

# Toll-like receptors and their role in experimental mode.

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Citation Report

#	ARTICLE	IF	CITATIONS
2	Toll-Like Receptor-Mediated Activation of Mast Cells: Implications for Allergic Disease?. International Archives of Allergy and Immunology, 2003, 132, 87-97.	2.1	73
3	Intracellular Signaling and Cytokine Induction upon Interactions of <i>Porphyromonas gingivalis</i> Fimbriae with Pattern Recognition Receptors. Immunological Investigations, 2004, 33, 157-172.	2.0	86
4	TLR-Independent Induction of Dendritic Cell Maturation and Adaptive Immunity by Negative-Strand RNA Viruses. Journal of Immunology, 2004, 173, 6882-6889.	0.8	131
5	Toll-Like Receptor 4-Dependent Early Elicited Tumor Necrosis Factor Alpha Expression Is Critical for Innate Host Defense against <i>Bordetella bronchiseptica</i> . Infection and Immunity, 2004, 72, 6650-6658.	2.2	46
6	Toll-Like Receptor 2 Suppresses Immunity against <i>Candida albicans</i> through Induction of IL-10 and Regulatory T Cells. Journal of Immunology, 2004, 172, 3712-3718.	0.8	565
7	Lipopolysaccharide and Double-stranded RNA Up-regulate Toll-like Receptor 2 Independently of Myeloid Differentiation Factor 88. Journal of Biological Chemistry, 2004, 279, 39727-39735.	3.4	52
8	Association between Common Toll-Like Receptor 4 Mutations and Severe Respiratory Syncytial Virus Disease. Journal of Infectious Diseases, 2004, 189, 2057-2063.	4.0	307
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18	Toll-like receptor 2 (TLR2) is pivotal for recognition of <i>S. aureus</i> peptidoglycan but not intact bacteria by microglia. Glia, 2005, 49, 567-576.	4.9	120
19	Invertebrates as animal models for <i>Staphylococcus aureus</i> pathogenesis: a window into host-pathogen interaction. FEMS Immunology and Medical Microbiology, 2005, 43, 311-323.	2.7	63
20	Role of TLR4 Receptor Polymorphisms in Boutonneuse Fever. International Journal of Immunopathology and Pharmacology, 2005, 18, 655-660.	2.1	27

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21	Heritable defects of the human TLR signalling pathways. <i>Journal of Endotoxin Research</i> , 2005, 11, 220-224.	2.5	27
22	Comparative Toll-Like Receptor 4-Mediated Innate Host Defense to <i>Bordetella</i> Infection. <i>Infection and Immunity</i> , 2005, 73, 8144-8152.	2.2	63
23	A designed TLR4/MD-2 complex to capture LPS. <i>Journal of Endotoxin Research</i> , 2005, 11, 197-206.	2.5	23
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25	Worms and Flies as Genetically Tractable Animal Models To Study Host-Pathogen Interactions. <i>Infection and Immunity</i> , 2005, 73, 3833-3841.	2.2	110
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43	Induction of chemokine and cytokine genes in astrocytes following infection with Theiler's murine encephalomyelitis virus is mediated by the Toll-like receptor 3. <i>Glia</i> , 2006, 53, 858-867.	4.9	86
44	Peptide p277 of HSP60 signals T cells: inhibition of inflammatory chemotaxis. <i>International Immunology</i> , 2006, 18, 1413-1419.	4.0	39
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80	Extracellular matrix turnover, angiogenesis and endothelial function in acute lung injury: relationship to pulmonary dysfunction and outcome. Critical Care, 2012, 16, .	5.8	1
81	Thalidomide modulates macrophage-mediated inflammatory innate immune response during Klebsiella pneumoniae B5055 infection in BALB/c mice. Critical Care, 2012, 16, .	5.8	0
82	Immunoglobulin therapy of abdominal sepsis in emergency surgery. Critical Care, 2012, 16, .	5.8	0
83	Procalcitonin level as a marker of severe sepsis and septic shock patients who required polymyxin-B immobilized fiber with direct hemoperfusion. Critical Care, 2012, 16, .	5.8	1
84	Diagnostic accuracy of procalcitonin in proven and clinically suspected systemic infection. Critical Care, 2012, 16, .	5.8	1
85	Evaluation of a soluble CD14 subtype in patients with surgical sepsis. Critical Care, 2012, 16, .	5.8	0
86	Advance directives and end-of-life decision-making in the ICU: results from an observational study. Critical Care, 2012, 16, .	5.8	0
87	Protective effects of FCGR2A polymorphism in invasive pneumococcal diseases. Critical Care, 2012, 16, .	5.8	0
88	Examination of blood filtration membrane removal ability of HMGB1. Critical Care, 2012, 16, .	5.8	1
89	Decreased expression of HLA-DR antigen-associated invariant chain mRNA predicts mortality after septic shock. Critical Care, 2012, 16, .	5.8	0
90	Kaiser Permanente Northern California sepsis mortality reduction initiative. Critical Care, 2012, 16, .	5.8	5
91	Dynamics of lymphocyte subpopulations during Legionnaires' disease. Critical Care, 2012, 16, .	5.8	1
92	Receptor for advanced glycation endproducts controls deleterious lung inflammation in severe Pseudomonas aeruginosa pneumonia in immunosuppressed mice. Critical Care, 2012, 16, .	5.8	0
93	Low-tidal volume ventilation as compared with conventional tidal volume ventilation in patients of sepsis: a randomized controlled trial. Critical Care, 2012, 16, .	5.8	0
94	Impact of daily auditing and weekly feedback on process of care and patient outcome in resuscitation of severe sepsis and septic shock. Critical Care, 2012, 16, .	5.8	0
95	Candida score: a predictor of mortality in patients with candidemia. Critical Care, 2012, 16, .	5.8	0
96	Incidence and prognostic implications of acute kidney injury based on the RIFLE criteria at the time of admission to an Indian ICU. Critical Care, 2012, 16, .	5.8	0

