-55	80
447	Higher Levels of Serum TLR2 and TLR4 in Patients with Hashimoto's Thyroiditis. <b>2020</b> , 20, 118-126	4
446	Advancements in Diagnosing Periprosthetic Joint Infections after Total Hip and Knee Arthroplasty. <b>2016</b> , 10, 654-661	42
445	Ocular Surface as Barrier of Innate Immunity. <b>2015</b> , 9, 49-55	22
444	The Effect of Estradiol and Progesterone on Toll Like Receptor Gene Expression in A Human Fallopian Tube Epithelial Cell Line. <b>2016</b> , 17, 678-91	15
443	[TLR family and viral infection]. <b>2004</b> , 54, 145-51	4
442	[Virus-induced expression of type I interferon genes]. <b>2004</b> , 54, 161-7	5
441	Photoperiod alters the choroid plexus response to LPS-induced acute inflammation in ewes. <b>2020</b> ,	0
440	Reciprocal regulation of STING and TCR signaling by mTORC1 for T-cell activation and function. <b>2019</b> , 2,	19
439	Immune Response to Q Fever. <b>2007</b> , 271-280	1
438	Urinary tract infections (UTIs) or genital tract infections (GTIs)? It's the diagnostics that count. <b>2019</b> , 14, Doc14	11
437	Toll-Like Receptor Gene Expression during <i>Trichinella spiralis</i> Infection. <b>2015</b> , 53, 431-8	9
436	Characterization of genetic variation and basis of inflammatory bowel disease in the Toll-like receptor 5 gene of the red wolf and the maned wolf. <b>2017</b> , 32, 135-144	4
435	Toll-like receptors in inflammatory bowel disease-stepping into uncharted territory. <b>2008</b> , 14, 5149-53	18

434	Novel susceptibility genes in inflammatory bowel disease. <b>2006</b> , 12, 1991-9	21
433	Role of Toll-like receptors in health and diseases of gastrointestinal tract. <b>2006</b> , 12, 2149-60	81
432	Therapeutic approaches targeting intestinal microflora in inflammatory bowel disease. <b>2006</b> , 12, 4452-60	33
431	Iron overload and immunity. <b>2007</b> , 13, 4707-15	98
430	Involvement of heat shock proteins in gluten-sensitive enteropathy. <b>2014</b> , 20, 6495-503	3
429	Toll-like receptor-mediated signaling cascade as a regulator of the inflammation network during alcoholic liver disease. <b>2014</b> , 20, 16443-51	24
428	Immunostimulatory effects of cell wall-based nanoparticles in boiled radix water extracts involves TLR4. <b>2020</b> , 12, 303-308	1
427	Role of TLR4/MyD88/NF- $\kappa$ B signaling in the contrast-induced injury of renal tubular epithelial cells. <b>2020</b> , 20, 115	5
426	Engagement of toll-like receptor 3 induces vascular endothelial growth factor and interleukin-8 in human rheumatoid synovial fibroblasts. <b>2010</b> , 25, 429-35	26
425	Cinnamaldehyde Mitigates Carbon Tetrachloride-induced Acute Liver Injury in Rats Through Inhibition of Toll-like Receptor 4 Signaling Pathway. <b>2016</b> , 12, 851-862	4
424	Application toward Drug Delivery System Using $\beta$ -1,3-Glucan. <b>2015</b> , 27, 13-29	1
423	Asp299Gly and Thr399Ile polymorphism of TLR-4 gene in patients with prostate cancer from North India. <b>2013</b> , 29, 37-41	13
422	Analysis of association between TLR-4 Asp299Gly and Thr399Ile gene polymorphisms and chronic periodontitis in a sample of south Indian population. <b>2011</b> , 15, 366-70	7
421	Genotypic analysis of Asp299Gly and Thr399Ile polymorphisms of TLR4 in Egyptian patients with rheumatoid arthritis and systemic lupus erythematosus. <b>2014</b> , 26, 15-20	2
420	Neurodegenerative diseases as proteinopathies-driven immune disorders. <b>2020</b> , 15, 850-856	24
419	Receptor targeting drug delivery strategies and prospects in the treatment of rheumatoid arthritis. <b>2019</b> , 14, 471-487	4
418	Alarmins, inflammasomes and immunity. <b>2012</b> , 35, 437-49	107
417	Galectin-4 Interaction with CD14 Triggers the Differentiation of Monocytes into Macrophage-like Cells via the MAPK Signaling Pathway. <b>2019</b> , 19, e17	9

416	Gene-environment interaction between Toll-like receptor 4 and mold exposure in the development of atopic dermatitis in preschool children. <b>2013</b> , 1, 129	3
415	Down Regulation of MyD88 in Macrophages Treated with Liposomes Composed of Phosphatidylserine. <b>2013</b> , 04, 248-254	3
414	Crosstalk between innate and adaptive immunity in hepatitis B virus infection. <b>2015</b> , 7, 2980-91	19
413	The Role of Intestinal Microbiota and Mast Cell in a Rat Model of Visceral Hypersensitivity. <b>2020</b> , 26, 529-538	8
412	Synthesis of Bacterial Glycoconjugates and Their Bio-functional Studies in Innate Immunity. <b>2012</b> , 70, 113-130	9
411	MyD 88 Polymorphisms in Children Diagnosed with Sepsis. <b>2016</b> , 33, 633-638	4
410	The role of toll-like receptors (TLRs) in urinary tract infections (UTIs). <b>2016</b> , 69, 404-410	32
409	Lentian prolonged survival in patients with gastric cancer receiving S-1-based chemotherapy. <b>2011</b> , 2, 339-43	32
408	Anti-Inflammatory Activity of Carthamus tinctorious Seed Extracts in Raw 264.7 cells. <b>2013</b> , 23, 55-62	18
407	Nucleotide Sequencing and SNP Detection of Toll-Like Receptor-4 Gene in Murrah Buffalo (Bubalus bubalis). <b>2012</b> , 2012, 659513	4
406	Metabolic influence on macrophage polarization and pathogenesis. <b>2019</b> , 52, 360-372	80
405	Gambogic Acid Disrupts Toll-like Receptor4 Activation by Blocking Lipopolysaccharides Binding to Myeloid Differentiation Factor 2. <b>2015</b> , 31, 11-6	14
404	Identification of Candidate Genes Associated with Beef Marbling Using QTL and Pathway Analysis in Hanwoo (Korean Cattle). <b>2012</b> , 25, 613-20	4
403	Kombucha microbiome as a probiotic: a view from the perspective of post-genomics and synthetic ecology. <b>2012</b> , 28, 103-113	33
402	Selective constraint acting on TLR2 and TLR4 genes of Japanese frogs. <b>2018</b> , 6, e4842	4
401	Adaptive genetic variation at three loci in South African vervet monkeys () and the role of selection within primates. <b>2018</b> , 6, e4953	5
400	Evaluation of TLR2 and 4 in Chronic Periodontitis. <b>2016</b> , 10, ZC86-9	8
399	Lung development and immune status under chronic LPS exposure in rat pups with and without CD26/DPP4 deficiency. <b>2021</b> , 386, 617-636	



