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**Toll-like receptors: critical proteins linking innate and acquired immunity**

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2077	Convergence of the NF-kappaB and interferon signaling pathways in the regulation of antiviral defense and apoptosis. <b>2003</b> , 1010, 237-48	87
2076	Toll pathway-dependent blockade of CD4+CD25+ T cell-mediated suppression by dendritic cells. <b>2003</b> , 299, 1033-6	1763
2075	The role of acquired immunity and periodontal disease progression. <b>2003</b> , 14, 237-52	106
2074	Acute respiratory distress syndrome in the septic surgical patient. <b>2003</b> , 27, 1275-84	18
2073	Allergien: Genetisch determiniertes Schicksal oder durch Umwelteinflüsse bestimmte Krankheit?. <b>2003</b> , 151, S17-S20	
2072	Forging the endothelium during inflammation: pushing at a half-open door?. <b>2003</b> , 314, 93-105	36
2071	Negative regulation of cytokine signaling by CIS/SOCS family proteins and their roles in inflammatory diseases. <b>2003</b> , 149, 72-86	30
2070	Pattern recognition molecules and innate immunity to parasites. <b>2003</b> , 19, 312-9	70
2069	Toll-like receptor 4 plays no role in susceptibility of mice to Mycobacterium tuberculosis infection. <b>2003</b> , 83, 367-71	46
2068	Vaccine adjuvants: role and mechanisms of action in vaccine immunogenicity. <b>2003</b> , 8, 934-43	203
2067	Molecular mechanisms of macrophage activation and deactivation by lipopolysaccharide: roles of the receptor complex. <b>2003</b> , 100, 171-94	405
2066	Interferon-alpha/beta receptor-mediated selective induction of a gene cluster by CpG oligodeoxynucleotide 2006. <b>2003</b> , 4, 8	49
2065	Enhancement of gene transfer with recombinant adeno-associated virus (rAAV) vectors into primary B-cell chronic lymphocytic leukemia cells by CpG-oligodeoxynucleotides. <b>2003</b> , 31, 1223-9	15
2064	SHIP, SHIP2, and PTEN activities are regulated in vivo by modulation of their protein levels: SHIP is up-regulated in macrophages and mast cells by lipopolysaccharide. <b>2003</b> , 31, 1170-81	83
2063	Antigen presentation in vaccine development. <b>2003</b> , 26, 309-28	22
2062	Immunostimulatory oligonucleotide, CpG-like motif exists in Lactobacillus delbrueckii ssp. bulgaricus NIAI B6. <b>2003</b> , 85, 11-21	48
2061	Expression of recombinant proteins in a lipid A mutant of Escherichia coli BL21 with a strongly reduced capacity to induce dendritic cell activation and maturation. <b>2003</b> , 272, 199-210	36

2060	Pathophysiology of acute graft-versus-host disease. <b>2003</b> , 21, 149-61	125
2059	Cytoplasmic bacterial lipopolysaccharide does not induce NFkappaB activation or NFkappaB mediated activation signals in human macrophages and an LPS reporter cell line. <b>2003</b> , 194, 20-9	3
2058	A role for innate immunity in type 1 diabetes?. <b>2003</b> , 19, 89-100	50
2057	Inhibition of T helper 2-type responses, IgE production and eosinophilia by synthetic lipopeptides. <b>2003</b> , 33, 2717-26	95
2056	Toll-like receptor-mediated tyrosine phosphorylation of paxillin via MyD88-dependent and -independent pathways. <b>2003</b> , 33, 740-7	54
2055	Murine thymic plasmacytoid dendritic cells. <b>2003</b> , 33, 1012-9	63
2054	Rational design of new CpG oligonucleotides that combine B cell activation with high IFN-alpha induction in plasmacytoid dendritic cells. <b>2003</b> , 33, 1633-41	257
2053	Cooperation between toll-like receptor 2 and 4 in the brain of mice challenged with cell wall components derived from gram-negative and gram-positive bacteria. <b>2003</b> , 33, 1127-38	133
2052	Toll-like receptor 2 (TLR2) and TLR4 differentially activate human mast cells. <b>2003</b> , 33, 899-906	242