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97	Candiduria in ICUs: incidence, course and outcome. Critical Care, 2012, 16, .	5.8	1
98	Erythropoietin enhances the effects of transplanted mesenchymal stem cells in an experimental model of endotoxemia. Critical Care, 2012, 16, .	5.8	0
101	Development and validation of a bedside prediction score for nosocomial sepsis in the pediatric ICU: a prospective observational cohort study. Critical Care, 2012, 16, .	5.8	0
102	Effects of statins on mitochondrial respiration and outcome during experimental sepsis. Critical Care, 2012, 16, .	5.8	0
104	Effect of phenolic acids originating from microbes on mitochondria and neutrophils. Critical Care, 2012, 16, .	5.8	3
105	Immunological modulation of estrogen during sepsis. Critical Care, 2012, 16, .	5.8	0
106	Use of Centre for Disease Control criteria to classify infections in critically ill patients: results from an interobserver agreement study. Critical Care, 2012, 16, .	5.8	1
107	Patients with sepsis exhibit mitochondrial biogenesis in peripheral blood immune cells. Critical Care, 2012, 16, .	5.8	0
108	AMP-activated protein kinase preserves endothelial tight junctions in the coronary microcirculation during sepsis. Critical Care, 2012, 16, .	5.8	2
109	Weibel-Palade body exocytosis as a therapeutic target to improve hemodynamics in Gram-positive sepsis. Critical Care, 2012, 16, .	5.8	0
110	Effectiveness of nebulized amphotericin B to eradicate Candida colonization from the lower respiratory tracts of ICU patients. Critical Care, 2012, 16, .	5.8	0
111	Clinical and diagnostic significance of apoptosis in the development of neutropenia and bacterial complications in newborns with respiratory distress syndrome. Critical Care, 2012, 16, .	5.8	0
112	Haemodynamic and renal effects of clonidine in an ovine model of severe sepsis and septic acute kidney injury. Critical Care, 2012, 16, .	5.8	0
113	Regional perfusion and oxygenation of the kidney in an ovine model of severe sepsis with hypotension and kidney injury. Critical Care, 2012, 16, .	5.8	0
115	Simplified selective decontamination of the digestive tract reduces Gram-negative bloodstream infection and respiratory tract colonization in intensive care. Critical Care, 2012, 16, .	5.8	0
116	Decreased incidence of SIRS and sepsis by acupuncture in severe multiple traumatic patients via facilitation of vagal activity. Critical Care, 2012, 16, .	5.8	3
117	A study of Candida biofilms in intensive care patients. Critical Care, 2012, 16, .	5.8	0
118	A limited set of molecular biomarkers may provide superior diagnostic outcomes to procalcitonin in sepsis. Critical Care, 2012, 16, .	5.8	1