- 398 TLR-Mediated Signal Transduction and Neurodegenerative Disorders. **2021**, 11, o
- 397 NLRP3-mediated dysfunction of mitochondria leads to cell death in CFT073-stimulated macrophages. **2021**, 94, e13104
- 396 Tissue-Specific Function of STAT3. **2003**, 513-523
- 395 Type I Diabetes Mellitus, Infection and Toll-like Receptors. **2004**, 505-513
- 394 Overview of T-Cell Phenotype and Function. **2004**, 267-290
- 393 Biological Roles of the STAT Family in Cytokine Signaling. **2004**, 97-121
- 392 TOLL (Drosophila, 3B1, Human Homologue TRAF6).
- 391 [Application to allergic diseases]. **2005**, 28, 67-72
- 390 Enhancement of Natural Killer Cell Activity by Supplementation of Extract of Metabolic Products of Bacillus subtilis AK (EMBSAK). **2005**, 2, 127-133
- 389 Toleranz und Autoimmunität. **2005**, 713-720
- 388 Dietary Lectins and the Immune Response. **2005**,
- 387  $\alpha$ -Glucan Receptor(s) and Their Signal Transduction. **2005**, 95-108
- 386 A Growing Family of Poxvirus Innate Immune Inhibitors. **2005**, 5, 363-369 1
- 385 Immune Activation. **2005**, 171-184
- 384 Expression and Purification of Toll-like Receptor 9 Cytoplasmic Domain in Pichia pastoris. **2005**, 32, 269-273
- 383 Innate immune mechanisms and the identification of immune potentiators as vaccine adjuvants. **2006**, 57-72
- 382 Mechanisms of Helicobacter pylori-induced Gastric Inflammation. **2006**, 1091-1114
- 381 Dendritic cells as targets and tools in vaccines. **2006**, 17-33

- 380 T cell adjuvants and novel strategies for their identification. **2006**, 275-288
- 379 Toll-like family. **2006**, S132-S133
- 378 Insights into the Physiological Functions of PDE4 from Knockout Mice. **2006**,  
377 Lymphoid Cells. **2007**, 759-783
- 376 [Immunobiological activities of microbial lipoproteins/lipopeptides and their recognition by the innate immune system]. **2007**, 62, 363-74
- 375 Recognition of bacterial compounds by aortic endothelial cells activates Weibel-Palade body exocytosis. **2007**, 27, 112-116
- 374 Susceptibility to asthma exacerbations. **2007**, 167-185
- 373 The Type I Interferon System With Emphasis on Its Role in Malignancies. **2007**, 339-372
- 372 Maternal-Fetal Immunology. **2007**, 85-107
- 371 Adjuvants, Dendritic Cells, and Cytokines: Strategies for Enhancing Vaccine Efficacy. **2007**, 171-202
- 370 Necrotizing Enterocolitis: Pathogenesis, Clinical Care and Prevention. **2008**, 281-291
- 369 Combination Immunotherapy and Photodynamic Therapy for Cancer. **2008**, 99-113
- 368 The Inflammatory Response to Ischemic Acute Renal Injury. **2008**, 2577-2589
- 367 Expressions of Toll-like receptor and signaling genes in chronic hemodialysis patients. **2008**, 41, 611-616
- 366 Therapeutic Strategies Targeting the Innate Antiviral Immune Response. **2008**, 223-251
- 365 Immunobiology of Transplantation. **2008**, 39-54
- 364 Aging, Inflammation, and Pneumococcal Disease. **2008**, 53-68
- 363 Factoring in Antigen Processing in Designing Antitumor T-Cell Vaccines. **2008**, 1-30

362 Characteristics of Dendritic Cell Responses to Nucleic Acids. **2008**, 43-58

361 Signaling Networks in Biology. 1

360 Role of Host Molecular Chaperones in Responses to Bacterial Infection and Endotoxin Exposure. **2009**, 107-120

359 VACCINES. **2009**, 1247-1268

358 Innate Immunity. **2009**, 277-290

357 ??????????. **2009**, 23, 69-74

356 Signal Transduction. **2009**, 129-147

355 Dendritic cells: perspectives of clinical application. **2009**, 6, 30-38

354 Toll-like Receptors.

353 Development of CTL-based liposomal vaccines. **2010**, 25, 29-36

352 Mind Your Xs and Ys: Genetics of the Autoimmune Disease Systemic Lupus Erythematosus. **2010**, 371-376

351 Immunsystem. **2010**, 503-514

350 Cell-Mediated Defense against Infection. **2010**, 129-150

1

349 Immunostimulatory (CpG) DNA-Based Therapies for the Treatment of Allergic Disease. **2010**, 65-77

348 ?????????? ?????????? **2010**, 69, 125-127

347 Pattern Recognition.

346 Infection and Sepsis. **2010**, 239-274

345 Molecular Therapies. **2011**, 257-275

- 344 Metabolic Syndrome and Inflammation. **2011**, 69-92 1
- 343 Interferon, Cytokine Induction, and other Potential In Vivo Toxicities. 216-271
- 342 Neonatal Pulmonary Host Defense. **2011**, 1701-1744
- 341 Genomics and DNA Variation: Determinants of Susceptibility and Outcomes in Microbial Diseases. **2011**, 787-802
- 340 Principles of innate immunity. **2011**, 141-151
- 339 SUGGESTED READINGS. **2011**, 239-243
- 338 Using Systems Biology Approaches to Predict New Players in the Innate Immune System. **2011**, 428-477
- 337 16 Kallikrein-kinin system in inflammation. **2011**,
- 336 Immunobiology of the Liver. **2011**, 29-35
- 335 Toll-Like Receptors. 307-316
- 334 Regulatory Roles of B Cells in Allergy and Inflammation. 67-77 o
- 333 A Role for Natural Killer T-Cell Subsets in the Pathogenesis of Various Allergic Disorders. 59-66
- 332 Epithelial Cells. 139-148
- 331 Toll-Like Receptors and Their Regulatory Mechanisms. **2012**, 39-49
- 330 Drotrecogin Alfa Activated (Recombinant Human Activated Protein C, Xigris).
- 329 Chorioamnionitis and Its Effects on the Fetus/Neonate: Emerging Issues and Controversies. **2012**, 317-334
- 328 Chapter 2.3:Nanostructures for Oral Vaccine Delivery. **2012**, 91-113
- 327 Basic Principles of Immunology in Urology. **2012**, 495-529.e5