2051	Cholera toxin activates dendritic cells through dependence on GM1-ganglioside which is mediated by NF-kappaB translocation. <b>2003</b> , 33, 3205-12	71
2050	The Toll-like receptor 7 (TLR7)-specific stimulus loxoribine uncovers a strong relationship within the TLR7, 8 and 9 subfamily. <b>2003</b> , 33, 2987-97	445
2049	Production of the soluble pattern recognition receptor PTX3 by myeloid, but not plasmacytoid, dendritic cells. <b>2003</b> , 33, 2886-93	151
2048	Bacterial peptidoglycans but not CpG oligodeoxynucleotides activate synovial fibroblasts by toll-like receptor signaling. <b>2003</b> , 48, 642-50	167
2047	Does activation of the innate immune system contribute to the development of rheumatoid arthritis?. <b>2003</b> , 48, 590-3	21
2046	Distinctions between c-Rel and other NF-kappaB proteins in immunity and disease. <b>2003</b> , 25, 767-80	70
2045	Toll-like receptor-4 is involved in eliciting an LPS-induced oxidative burst in neutrophils. <b>2003</b> , 85, 75-80	74
2044	Dendritic cells as a tool to combat infectious diseases. <b>2003</b> , 85, 153-7	20
2043	Viruses and Toll-like receptors. <b>2003</b> , 5, 961-8	50

2042	Human beta-defensins and toll-like receptors in the upper airway. <b>2003</b> , 58, 748-53	115
2041	Mutations in the gene for toll-like receptor 4 and multiple sclerosis. <b>2003</b> , 61, 85-8	38
2040	Contrasting responses of human gingival and periodontal ligament fibroblasts to bacterial cell-surface components through the CD14/Toll-like receptor system. <b>2003</b> , 18, 14-23	77
2039	Hyperacute lung rejection in the pig-to-human model. 2. Synergy between soluble and membrane complement inhibition. <b>2003</b> , 10, 120-31	23
2038	Pathogens target DC-SIGN to influence their fate DC-SIGN functions as a pathogen receptor with broad specificity. <b>2003</b> , 111, 698-714	96
2037	Dendritic cells as inducers of antimicrobial immunity in vivo. <b>2003</b> , 111, 715-24	26
2036	Calprotectin release from human neutrophils is induced by Porphyromonas gingivalis lipopolysaccharide via the CD-14-Toll-like receptor-nuclear factor kappaB pathway. <b>2003</b> , 38, 557-63	46
2035	Imiquimod: modes of action. <b>2003</b> , 149 Suppl 66, 5-8	95
2034	Cancer immunotherapy: the past, the present and the future. <b>2003</b> , 81, 106-13	148
2033	Basic aspects and pharmacology of probiotics: an overview of pharmacokinetics, mechanisms of action and side-effects. <b>2003</b> , 17, 725-40	107
2032	Regulation of innate and adaptive immunity by the female sex hormones oestradiol and progesterone. <b>2003</b> , 38, 13-22	309
2031	Mammalian Toll-like receptors. <b>2003</b> , 15, 5-11	471
2030	Pherokine-2 and -3. <b>2003</b> , 270, 3398-407	102
2029	The combination of plasmid interleukin-12 with a single DNA vaccine is more effective than Mycobacterium bovis (bacille Calmette-Guérin) in protecting against systemic Mycobacterium avium infection. <b>2003</b> , 109, 308-14	24
2028	Effects of functional Toll-like receptor-4 mutations on the immune response to human and experimental sepsis. <b>2003</b> , 109, 426-31	97
2027	virK, somA and rcsC are important for systemic Salmonella enterica serovar Typhimurium infection and cationic peptide resistance. <b>2003</b> , 48, 385-400	127
2026	Toll-like receptor 2 (TLR2) mediates astrocyte activation in response to the Gram-positive bacterium Staphylococcus aureus. <b>2004</b> , 88, 746-58	123
2025	Chemokines and chemokine receptors are involved in the resolution or progression of renal disease. <b>2003</b> , 63, 401-15	195

2024	Immunotherapy exploiting the versatility of dendritic cells. <b>2003</b> , 7, 312-7		3