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119	Monocytic and neutrophilic CD11b and CD64 in severe sepsis. Critical Care, 2012, 16, .	5.8	2
120	Clinical evaluation of the Magicplex Sepsis Real-time Test (Seegene) to detect Candida DNA in pediatric patients. Critical Care, 2012, 16, .	5.8	7
121	Procalcitonin, IL-10 and sCD25 as diagnostic and prognostic markers in critically ill patients. Critical Care, 2012, 16, .	5.8	0
122	Ninjurin 1 contributes to TLR-induced inflammation in endothelial cells. Critical Care, 2012, 16, .	5.8	1
123	Effect of Calotropis procera latex extracts on the hypothalamic TNF $\alpha$ and PGE2 levels in the rat model of yeast-induced pyrexia. Critical Care, 2012, 16, .	5.8	0
124	Regulation of sepsis-induced IFN $\gamma$ upon natural killer cell or natural killer T cell depletion in vivo. Critical Care, 2012, 16, .	5.8	0
125	Pattern recognition receptors as key players in adrenal gland dysfunction during sepsis. Critical Care, 2012, 16, .	5.8	0
126	Effects of a TREM-like transcript-1 derived peptide during septic shock in pigs. Critical Care, 2012, 16, .	5.8	0
127	Role of TREM-1 in endothelial dysfunction during experimental sepsis. Critical Care, 2012, 16, .	5.8	1
128	LPS-induced Pellino3 degradation is mediated by p62-dependent autophagy. Critical Care, 2012, 16, .	5.8	1
129	Attenuated NOX2 expression impairs ROS production during the hypoinflammatory phase of sepsis. Critical Care, 2012, 16, .	5.8	0
130	Kinetic characterization of selective peroxisome-proliferator-activated receptor gamma modulators in vitro. Critical Care, 2012, 16, .	5.8	0
131	IL-6 and IFN $\gamma$ play a role in fatal cases of 5N1 influenza in children. Critical Care, 2012, 16, .	5.8	0
133	Involvement of thrombopoietin in the development of organ injury in a mouse model of cecal ligation and puncture-induced sepsis. Critical Care, 2012, 16, .	5.8	0
134	Cholecystokinin protects rats against Staphylococcus aureus-induced sepsis. Critical Care, 2012, 16, .	5.8	0
135	Polymyxin B-direct hemoperfusion therapy contributes to oxygen delivery in septic patients. Critical Care, 2012, 16, .	5.8	1
136	Sepsis in neonates: experience in a tertiary-care hospital. Critical Care, 2012, 16, .	5.8	1
137	Is urinary kidney injury molecule-1 a good marker for acute kidney injury in septic shock?. Critical Care, 2012, 16, .	5.8	0



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138	Necrotizing fasciitis: modern clinical view. Critical Care, 2012, 16, .	5.8	2
139	Erysipelas: complement system and SIRS. Critical Care, 2012, 16, .	5.8	0
140	Pancreatic stone protein: a new predictor of outcome in patients with peritonitis. Critical Care, 2012, 16, .	5.8	0
141	Audit on patient outcome based on APACHE II scoring in the respiratory ICU of a south Indian university teaching hospital. Critical Care, 2012, 16, .	5.8	0
142	Internal jugular vein catheterization: a comparative study of apical and paracarotid approaches. Critical Care, 2012, 16, .	5.8	0
143	Citrate anticoagulation protocol to treat septic shock patients with liver dysfunction in CPFA extracorporeal therapy. Critical Care, 2012, 16, .	5.8	0
144	Manipulation of nitric oxide levels with a modified hydroxyethyl starch molecule. Critical Care, 2012, 16, .	5.8	0
145	Molecular diagnosis of severe bacterial sepsis in children. Critical Care, 2012, 16, .	5.8	0
146	Insulin exerts anti-inflammatory effects through reduction of IKK/ $\text{I}\kappa\text{B}$ /NF- $\kappa\text{B}$ pathway activation in septic rats. Critical Care, 2012, 16, .	5.8	0
147	Severe sepsis with multiple organ dysfunctions caused by Pseudomonas aeruginosa in an immunocompetent child. Critical Care, 2012, 16, .	5.8	3
148	Effects of sesamol against acute kidney injury in cecal-ligation-and-puncture-treated rats. Critical Care, 2012, 16, .	5.8	1
149	Noradrenergic neurons regulate the egress and trafficking of splenic monocytes and influence mortality during Gram-negative infection in mice. Critical Care, 2012, 16, .	5.8	0
150	Mannose-binding lectin deficiency and NOD2 mutations do not predispose to Staphylococcus aureus bloodstream infections but may influence outcome. Critical Care, 2012, 16, .	5.8	0
151	Homogeneity versus diversity: inhibition of plasma PAI-1 in murine sepsis proved lethal in homogeneous cohorts but not in all-inclusive populations. Critical Care, 2012, 16, .	5.8	0
152	Effect of heparin during extracorporeal detoxification in the severity of thrombocytopenia in patients with severe sepsis. Critical Care, 2012, 16, .	5.8	0
153	Estimation of efficacy early selective LPS sorption in patients with septic shock. Critical Care, 2012, 16, .	5.8	2
154	Audit of the ward-based management of severe sepsis in a large teaching hospital. Critical Care, 2012, 16, .	5.8	1
155	Neutrophil CD64 as a diagnostic marker of sepsis in neonates: impact on clinical care. Critical Care, 2012, 16, .	5.8	0