- 326 Pam3CSK4, a TLR2 Agonist, Induces Osteoclastogenesis in RAW 264.7 Cells. **2012**, 32, 181-188
- 325 Innate Immune Signaling and Alcoholism. **2013**, 251-278 1
- 324 Vitamin D and Human Innate Immunity. **2012**, 223-238 1
- 323 Immunological Mechanisms of Inflammation. **2013**, 15-26
- 322 TLR5 involvement in attenuated IL-8 production in nuclear decorin silenced oral mucosal dysplastic keratinocytes and squamous cell carcinoma. **2013**, 03, 248-254
- 321 CHAPTER 10:TLR-7 Agonists for the Treatment of Viral Hepatitis. **2013**, 365-383
- 320 Toll-Like Receptors as Biomarkers of Gastric Carcinogenesis: Implications for Diagnosis, Prognosis and Treatment. **2013**, 04, 1037-1047
- 319 Innate immune responses in allergy. **2013**, 27, 665-673
- 318 Antigen Delivery Systems as Oral Adjuvants. **2014**, 603-622
- 317 Schwann Cells and Injury. **2013**,
- 316 Heat-Shock Protein-Based Cancer Immunotherapy. **2014**, 37-56
- 315 9 Mucosal Immunology in Candida albicans Infection. **2014**, 161-176
- 314 Phospholipase C Isoform Functions in Immune Cells. **2014**, 211-226
- 313 Expression of Toll-Like Receptor-2 and -4 in Amniochorion Membranes of Preterm Delivery in the Presence of Histologic Chorioamnionitis. **2014**, 04, 857-863
- 312 Contribution of Receptors, Transcription Factors, and Genes in the Induction of Neuroinflammation. **2014**, 111-142
- 311 A modular approach to suppression assays: TLR ligands, conditioned medium, and viral infection. **2014**, 1169, 107-20
- 310 The Function of Leukocyte Immunoglobulin-Like Receptors in Self-Tolerance, Viral Recognition, and Regulation of Adaptive Responses. 301-312
- 309 Cell Biology: an Overview. 63-86

- 308 C-Type Lectins: Multifaceted Receptors in Phagocyte Biology. 123-135
- 307 Fimbriae, Signaling, and Host Response to Urinary Tract Infection. 379-394
- 306 The Constituents of the Cell Envelope and Their Impact on the Host Immune System. 249-270
- 305 Dendritic Cells and Their Tissue Microenvironment during Exposure to Pathogens. 51-68
- 304 *Listeria monocytogenes* Infection of Mice: an Elegant Probe To Dissect Innate and T-Cell Immune Responses. 609-619
- 303 Systems Vaccinology: Using Functional Signatures To Design Successful Vaccines. 547-557 0
- 302 Inhibitory Effect of *Alopecurus aequalis* Sobol Ethanol Extracts on LPS-induced Inflammatory Response in RAW 264.7 Cells. **2014**, 22, 98-104 7
- 301 Role of Oxidative Stress and Inflammation in Nutrition-Infection Interactions and the Potential Therapeutic Strategy Using Antioxidants and Modulating Inflammation. **2014**, 81-106
- 300 Frontiers in Cancer Immunotherapy. **2015**, 1-22
- 299 Importance of Natural Proteins in Infectious Diseases. **2015**, 101-113 0
- 298 Principles of innate immunity. **2015**, 127-133
- 297 THE CHARACTERIZATION OF PROAPOPTOTIC ACTIVITY OF LIPOPOLYSACCHARIDE IN ISOLATED SUBPOPULATIONS OF HUMAN T-LYMPHOCYTES. **2015**, 4, 347-352
- 296 Gastritis and Gastropathy. 1103-1120
- 295 ??????????????????????????. **2016**, 50, 265-277
- 294 Immune Response After *Campylobacter* spp. Infection in Poultry. **2016**, 59-74
- 293 Aliphatic Polyesters: Particulate Vaccine Delivery. 147-185
- 292 Association of Toll-like receptors 2, 3, and 4 genes polymorphisms with periapical pathosis risk. **2016**, 21, e408-12 1
- 291 Innate Immunosenescence and Its Impact on Health in Old Age. **2017**, 1-20

290 Cells in the Skin. **2017**, 63-113

289 Immunologic Mechanism of Ischemia Reperfusion Injury in Transplantation. **2017**, 31, 99

288 Lichen Planus. **2017**, 551-576

0

287 TLR Signalling: Beyond Immunity. 1-7

286 Production of RNase III-knockout, auxotrophic *Edwardsiella tarda* mutant for delivery of long double-stranded RNA and evaluation of its immunostimulatory potential. **2017**, 68, 474-478

285 Anti-bacterial and Anti-inflammatory Activities of Solvent Fractions of *Gynura Procumbens* Leaf Extracts for the Development of Food Materials. **2017**, 13, 247-256

284 Therapy for threatened miscarriage with micronized progesterone and dydrogesterone (results of multicenter open prospective comparative non-interventional study). **2018**, 24, 34

2

283 POLYMORPHISM OF GENES OF TOLL-LIKE RECEPTORS AS A POTENTIAL FACTOR OF PREDISPOSITION TO TUBERCULOSIS. **2018**, 96, 11-16

3

282 Role of Immunology in Periodontal Disease: A Brief Review. **2018**, 8, 25-28

281 Study of TLR2, TLR4 and Apoptosis of Lymphocytes in Patients with Ankylosing Spondylitis. **2018**, 08, 55-62

280 New principles and possibilities for creation of immunobiological preparations and treatment of animal diseases. **2018**, 32, 190-201

279 Prognostic Value of Genetic Markers for Efficacy Estimation of Induction Treatment Including Autologous Hematopoietic Stem Cell Transplantation in Multiple Myeloma Patients. **2018**, 11, 54-69

1

278 Insights into the evolution of extracellular leucine-rich repeats in metazoans with special reference to Toll-like receptor 4.

277 Identification of genetic predisposition to latent tuberculosis infection. **2018**, 27-31

276 Research progress of follicular cytotoxic T cells in HIV infection. **2018**, 6, 83-87

275 Study on the role of PGC-1 on the obesity by inflammation. **2018**, 6, 11-19

274 Bacterial clearance enhanced by  $\alpha$ , 3- and  $\alpha$ , 6-sialyllactose via receptor-mediated endocytosis and phagocytosis.