2023	<i>Francisella tularensis</i> inhibits Toll-like receptor-mediated activation of intracellular signalling and secretion of TNF-alpha and IL-1 from murine macrophages. <b>2003</b> , 5, 41-51		181
2022	Toll receptors and pathogen resistance. <b>2003</b> , 5, 143-53		233
2021	Dendritic cells and host resistance to infection. <b>2003</b> , 5, 493-500		75
2020	Suppression of allergic reaction by lambda-carrageenan: toll-like receptor 4/MyD88-dependent and -independent modulation of immunity. <b>2003</b> , 33, 249-58		81
2019	Learning from discrepancies: CD14 polymorphisms, atopy and the endotoxin switch. <b>2003</b> , 33, 153-5		84
2018	New generation of mucosal adjuvants for the induction of protective immunity. <b>2003</b> , 13, 293-310		158
2017	New aspects of IFN-alpha/beta signalling in immunity, oncogenesis and bone metabolism. <b>2003</b> , 94, 405-11		65
2016	Normal development of the gut-associated lymphoid tissue except Peyer's patch in MyD88-deficient mice. <b>2003</b> , 58, 620-7		19
2015	Benzydamine inhibits monocyte migration and MAPK activation induced by chemotactic agonists. <b>2003</b> , 140, 377-83		14
2014	Immunity to adenovirus and adeno-associated viral vectors: implications for gene therapy. <b>2003</b> , 10, 955-63		234
2013	Toll signaling: the TIREless quest for specificity. <i>Nature Immunology</i> , <b>2003</b> , 4, 105-6	19.1	63
2012	Granzyme A: the road less traveled. <i>Nature Immunology</i> , <b>2003</b> , 4, 106-8	19.1	13
2011	Toll-like receptors in the spotlight. <i>Nature Immunology</i> , <b>2003</b> , 4, 299	19.1	10
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2009	TICAM-1, an adaptor molecule that participates in Toll-like receptor 3-mediated interferon-beta induction. <i>Nature Immunology</i> , <b>2003</b> , 4, 161-7	19.1	981
2008	The <i>Drosophila</i> immune system detects bacteria through specific peptidoglycan recognition. <i>Nature Immunology</i> , <b>2003</b> , 4, 478-84	19.1	430
2007	IL-6 induces an anti-inflammatory response in the absence of SOCS3 in macrophages. <i>Nature Immunology</i> , <b>2003</b> , 4, 551-6	19.1	630



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2005	NODs: intracellular proteins involved in inflammation and apoptosis. <b>2003</b> , 3, 371-82	824
2004	TREMs in the immune system and beyond. <b>2003</b> , 3, 445-53	489
2003	DC-SIGN: escape mechanism for pathogens. <b>2003</b> , 3, 697-709	733
2002	Dendritic-cell control of pathogen-driven T-cell polarization. <b>2003</b> , 3, 984-93	1071
2001	Molecular mechanisms of B cell antigen receptor trafficking. <b>2003</b> , 987, 26-37	33
2000	Recognition of pathogen-associated molecular patterns by TLR family. <b>2003</b> , 85, 85-95	890
1999	Immunobiology of acute graft-versus-host disease. <b>2003</b> , 17, 187-94	216
1998	Rapid up-regulation of IRAK-M expression following a second endotoxin challenge in human monocytes and in monocytes isolated from septic patients. <b>2003</b> , 311, 465-465	
1997	Interleukin-18 [IL-1F4]. <b>2003</b> , 709-733	
1996	The -159 C-->T polymorphism of CD14 is associated with nonatopic asthma and food allergy. <b>2003</b> , 112, 438-44	91
1995	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
1994	Tolerance of the fetus by the maternal immune system: role of inflammatory mediators at the fetomaternal interface. <b>2003</b> , 1, 121	61
1993	The interleukin 1 (IL-1) system in the uteroplacental complex of a cartilaginous fish, the smoothhound shark, <i>Mustelus canis</i> . <b>2003</b> , 1, 25	22
1992	Potential role of interleukin-1 at the peri-ovulation stage in a species of placental viviparous reptile, the three-toed skink, <i>Chalcides chalcides</i> (Squamata: Scincidae). <b>2003</b> , 1, 60	13