273 Challenges and Advances in Rosacea Management. **2018**, 3,

- 272 Biofilm-Mediated Skin Infections. **2019**, 215-231
- 271 Inflammatory Mediators and Intracellular Signalling. **2019**, 139-163
- 270 Peptidoglycan Mediates Loa22 and Toll-like Receptor 2 Interactions in Pathogenic *Leptospira*. 0
- 269 Crosslinking Proteomics Indicates Effects of Simvastatin on the TLR2 interactome and Reveals ACTR1A as a Novel Regulator of the TLR2 Signal Cascade.
- 268 The significance of Toll-like receptors in selected nephropathies. **2019**, 55, 107-112
- 267 Transcriptome responses of intestinal epithelial cells induced by membrane vesicles of *Listeria monocytogenes* unveil novel insights into the host-pathogen cross talk. 1
- 266 Generalized Multi-SNP Mediation Intersection-Union Test. 1
- 265 Model of Cell Activation through TLR4 and TNFR2 Receptors. **2019**, 74, 662-668 0
- 264 Intrahepatische Gallenwegserkrankungen. **2020**, 275-343
- 263 Stories of drug repurposing for pancreatic cancer treatment Past, present, and future. **2020**, 231-272 1
- 262 Rheumatological Manifestations of GI Disorders. **2020**, 1-17
- 261 Presencia de receptores tipo Toll (TLR2 y TLR4) en actinomicetomas por *Actinomadura madurae*. **2020**, 29, 5-9
- 260 TLR4 knockout upregulates the expression of Mfn2 and PGC-1 $\alpha$  in a high-fat diet and ischemia-reperfusion mice model of liver injury. **2020**, 254, 117762 2
- 259 Microglia and macrophage exhibit attenuated inflammatory response and ferroptosis resistance after RSL3 stimulation via increasing Nrf2 expression. **2021**, 18, 249 11
- 258 Understanding the role of gut microbiota in the pathogenesis of schizophrenia. **2021**, 31, 39-49
- 257 Probiotic Supplementation Reduces Inflammatory Profiles But Does Not Prevent Oral Immune Perturbations During SIV Infection.
- 256 Sequence-Based Structural and Evolution of Polymorphisms in Bovine Toll-Like Receptor2 Gene in Dhanni and Jersey Cattle Breeds. Genetic polymorphisms in bovine TLR2. **2020**, 56, 1484-1495
- 255 Effects of a blend of mannan and glucan on growth performance, apparent nutrient digestibility, energy status, and whole-blood immune gene expression of beef steers during a 42-d receiving period. **2021**, 5, txa226





254	Role of Th17 cell in tissue inflammation and organ-specific autoimmunity. <b>2022</b> , 93-121	0
253	The innate immune system. <b>2020</b> , 307-314	
252	CHAPTER 13:Small Molecule Modulators of Endo-lysosomal Toll-like Receptors. <b>2020</b> , 339-372	
251	Transferrin-dependent crosstalk between the intestinal tract and commensal microbes contributes for immune tolerance.	1
250	Consensus transcriptional regulatory networks of coronavirus-infected human cells. <b>2020</b> ,	1
249	Resistance Against Infection Depends on Microbiota-Guided Macrophage Activation. <b>2021</b> , 12, 730437	1
248	Defective Toll-Like Receptors Driven B Cell Response in Hyper IgE Syndrome Patients With Mutations. <b>2021</b> , 9, 738799	1
247	Cannabidiol selectively modulates interleukin (IL)-1 $\beta$ and IL-6 production in toll-like receptor activated human peripheral blood monocytes. <b>2021</b> , 464, 153016	4
246	Simultaneous analysis of saturated and unsaturated oxylipins in 'ex vivo' cultured peripheral blood mononuclear cells and neutrophils. <b>2020</b> , 186, 113258	3
245	Using Systems Biology Approaches to Predict New Players in the Innate Immune System. 690-724	
244	Recognition of Pathogens: Toll-Like Receptors. <b>2008</b> , 1-36	
243	High-Mobility Group Box 1: Missing Link Between Thrombosis and Inflammation?. <b>2008</b> , 193-202	
242	NF- $\kappa$ B and Immune Cell Effector Functions. <b>2006</b> , 70-83	
241	Innate Immune Regulation of Lung Injury and Repair. <b>2006</b> , 110-117	
240	NOD proteins and defence against microbial infection. 17-23	
239	Genes Modulated by Interferons and Double-Stranded RNA. <b>2005</b> , 35-63	
238	Immunsystem. <b>2005</b> , 538-550	
237	Vaccination in the context of immunological immaturity. <b>2005</b> , 119-169	

- 236 Toll-like receptors as pharmacological targets. **2006**, 223-240
- 235 Sepsis: avoiding its deadly toll. **2004**, 113, 1387-9 7
- 234 Knockout and Disease Models in Toll-Like Receptor-Mediated Immunity. **2006**, 41-61
- 233 Alternatives to Antimicrobials. **2007**, 419-433
- 232 A Short Primer on Fundamental Immunology. **2007**, 15-24
- 231 Immunit. **2008**, 109-125
- 230 Middle Ear Infection and Hearing Loss. **2018**, 115-132
- 229 Immunsystem. **2007**, 1103-1140
- 228 Immunity. **2006**, 100-115
- 227 Immune Circuits of the Skin. **2009**, 33-44
- 226 Neuroinflammation and Toll-Like Receptors in the Skin. **2009**, 89-102
- 225 Immune Responses to Indwelling Medical Devices. **2008**, 239-264
- 224 siRNA Therapeutic Design: Tools and Challenges. **2012**, 475-503 0
- 223 Lack of association of Toll-like receptor 9 polymorphisms with susceptibility to systemic lupus erythematosus in an Asian population: a meta-analysis. **2012**, 22, 550-6 4
- 222 Frontiers in Cancer Immunotherapy. **2021**, 1-23
- 221 Current and Future molecular mechanism in Inflammation and Arthritis. **2020**, 23, 54-61 1
- 220 Expression of toll-like receptor 4 in uvea-resident tissue macrophages during endotoxin-induced uveitis. **2009**, 15, 619-28 33
- 219 TLR2 and TLR4 as Potential Biomarkers of Environmental Particulate Matter Exposed Human Myeloid Dendritic Cells. **2007**, 2, 226-40 7

218	Altered expression of genes associated with innate immunity and inflammation in recalcitrant rhinosinusitis with polyps. <b>2006</b> , 20, 138-44	45
217	Nuclear factor translocation and acute anterior uveitis. <b>2011</b> , 17, 170-6	16
216	The Role of MicroRNA in Inflammatory Bowel Disease. <b>2010</b> , 6, 714-22	62
215	Outside the operating room: unlimited directions in research and beyond. <b>2011</b> , 11, 14-6	1
214	Dysregulated inflammation as a risk factor for pneumonia in the elderly. <b>2011</b> , 2, 487-500	30
213	Immunity, cancer and aging: lessons from mouse models. <b>2011</b> , 2, 512-23	16
212	Exercise, inflammation and aging. <b>2012</b> , 3, 130-40	124
211	The structure of the TLR5-flagellin complex: a new mode of pathogen detection, conserved receptor dimerization for signaling. <b>2012</b> , 5, pe11	4
210	5-Fluorouracil Induce the Expression of TLR4 on HCT116 Colorectal Cancer Cell Line Expressing Different Variants of TLR4. <b>2013</b> , 12, 453-60	16
209	The Roles of Radiotherapy and Immunotherapy for the Treatment of Lymphoma. <b>2013</b> , 5, 27-38	3
208	Expression of Toll-like receptors 7-10 in human fallopian tubes. <b>2014</b> , 12, 389-94	3
207	Neuroimmune Function and the Consequences of Alcohol Exposure. <b>2015</b> , 37, 331-41, 344-51	74
206	Molecular Genetic of Atopic dermatitis: An Update. <b>2016</b> , 10, 96-120	8
205	Exercise in Regulation of Inflammation-Immune Axis Function in Cancer Initiation and Progression. <b>2015</b> , 29, 908-20, 922	46
204	The Role of Platelet-Activating Factor in Chronic Inflammation, Immune Activation, and Comorbidities Associated with HIV Infection. <b>2015</b> , 17, 191-201	25
203	Lack of Associations between TLR9 and MYD88 Gene Polymorphisms and Risk of Chronic Lymphocytic Leukemia. <b>2017</b> , 18, 3245-3250	1
202	The anti-inflammatory effect of minocycline on endotoxin-induced uveitis and retinal inflammation in rats. <b>2019</b> , 25, 359-372	8
201	Immunogenicity and protection effects of cationic liposome containing imiquimod adjuvant on leishmaniasis in BALB/c mice. <b>2019</b> , 22, 922-931	5

200	Detailed Investigation of Downstream TLR Signaling in the Follicular Cells of Women with Endometriosis. <b>2020</b> , 21, 231-239	1
199	Immunophysiology of the avian immune system. <b>2022</b> , 571-590	0
198	Lycium barbarum polysaccharides alleviate LPS-induced inflammatory responses through PPAR $\gamma$ /MAPK/NF- $\kappa$ B pathway in bovine mammary epithelial cells. <b>2021</b> ,	3
197	Toll-Like Receptor (TLR) Signaling Enables Cyclic GMP-AMP Synthase (cGAS) Sensing of HIV-1 Infection in Macrophages. <b>2021</b> , e0281721	1
196	Acid Dentin Lysate Modulates Macrophage Polarization and Osteoclastogenesis In Vitro. <b>2021</b> , 14,	
195	T-cell intrinsic Toll-like receptor signaling: implications for cancer immunotherapy and CAR T-cells. <b>2021</b> , 9,	2
194	Myeloid Protease-Activated Receptor-2 Contributes to Influenza A Virus Pathology in Mice.. <b>2021</b> , 12, 791017	
193	Detailed Investigation of Downstream TLR Signaling in the Follicular Cells of Women with Endometriosis. <b>2020</b> , 21, 231-239	1
192	Inhibition of pro-inflammatory mediator expression in macrophages using wood vinegar from griffith's ash. <b>2021</b> , 64, 232-243	
191	Toll-Like Receptors in Stem/Progenitor Cells. <b>2021</b> ,	0
190	Update on the etiopathogenesis of psoriasis (Review).. <b>2022</b> , 23, 201	1
189	Reprogramming cholesterol metabolism in macrophages and its role in host defense against cholesterol-dependent cytolysins.. <b>2022</b> ,	3
188	Toll-7 promotes tumour growth and invasion in Drosophila.. <b>2022</b> , e13188	2
187	Toll-like receptor 8 agonists improve NK-cell function primarily targeting CD56CD16 subset.. <b>2022</b> , 10,	1
186	Oncostatin M expression induced by bacterial triggers drives airway inflammatory and mucus secretion in severe asthma.. <b>2022</b> , 14, eabf8188	1
185	Sex Differences in TLR4 Expression in SHR Do Not Contribute to Sex Differences in Blood Pressure or the Renal T cell Profile.. <b>2022</b> ,	0
184	Functions of Toll-like receptors as an inborn immunity component and their participation in the pathogenesis of dermatoses of different etiologies. <b>2011</b> , 87, 18-25	2
183	Insights into the evolution of extracellular leucine-rich repeats in metazoans with special reference to Toll-like receptor 4. <b>2019</b> , 44,	1

182	Histone deacetylase inhibitor sodium butyrate regulates the activation of toll-like receptor 4/interferon regulatory factor-3 signaling pathways in prostate cancer cells. <b>2022,</b>	0
181	On the Complex Pathogenesis of Sjögren's Syndrome: Genetics, Epigenetics, Toxins, Viruses, and Bacteria. <b>2022,</b> 37-59	
180	Peptide-based vaccines. <b>2022,</b> 155-173	
179	Transcriptional Expression Profiles of Olive Flounder ( <i>Paralichthys olivaceus</i> ) Toll-like Receptor 3 (TLR3) and TLR22 in Response to Extracellular Poly I:C Stimuli. <b>2022,</b> 34, 23-33	
178	Deciphering the Role of Aquaporins in Metabolic Diseases: A Mini Review.. <b>2022,</b>	0
177	Genetic Predisposition and the Variable Course of Infectious Diseases.. <b>2022,</b>	0
176	Integration of Transcriptomic and Proteomic Analyses Reveals New Insights into the Regulation of Immune Pathways in Midgut of upon SariNPV Infection.. <b>2022,</b> 13,	
175	The Prognostic Role and Significance of DLL4 and Toll-like Receptors in Cancer Development.. <b>2022,</b> 14,	0
174	Roles of Microbiota in Cancer: From Tumor Development to Treatment.. <b>2022,</b> 2022, 3845104	0
173	Functional and Molecular Immune Response of Rainbow Trout ( <i>O. mykiss</i> ) Following Challenge with .. <b>2022,</b> 23,	1
172	Relationship between Immune Cells, Depression, Stress, and Psoriasis: Could the Use of Natural Products Be Helpful?. <b>2022,</b> 27,	5
171	eIF3k inhibits NF- $\kappa$ B signaling by targeting MyD88 for ATG5-mediated autophagic degradation in teleost fish.. <b>2022,</b> 101730	1
170	Genes and elements involved in the regulation of the nervous system and growth affect the development of spinal deformity in <i>Cyprinus carpio</i> .. <b>2022,</b> 17, e0266447	
169	Pan-Caspase Inhibitor zVAD Induces Necroptotic and Autophagic Cell Death in TLR3/4-Stimulated Macrophages.. <b>2021,</b>	1
168	Type 2 diabetes and the clinically normal pulp: An in vitro study.. <b>2022,</b>	1
167	Lichen planopilaris and frontal fibrosing alopecia: review and update of diagnostic and therapeutic features.. <b>2022,</b>	2
166	Added to pre-existing inflammation, mRNA-lipid nanoparticles induce inflammation exacerbation (IE).. <b>2021,</b>	7
165	Toll-like receptors: new targets for multiple myeloma treatment?. <b>2022,</b> 114992	1