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1990	Immunology. Regulating the regulators. <b>2003</b> , 299, 1030-1	120
1989	Human intestinal epithelial cells are broadly unresponsive to Toll-like receptor 2-dependent bacterial ligands: implications for host-microbial interactions in the gut. <b>2003</b> , 170, 1406-15	383

1988	The dendritic cell: its role in intestinal inflammation and relationship with gut bacteria. <b>2003</b> , 52, 1522-9	170
1987	Phosphoinositide 3 kinase mediates Toll-like receptor 4-induced activation of NF-kappa B in endothelial cells. <b>2003</b> , 71, 4414-20	121
1986	The interferon in TLR signaling: more than just antiviral. <b>2003</b> , 24, 534-9	163
1985	Progress towards a vaccine for schistosomiasis. <b>2003</b> , 86, 309-13	53
1984	An angiogenic switch in macrophages involving synergy between Toll-like receptors 2, 4, 7, and 9 and adenosine A(2A) receptors. <b>2003</b> , 163, 711-21	227
1983	MyD88 primes macrophages for full-scale activation by interferon-gamma yet mediates few responses to Mycobacterium tuberculosis. <b>2003</b> , 198, 987-97	118
1982	Toll-like receptors. <b>2003</b> , 21, 335-76	4550
1981	Rapid up-regulation of IRAK-M expression following a second endotoxin challenge in human monocytes and in monocytes isolated from septic patients. <b>2003</b> , 311, 465-72	169
1980	Role of adaptor TRIF in the MyD88-independent toll-like receptor signaling pathway. <b>2003</b> , 301, 640-3	2452
1979	B cell chronic lymphocytic leukemia: lessons learned from studies of the B cell antigen receptor. <b>2003</b> , 21, 841-94	294
1978	Peripheral blood mononuclear cell expression of toll-like receptors and relation to cytokine levels in cirrhosis. <b>2003</b> , 37, 1154-64	121
1977	Characterization of a cascade of protein interactions initiated at the IL-1 receptor. <b>2003</b> , 303, 525-31	8
1976	Essential role of IRF-3 in lipopolysaccharide-induced interferon-beta gene expression and endotoxin shock. <b>2003</b> , 306, 860-6	212
1975	Differential regulation of Toll-like receptor mRNAs in experimental murine central nervous system infections. <b>2003</b> , 344, 17-20	56
1974	Innate immunity and pathogen-host interaction. <b>2003</b> , 21 Suppl 2, S12-23	73
1973	The role of Toll-like receptor 2 in microbial disease and immunity. <b>2003</b> , 21 Suppl 2, S55-60	113
1972	Regulation of dendritic cell function by microbial stimuli. <b>2003</b> , 51, 67-8	26
1971	TOLL-like receptors linking innate and adaptive immune response. <b>2003</b> , 91, 1-12	300

1970	Increased levels of LPS-binding protein in bovine blood and milk following bacterial lipopolysaccharide challenge. <b>2003</b> , 86, 3128-37	106
1969	Mycobacteria target DC-SIGN to suppress dendritic cell function. <b>2003</b> , 197, 7-17	885
1968	Toll-like receptors and their signaling mechanisms. <b>2003</b> , 35, 555-62	213
1967	Allograft injury mediated by reactive oxygen species: from conserved proteins of Drosophila to acute and chronic rejection of human transplants. Part III: interaction of (oxidative) stress-induced heat shock proteins with toll-like receptor-bearing cells of innate immunity and its consequences for the development of acute and chronic allograft rejection. <b>2003</b> , 17, 67-86	44
1966	Genetic variation and activity of mouse Nod2, a susceptibility gene for Crohn's disease. <b>2003</b> , 81, 369-77	42
1965	The biology of IL-12: coordinating innate and adaptive immune responses. <b>2003</b> , 14, 361-8	411
1964	Negative regulation of cytokine signaling and inflammatory diseases. <b>2003</b> , 3, 435-42	34
1963	Isoform-specific phosphoinositide 3-kinase inhibitors as therapeutic agents. <b>2003</b> , 3, 426-34	121