- 164 Role of Innate Immunity and Oxidative Stress in the Development of Type 1 Diabetes Mellitus. Peroxiredoxin 6 as a New Anti-Diabetic Agent.. **2021**, 86, 1579-1589 ○
- 163   **2021**, 86, 1840-1852
- 162 Adaptation and cryptic pseudogenization in penguin Toll-like Receptors.. **2021**, ○
- 161 The expression profiles of chemokines, innate immune and apoptotic genes in tumors caused by Rous Sarcoma Virus (RSV-A) in chickens.. **2021**,
- 160 Natural killer cells: origin, phenotype, function. **2021**, 23, 1207-1228 1
- 159 Assessing the Role of Lipopolysaccharide (LPS) Receptor (CD14) in Septic Cardiomyopathy: The Value of Immunohistochemical Diagnostics.. **2022**, 12,
- 158 Lipidation of Antigens P6 and OMP26 Improves Immunogenicity and Protection against Nasopharyngeal Colonization and Ear Infection.. **2022**, e0067821 1
- 157 Targeting oncometabolism to maximize immunotherapy in malignant brain tumors.. **2022**, 1
- 156 A complex proinflammatory cascade mediates the activation of HSCs upon LPS exposure in vivo.. **2022**, ○
- 155 Multimodal Benefits of Exercise in Patients With Multiple Sclerosis and COVID-19.. **2022**, 13, 783251 ○
- 154 Image\_1.PDF. **2018**,
- 153 Table\_1.docx. **2018**,
- 152 Table\_2.docx. **2018**,
- 151 Table\_3.docx. **2018**,
- 150 Table\_4.docx. **2018**,
- 149 Table\_5.docx. **2018**,
- 148 Image\_1.pdf. **2020**,
- 147 Image\_2.pdf. **2020**,

146 Table\_1.docx. **2020,**

145 Table\_2.docx. **2020,**

144 Image\_1.TIFF. **2020,**

143 Image\_2.TIFF. **2020,**

142 Data\_Sheet\_1.PDF. **2018,**

141 Data\_Sheet\_2.PDF. **2018,**

140 Image\_1.TIF. **2018,**

139 Image\_2.TIF. **2018,**

138 Image\_3.TIF. **2018,**

137 Image\_4.TIF. **2018,**

136 Image\_5.TIF. **2018,**

135 Table\_1.DOCX. **2018,**

134 Image\_1.tiff. **2018,**

133 Image\_1.tif. **2018,**

132 Image\_2.tif. **2018,**

131 Image\_3.TIF. **2018,**

130 Table\_1.XLSX. **2018,**

129 Table\_2.XLSX. **2018,**

128 Table\_3.XLS. **2018**,

127 Presentation\_1.PDF. **2018**,

126 Table\_1.xlsx. **2020**,

125 Data\_Sheet\_1.PDF. **2020**,

124 Data\_Sheet\_1.docx. **2018**,

123 Data\_Sheet\_1.docx. **2020**,

122 Table\_1.DOCX. **2020**,

121 Table\_2.docx. **2020**,

120 Image\_1.pdf. **2020**,

119 Image\_1.tif. **2020**,

118 Data\_Sheet\_1.docx. **2018**,

117 Image\_1.TIFF. **2018**,

116 Table\_1.docx. **2018**,

115 Data\_Sheet\_1.PDF. **2019**,

114 Effector memory CD4 T cells induce damaging innate inflammation and autoimmune pathology by engaging CD40 and TNFR on myeloid cells.. **2022**, 7, eabk0182 ○

113 Evolutionary Aspects of Infections: Inflammation and Sickness Behaviors.. **2022**, 1 ○

112 Extracellular Ribosomal RNA Acts Synergistically with Toll-like Receptor 2 Agonists to Promote Inflammation.. **2022**, 11, ○

111 Innate Immune Response to Dengue Virus: Toll-like Receptors and Antiviral Response. **2022**, 14, 992 ○



110	Detection of Extracellular Traps in Canine Steroid-Responsive Meningitis-Arteritis.. <b>2022</b> , 9, 863579	0
109	Effects of a multi-component microbial feed additive containing prebiotics and probiotics on health, immune status, metabolism, and performance of newly weaned beef steers during a 35-d receiving period.	0
108	Expression analysis of TLR signaling pathway genes under lipopolysaccharide-induced and F17-infected sheep intestinal epithelial cells.. <b>2022</b> , 1-7	0
107	Emerging Viral Infections and the Potential Impact on Hypertension, Cardiovascular Disease, and Kidney Disease.. <b>2022</b> , 130, 1618-1641	0
106	Characterization, evolution and expression analysis of Toll-like receptor 7 (TLR7) in turbot ( <i>Scophthalmus maximus</i> L.).. <b>2022</b> , 125, 9-16	0
105	Role of Toll-Like Receptor 5 in the Development of Ulcerative Colitis.. <b>2021</b> , 76, 1639-1643	
104	Mechanisms involved in controlling RNA virus-induced intestinal inflammation. <b>2022</b> , 79,	0
103	Chemical structures of cyclic ADP ribose (cADPR) isomers and the molecular basis of their production and signaling.	0
102	Comparative Transcriptomic Immune Responses of Mullet ( <i>Mugil cephalus</i> ) Infected by Planktonic and Biofilm <i>Lactococcus Garvieae</i> . <b>2022</b> , 12,	
101	Myth surrounding the FDA disapproval of hydroxychloroquine sulfate and chloroquine phosphate as drugs for coronavirus disease 2019. <b>2022</b> , 153-168	0
100	Mechanisms for the Invasion and Dissemination of Salmonella. <b>2022</b> , 2022, 1-12	0
99	Sorafenib inhibits LPS-induced inflammation by regulating Lyn-MAPK-NF-kB/AP-1 pathway and TLR4 expression. <b>2022</b> , 8,	3
98	Microbial-Derived Toll-like Receptor Agonism in Cancer Treatment and Progression. <b>2022</b> , 14, 2923	0
97	Mitochondrial DNA as a Biomarker for Acute Central Serous Chorioretinopathy: A Case-Control Study. 9,	
96	Integration of Ligand-Based and Structure-Based Methods for the Design of Small-Molecule TLR7 Antagonists. <b>2022</b> , 27, 4026	0
95	AIF-1 and RNASET2 are involved in the inflammatory response in the Mediterranean mussel <i>Mytilus galloprovincialis</i> following <i>Vibrio</i> infection. <b>2022</b> , 127, 109-118	1
94	Immunoregulation of Ghrelin in neurocognitive sequelae associated with COVID-19: an in silico investigation. <b>2022</b> , 834, 146647	0
93	Nanomaterials and immune system. <b>2022</b> , 65-114	

- 92 Theranostic Small-Molecule Prodrug Conjugates for Targeted Delivery and Controlled Release of Toll-like Receptor 7 Agonists. **2022**, 23, 7160 3
- 91 Innate immunity as a target for novel therapeutics in triple negative breast cancer. 1-14 0
- 90 Engineering a Therapeutic Protein to Enhance the Study of Anti-Drug Immunity. **2022**, 10, 1724
- 89 NF- $\kappa$ B Regulation by Gut Microbiota Decides Homeostasis or Disease Outcome During Ageing. 10, 1 1
- 88 Toll-Like Receptor 4 Gene Polymorphisms and Susceptibility to Schizophrenia: A Case-Control Study. 1-16
- 87 A zebrafish model of COVID-19-associated cytokine storm syndrome reveals that the Spike protein signals via TLR2.
- 86 Epigenomics of conventional type-I dendritic cells depicted preferential control of TLR9 versus TLR3 response by NCoR1 through differential IRF3 activation. **2022**, 79, 0
- 85 Long non-coding RNAs are involved in immune resistance to *Aeromonas hydrophila* in black carp (*Mylopharyngodon piceus*). **2022**, 127, 366-374
- 84 Characterization, expression and function analysis of pTLR5S and pTLR5M in yellow catfish (*Pelteobagrus fulvidraco*) responding to bacterial challenge. **2022**, 216, 322-335 0
- 83 Effect of mild intermittent cold stimulation on thymus immune function in broilers. **2022**, 102073 0
- 82 Toll-like receptor 10 has a role in human macrophage response against *Streptococcus pneumoniae*.
- 81 Recognition of Pathogens and Their Inflammatory Signaling Events. **2022**, 10, 462-467
- 80 Association of TLR9-1237T>C; rs5743836 polymorphism with increased risk of Hodgkin's lymphoma: A case-control study. **2022**, 17, e0272312
- 79 Biological response of extracorporeal shock wave therapy to tendinopathy in vivo (review). 9, 0
- 78 Inhibition of human macrophage activation via pregnane neurosteroid interactions with toll-like receptors: Sex differences and structural requirements. 13, 0
- 77 Basic Immunology for Bioanalytical Testing of Biotherapeutics. **2022**, 23-49
- 76 Synthetic lethality in personalized cancer therapy.
- 75 TLR9 signaling activation via direct ligation and its functional consequences in CD4<sup>+</sup>T cells.

74	mTOR regulation of metabolism limits LPS-induced monocyte inflammatory and procoagulant responses. <b>2022</b> , 5,	1
73	Genome-Wide Identification and Characterization of Toll-like Receptors (TLRs) in <i>Diaphorina citri</i> and Their Expression Patterns Induced by the Endophyte <i>Beauveria bassiana</i> . <b>2022</b> , 8, 888	1
72	Exosomal miRNAs in the plasma of <i>Cynoglossus semilaevis</i> infected with <i>Vibrio harveyi</i> : Pleiotropic regulators and potential biomarkers involved in inflammatory and immune responses. 13,	0
71	Elevated serum TLR4 level as a potential marker for postsurgical chronic pain in pediatric patients with different approaches to analgesia. 9,	
70	Flaviviridae Nonstructural Proteins: The Role in Molecular Mechanisms of Triggering Inflammation. <b>2022</b> , 14, 1808	1
69	Development, Optimization, and In Vivo Validation of New Imidazopyridine Chemotypes as Dual TLR7/TLR9 Antagonists through Activity-Directed Sequential Incorporation of Relevant Structural Subunits.	0
68	Circular RNA circRara promote the innate immune responses in miiuy croaker, <i>Miichthys miiuy</i> . <b>2022</b> , 128, 557-564	0
67	Roles of pattern recognition receptors in response to fungal keratitis. <b>2022</b> , 307, 120881	
66	Oxidative stress, apoptosis, and transcriptional responses in <i>Acropora microphthalma</i> under simulated diving activities. <b>2022</b> , 183, 114084	0
65	The pathogenicity of COVID-19 and the role of pentraxin-3: An updated review study. <b>2022</b> , 238, 154128	1
64	Fatty Acid Levels and Their Inflammatory Metabolites Are Associated with the Nondipping Status and Risk of Obstructive Sleep Apnea Syndrome in Stroke Patients. <b>2022</b> , 10, 2200	1
63	LPS- and LTA-Induced Expression of TLR4, MyD88, and TNF- $\alpha$ in Lymph Nodes of the Akkaraman and Romanov Lambs. 1-15	0
62	Septic cardiomyopathy: characteristics, evaluation, and mechanism. <b>2022</b> , 2, 135-147	0
61	The Inhibitory Effects of Fluoxetine on Secretion of Inflammatory Mediators and Genes Expression of JAK/STAT3 and JNK/TLR4.	0
60	Activation and regulation mechanisms of NOD-like receptors based on structural biology. 13,	1
59	Transcriptional changes in the gilthead seabream ( <i>Sparus aurata</i> ) skin in response to ultraviolet B radiation exposure. 9,	0
58	An Immunological Polysaccharide from <i>Tremella fuciformis</i> : Essential Role of Acetylation in Immunomodulation. <b>2022</b> , 23, 10392	1
57	Differential expression of Toll-like receptors in response to symptomatic and asymptomatic <i>Trichomonas vaginalis</i> infections.	0

56	Current Perspectives: Evidence to Date on BTK Inhibitors in the Management of Multiple Sclerosis. Volume 16, 3473-3490	0
55	Receptors of immune cells mediates recognition for tumors. <b>2022,</b>	0
54	Best genome sequencing strategies for annotation of complex immune gene families in wildlife. <b>2022, 11,</b>	0
53	Major pathways involved in macrophage polarization in cancer. 13,	2
52	The NQR pathway regulates the immunomodulatory function of <i>Bacteroides thetaiotaomicron</i> .	0
51	Intralesional TLR4 agonist treatment strengthens the organ defense against colonizing cancer cells in the brain.	0
50	Contribution of T- and B-cell intrinsic toll-like receptors to the adaptive immune response in viral infectious diseases. <b>2022, 79,</b>	0
49	The Hidden Role of Non-Canonical Amyloid $\beta$ isoforms in Alzheimer's Disease. <b>2022, 11, 3421</b>	0
48	CNS remyelination and inflammation: From basic mechanisms to therapeutic opportunities. <b>2022, 110, 3549-3565</b>	1
47	Tunable Strategy for the Asymmetric Synthesis of Sulfoglycolipids from <i>Mycobacterium tuberculosis</i> To Elucidate the Structure and Immunomodulatory Property Relationships.	0
46	Gut-kidney axis in IgA nephropathy: Role on mesangial cell metabolism and inflammation. 10,	0
45	Self-Assembly of Immune Signals to Program Innate Immunity through Rational Adjuvant Design. 2202393	0
44	Tunable Strategy for the Asymmetric Synthesis of Sulfoglycolipids from <i>Mycobacterium tuberculosis</i> To Elucidate the Structure and Immunomodulatory Property Relationships.	0
43	RNA-seq based elucidation of mechanism underlying the protective effect of Huangshui polysaccharide on intestinal barrier injury in Caco-2 cells. <b>2022, 112175</b>	1
42	Evolution of Th1 and Th2 biased cytokines in divergent species of animals. <b>2019, 89,</b>	0
41	The Functional Properties and Physiological Roles of Signal-Transducing Adaptor Protein-2 in the Pathogenesis of Inflammatory and Immune Disorders. <b>2022, 10, 3079</b>	0
40	Measles Virus-Induced Host Immunity and Mechanisms of Viral Evasion. <b>2022, 14, 2641</b>	0
39	Is There a Role for Immunoregulatory and Antiviral Oligonucleotides Acting in the Extracellular Space? A Review and Hypothesis. <b>2022, 23, 14593</b>	1