1962	Evolutionary clues to the functions of the Toll-like family as surveillance receptors. <b>2003</b> , 24, 19-24	89
1961	A fatal attraction: Mycobacterium tuberculosis and HIV-1 target DC-SIGN to escape immune surveillance. <b>2003</b> , 9, 153-9	72
1960	Methylation and demethylation in the regulation of genes, cells, and responses in the immune system. <b>2003</b> , 109, 37-45	101
1959	The immunogenic peptide for Th1 development. <b>2003</b> , 3, 783-800	19
1958	OM197-MP-AC induces the maturation of human dendritic cells and promotes a primary T cell response. <b>2003</b> , 3, 417-25	6
1957	Pharmacological analysis of signal transduction pathways required for oxidative burst in chicken heterophils stimulated by a Toll-like receptor 2 agonist. <b>2003</b> , 3, 1677-84	21
1956	The cellular paradigm of chlamydial pathogenesis. <b>2003</b> , 11, 44-51	260
1955	Mycobacterial infection in TLR2 and TLR6 knockout mice. <b>2003</b> , 47, 327-36	137
1954	Selective roles for Toll-like receptor (TLR)2 and TLR4 in the regulation of neutrophil activation and life span. <b>2003</b> , 170, 5268-75	264
1953	Nod1 detects a unique muropeptide from gram-negative bacterial peptidoglycan. <b>2003</b> , 300, 1584-7	1229

1952	Toll-like receptor signaling. <b>2003</b> , 278, 38105-8	549
1951	Interleukin-18. <b>2003</b> , 73, 213-24	529
1950	Role of TLR4/MD-2 and RP105/MD-1 in innate recognition of lipopolysaccharide. <b>2003</b> , 35, 568-72	60
1949	Cutting edge: a Toll-like receptor 2 polymorphism that is associated with lepromatous leprosy is unable to mediate mycobacterial signaling. <b>2003</b> , 170, 3451-4	215
1948	Immune traffic: a functional overview. <b>2003</b> , 1, 219-34	33
1947	A review of the influence of aqueous humor on immunity. <b>2003</b> , 11, 231-41	31
1946	Pathogen-associated molecular patterns sensitize macrophages to Fas ligand-induced apoptosis and IL-1 beta release. <b>2003</b> , 171, 1868-74	44
1945	Separate functional domains of human MD-2 mediate Toll-like receptor 4-binding and lipopolysaccharide responsiveness. <b>2003</b> , 171, 5272-6	98
1944	Mycobacterial lipoarabinomannan mediates physical interactions between TLR1 and TLR2 to induce signaling. <b>2003</b> , 9, 264-268	52
1943	A subset of Toll-like receptor ligands induces cross-presentation by bone marrow-derived dendritic cells. <b>2003</b> , 170, 4102-10	253
1942	Type I interferon induction pathway, but not released interferon, participates in the maturation of dendritic cells induced by negative-strand RNA viruses. <b>2003</b> , 187, 1126-36	95
1941	The therapeutic use of probiotics in gastrointestinal inflammation. <b>2003</b> , 169-184	
1940	Infection by <i>Streptococcus pyogenes</i> induces the receptor activator of NF-kappaB ligand expression in mouse osteoblastic cells. <b>2003</b> , 71, 948-55	24
1939	Effects of endotoxin and macrophage-related cytokines on the contractile activity of the gravid murine uterus. <b>2003</b> , 69, 1165-9	16
1938	Toll-like receptor 3 mediates a more potent antiviral response than Toll-like receptor 4. <b>2003</b> , 170, 3565-71	148
1937	Role of Toll-like receptor signaling in the apoptotic response of macrophages to <i>Yersinia</i> infection. <b>2003</b> , 71, 1513-9	77
1936	Innate immunity in breast carcinoma. <b>2003</b> , 10, 301-8	7
1935	Dendritic cells are responsible for the capacity of CpG oligodeoxynucleotides to act as an adjuvant for protective vaccine immunity against <i>Leishmania major</i> in mice. <b>2003</b> , 198, 281-91	63

1934	Toll/IL-1 receptor domain-containing adaptor inducing IFN-beta (TRIF) associates with TNF receptor-associated factor 6 and TANK-binding kinase 1, and activates two distinct transcription factors, NF-kappa B and IFN-regulatory factor-3, in the Toll-like receptor signaling. <b>2003</b> , 171, 4304-10	565