- 38 Crosstalk between liver macrophages and gut microbiota: An important component of inflammation-associated liver diseases. 10, 0
- 37 Functional Implications of Epstein-Barr Virus Lytic Genes in Carcinogenesis. **2022**, 14, 5780 1
- 36 Molecular characterizations of TLR1 and TLR2 in Qihe crucian carp (*Carassius auratus*) and responses to stimulations of *Aeromonas hydrophila* and TLR ligands. 0
- 35 Tempol differential effect on prostate cancer inflammation: In vitro and in vivo evaluation. 0
- 34 Inhibitory effects of fluoxetine on the secretion of inflammatory mediators and JAK/STAT3 and JNK/TLR4 gene expression. 0
- 33 Genetic Variants and Protective Immunity against SARS-CoV-2. **2022**, 13, 2355 0
- 32 Review: Myelin clearance is critical for regeneration after peripheral nerve injury. 13, 0
- 31 Towards the development of subunit vaccines against tuberculosis: The key role of adjuvant. **2023**, 102307 1
- 30 Toll-like Receptor 4 in Acute Kidney Injury. **2023**, 24, 1415 0
- 29 The Local Activation of Toll-like Receptor 7 (TLR7) Modulates Colonic Epithelial Barrier Function in Rats. **2023**, 24, 1254 0
- 28 Effects of *Bacillus subtilis* Natto Strains on Antiviral Responses in Resiquimod-Stimulated Human M1-Phenotype Macrophages. **2023**, 12, 313 0
- 27 Silibinin chronic treatment in a rat model of Parkinson disease: A comprehensive in-vivo evaluation and in silico molecular modeling. **2023**, 175517 1
- 26 Transcriptome analysis of *Macrobrachium rosenbergii* hemocytes reveals in-depth insights into the immune response to *Vibrio parahaemolyticus* infection. **2023**, 108533 0
- 25 Assembly and Architecture of NLR Resistosomes and Inflammasomes. **2023**, 52, 0
- 24 The Spike protein of SARS-CoV-2 signals via Tlr2 in zebrafish. **2023**, 140, 104626 0
- 23 A soluble TLR5 is involved in PBLs activation and antibacterial immunity via TLR5M-MyD88-signaling pathway in tongue sole *Cynoglossus semilaevis*. **2023**, 230, 123208 0
- 22 Toll-like receptor-2 in cardiomyocytes and macrophages mediates isoproterenol-induced cardiac inflammation and remodeling. **2023**, 37, 0
- 21 *Moringa oleifera* and *Azadirachta indica* Leaves Enriched Diets Mitigate Chronic Oxyfluorfen Toxicity Induced Immunosuppression through Disruption of Pro/Anti-Inflammatory Gene Pathways, Alteration of Antioxidant Gene Expression, and Histopathological Alteration in *Oreochromis niloticus*. **2023**, 8, 15 0

- 20 Investigating Genetic Characteristics of Chinese Holstein Cow's Milk Somatic Cell Score by Genetic Parameter Estimation and Genome-Wide Association. **2023**, 13, 267 ○
- 19 Triterpenoid CDDO-EA inhibits lipopolysaccharide-induced inflammatory responses in skeletal muscle cells through suppression of NF- $\kappa$ B. 153537022211391 ○
- 18 Toll-Like Receptors and the Response to Radiotherapy in Solid Tumors: Challenges and Opportunities. **2023**, 11, 818 ○
- 17 Divergent evolution drives high diversity of toll-like receptors (TLRs) in passerine birds: Buntings and finches. **2023**, 144, 104704 ○
- 16 An updated review on cell signaling pathways regulated by candidate miRNAs in coronary artery disease. **2023**, 8, 326-334 ○
- 15 Toll-like Receptor 3 c.1377C/T and -7C/A Polymorphisms Associated with COVID-19 and COVID-19 Severity. **2023**, 44, 46-52 ○
- 14 Silent Flagellin drives immunotolerance to commensal bacteria. **2023**, 44, 150-152 ○
- 13 Signaling events induced by lipopolysaccharide-activated Toll in response to bacterial infection in shrimp. 14, ○
- 12 Effectiveness of targeting the NLRP3 inflammasome by using natural polyphenols: A systematic review of implications on health effects. **2023**, 165, 112567 ○
- 11 The Role of Dietary Fats in the Development and Treatment of Endometriosis. **2023**, 13, 654 ○
- 10 Acute organ injury and long-term sequelae of severe pneumococcal infections. **2023**, 15, ○
- 9 Transcriptome responses of intestinal epithelial cells induced by membrane vesicles of *Listeria*. **2023**, 4, 100185 ○
- 8 TIRAP, TRAM, and Toll-Like Receptors: The Untold Story. **2023**, 2023, 1-13 ○
- 7 The role of *Drosophila melanogaster* in neurotoxicology studies: Responses to different harmful substances. **2023**, ○
- 6 The role of NOD-like receptors in innate immunity. 14, ○
- 5 A potential inflammatory role of Toll-like receptor-2 in psoriatic arthritis. **2023**, 84-88 ○
- 4 Correlation of polymorphism in Toll-Like Receptor (TLR1 and TLR2) genes with susceptibility of pulmonary tuberculosis in Doda region of India. **2023**, ○
- 3 Sulfated Cyclocarya paliurus polysaccharides exert immunomodulatory potential on macrophages via Toll-like receptor 4 mediated MAPK/NF- $\kappa$ B signaling pathways. **2023**, 1-14 ○

- 2 Umbilical cord DNA methylation is associated with body mass index trajectories from birth to adolescence. **2023**, 91, 104550 ○
- 1 Cardiac performance and heart gene network provide dynamic responses of bay scallop *Argopecten irradians irradians* exposure to marine heatwaves. **2023**, 163594 ○