1933	The antifungal drug amphotericin B promotes inflammatory cytokine release by a Toll-like receptor- and CD14-dependent mechanism. <b>2003</b> , 278, 37561-8	164
1932	Apoptotic cells and innate immune stimuli combine to regulate macrophage cytokine secretion. <b>2003</b> , 171, 2610-5	181
1931	Ehrlichia chaffeensis and Anaplasma phagocytophilum lack genes for lipid A biosynthesis and incorporate cholesterol for their survival. <b>2003</b> , 71, 5324-31	209
1930	Lipopolysaccharide-induced suppression of airway Th2 responses does not require IL-12 production by dendritic cells. <b>2003</b> , 171, 3645-54	88
1929	Identification of TIFA as an adapter protein that links tumor necrosis factor receptor-associated factor 6 (TRAF6) to interleukin-1 (IL-1) receptor-associated kinase-1 (IRAK-1) in IL-1 receptor signaling. <b>2003</b> , 278, 12144-50	68
1928	Herpes simplex virus type 1 DNA is immunostimulatory in vitro and in vivo. <b>2003</b> , 77, 11158-69	63
1927	IKK beta is required for peripheral B cell survival and proliferation. <b>2003</b> , 170, 4630-7	149
1926	Nitric oxide contributes to induction of innate immune responses to gram-negative bacteria in Drosophila. <b>2003</b> , 17, 115-25	196
1925	IL-12 receptor beta 1 and Toll-like receptor 4 increase IL-1 beta- and IL-18-associated myocarditis and coxsackievirus replication. <b>2003</b> , 170, 4731-7	190
1924	Regulation of chemokine mRNA stability by lipopolysaccharide and IL-10. <b>2003</b> , 170, 6202-8	55
1923	The poxvirus protein A52R targets Toll-like receptor signaling complexes to suppress host defense. <b>2003</b> , 197, 343-51	307
1922	High levels of susceptibility and T helper 2 response in MyD88-deficient mice infected with Leishmania major are interleukin-4 dependent. <b>2003</b> , 71, 7215-8	55
1921	Identification of the minimal phosphoacceptor site required for in vivo activation of interferon regulatory factor 3 in response to virus and double-stranded RNA. <b>2003</b> , 278, 9441-7	187
1920	Flexibility of mouse classical and plasmacytoid-derived dendritic cells in directing T helper type 1 and 2 cell development: dependency on antigen dose and differential toll-like receptor ligation. <b>2003</b> , 197, 101-9	476
1919	Triggering the interferon antiviral response through an IKK-related pathway. <b>2003</b> , 300, 1148-51	1312
1918	Nonstructural proteins NS1 and NS2 of bovine respiratory syncytial virus block activation of interferon regulatory factor 3. <b>2003</b> , 77, 8661-8	139
1917	Toll-like receptor 4-defective C3H/HeJ mice are not more susceptible than other C3H substrains to infection with Mycobacterium tuberculosis. <b>2003</b> , 71, 4112-8	64

1916	Toll-like receptor-mediated activation of mast cells: implications for allergic disease?. <b>2003</b> , 132, 87-97	60
1915	Variants of toll-like receptor 4 modify the efficacy of statin therapy and the risk of cardiovascular events. <b>2003</b> , 107, 2416-21	198
1914	High frequency of T9 and CFTR mutations in children with idiopathic bronchiectasis. <b>2003</b> , 40, 530-5	6
1913	Identification of a novel CpG DNA class and motif that optimally stimulate B cell and plasmacytoid dendritic cell functions. <b>2003</b> , 73, 781-92	211
1912	Interleukin-12 p40 secretion by cutaneous CD11c+ and F4/80+ cells is a major feature of the innate immune response in mice that develop Th1-mediated protective immunity to <i>Schistosoma mansoni</i> . <b>2003</b> , 71, 3563-71	59
1911	Selective contribution of IFN-alpha/beta signaling to the maturation of dendritic cells induced by double-stranded RNA or viral infection. <b>2003</b> , 100, 10872-7	310
1910	Reciprocal modulation of Toll-like receptor-4 signaling pathways involving MyD88 and phosphatidylinositol 3-kinase/AKT by saturated and polyunsaturated fatty acids. <b>2003</b> , 278, 37041-51	391
1909	Bacterial CpG-DNA aggravates immune complex glomerulonephritis: role of TLR9-mediated expression of chemokines and chemokine receptors. <b>2003</b> , 14, 317-26	92
1908	Differential induction of interleukin-10 and interleukin-12 in dendritic cells by microbial toll-like receptor activators and skewing of T-cell cytokine profiles. <b>2003</b> , 71, 3337-42	108
1907	CpG DNA induces self and cross-hyporesponsiveness of RAW264.7 cells in response to CpG DNA and lipopolysaccharide: alterations in IL-1 receptor-associated kinase expression. <b>2003</b> , 170, 1052-61	104
1906	Suppressive DNA vaccination in myelin oligodendrocyte glycoprotein peptide-induced experimental autoimmune encephalomyelitis involves a T1-biased immune response. <b>2003</b> , 170, 1806-13	40
1905	IL-6 production by pulmonary dendritic cells impedes Th1 immune responses. <b>2003</b> , 170, 4457-64	150
1904	Evidence for naturally acquired T cell-mediated mucosal immunity to <i>Neisseria meningitidis</i> . <b>2003</b> , 171, 4263-70	41
1903	A dominant role of Toll-like receptor 4 in the signaling of apoptosis in bacteria-faced macrophages. <b>2003</b> , 171, 4294-303	115
1902	Dendritic cells and measles virus infection. <b>2003</b> , 276, 77-101	52
1901	Atrial natriuretic peptide polarizes human dendritic cells toward a Th2-promoting phenotype through its receptor guanylyl cyclase-coupled receptor A. <b>2003</b> , 170, 5869-75	42
1900	Dramatic increase of telomerase activity during dendritic cell differentiation and maturation. <b>2003</b> , 74, 270-6	16
1899	Common interaction surfaces of the toll-like receptor 4 cytoplasmic domain stimulate multiple nuclear targets. <b>2003</b> , 23, 2543-55	50

1898	Unique gene expression profiles of human macrophages and dendritic cells to phylogenetically distinct parasites. <b>2003</b> , 102, 672-81	261
1897	Subcellular localization of Toll-like receptor 3 in human dendritic cells. <b>2003</b> , 171, 3154-62	583
1896	Distinct osteoclast precursors in the bone marrow and extramedullary organs characterized by responsiveness to Toll-like receptor ligands and TNF-alpha. <b>2003</b> , 171, 5130-9	50
1895	A major role for non-major histocompatibility complex genes but not for microorganisms in a novel murine model of Graves' hyperthyroidism. <b>2003</b> , 13, 233-8	29
1894	Collaborative induction of inflammatory responses by dectin-1 and Toll-like receptor 2. <b>2003</b> , 197, 1107-17	1285
1893	Induction of in vitro reprogramming by Toll-like receptor (TLR)2 and TLR4 agonists in murine macrophages: effects of TLR "homotolerance" versus "heterotolerance" on NF-kappa B signaling pathway components. <b>2003</b> , 170, 508-19	270
1892	Mice lacking myeloid differentiation factor 88 display profound defects in host resistance and immune responses to Mycobacterium avium infection not exhibited by Toll-like receptor 2 (TLR2)- and TLR4-deficient animals. <b>2003</b> , 171, 4758-64	170
1891	Regulatory T cells selectively express toll-like receptors and are activated by lipopolysaccharide. <b>2003</b> , 197, 403-11	831
1890	Heat-killed Brucella abortus induces TNF and IL-12p40 by distinct MyD88-dependent pathways: TNF, unlike IL-12p40 secretion, is Toll-like receptor 2 dependent. <b>2003</b> , 171, 1441-6	55
1889	The role of disulfide bonds in the assembly and function of MD-2. <b>2003</b> , 100, 3919-24	64
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