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156	Pancreatic stone protein as a novel marker for neonatal sepsis. Critical Care, 2012, 16, .	5.8	1
157	A standardized protocol for the multiplex PCR technique Septifast® Roche for neonatal samples with suspected sepsis. Critical Care, 2012, 16, .	5.8	0
158	Toll-like receptor 4 in phagocytosis of Escherichia coli by endotoxin-activated human neutrophils in whole blood. Critical Care, 2012, 16, .	5.8	5
159	CD24-mediated neutrophil death in inflammation: ex vivo study suggesting a potential role in sepsis. Critical Care, 2012, 16, .	5.8	2
160	Resistant Escherichia coli strains circulating in a tertiary-care hospital in New Delhi, India. Critical Care, 2012, 16, .	5.8	0
161	5-Lipoxygenase contributes to PPAR $\gamma$ activation in macrophages in response to apoptotic cells. Critical Care, 2012, 16, .	5.8	0
162	Natural killer cell status and tolerance in mouse and human bacterial sepsis. Critical Care, 2012, 16, .	5.8	0
163	Raman spectroscopic investigation of the interaction of Enterococcus faecalis and vancomycin: towards a culture-independent antibiotic susceptibility test. Critical Care, 2012, 16, .	5.8	2
164	Transthoracic echocardiographic assessment of IVC diameter variability to determine fluid responsiveness in children with septic shock: a pilot study. Critical Care, 2012, 16, .	5.8	0
165	Do we still accept central venous pressure measurements to assess preload responsiveness in children with septic shock? A single-center experience. Critical Care, 2012, 16, .	5.8	0
166	Emergence of carbapenem resistance in Gram-negative nosocomial bloodstream infections among critically ill children? A single-center experience. Critical Care, 2012, 16, .	5.8	0
167	Development of a point-of-care-testing system for procalcitonin. Critical Care, 2012, 16, .	5.8	0
168	Management of sepsis in Indian ICUs: Indian data from the MOSAICS study. Critical Care, 2012, 16, .	5.8	0
169	Impact of interventions to reduce device-related infections in Indian cancer centre ICUs. Critical Care, 2012, 16, .	5.8	0
170	Early fluid therapy with splanchnic sympathetic blockage prevented microcirculation damage, gut bacterial overgrowth, bacterial translocation and mortality in sepsis. Critical Care, 2012, 16, .	5.8	0
171	Abdominal organs' microcirculation dysfunction sequence in severe sepsis by SDF microscopy and histology. Critical Care, 2012, 16, .	5.8	0
172	Role of the clarithromycin immune modulator activity on abdominal microhemodynamics and mortality in severe sepsis. Critical Care, 2012, 16, .	5.8	1
173	Preliminary results for the use of proteinase K to achieve release of LPS from the Altec LPS Adsorber® after perfusion with LPS containing blood. Critical Care, 2012, 16, .	5.8	0

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174	PSP/reg and NT-proCNP to predict the occurrence of ICU-acquired sepsis in severe trauma patients: results of a pilot study. Critical Care, 2012, 16, .	5.8	0
175	From positive blood culture to microbiological diagnosis in 4 hours by MALDI-TOF mass spectrometry bacterial identification and rapid antibiogram. Critical Care, 2012, 16, .	5.8	2
176	Relationship between plasma NGAL and serum creatinine is influenced by leucocytosis and neutrophilia in the critically ill. Critical Care, 2012, 16, .	5.8	0
177	Corticosteroid resistance in sepsis is influenced by microRNA-124-induced downregulation of glucocorticoid receptor-1 $\alpha$ . Critical Care, 2012, 16, .	5.8	0
178	Glucocorticoids control systemic inflammatory response by regulation of energy metabolism and cytokine expression. Critical Care, 2012, 16, .	5.8	0
179	Assessment of clinical deterioration and progressive organ failure in moderate-severity emergency department sepsis patients. Critical Care, 2012, 16, .	5.8	0
180	Increased endotoxin activity is associated with clinical deterioration in moderate-severity emergency department sepsis patients: a pilot study. Critical Care, 2012, 16, .	5.8	3
181	Defining the impact of delayed antibiotic administration using a comprehensive electronic health record screen to identify sepsis. Critical Care, 2012, 16, .	5.8	1
182	Effects on outcome of patients with severe sepsis and septic shock admitted to the ICU after implementation cooperative sepsis management protocol. Critical Care, 2012, 16, .	5.8	0
183	Saving 500 Lives Campaign: another way to improve the mortality rate of patients with severe sepsis and septic shock. Critical Care, 2012, 16, .	5.8	4
184	Clinical utility of using C-reactive protein and procalcitonin as biomarkers for a novel neonatal sepsis diagnostic platform (ASCMicroPlat). Critical Care, 2012, 16, .	5.8	0
185	GAPDH: is it a reliable housekeeper gene to use in sepsis research?. Critical Care, 2012, 16, .	5.8	0
186	Cytokine gene expression profiling identifies distinct patterns in severe sepsis. Critical Care, 2012, 16, .	5.8	0
187	Quantified temporal changes of heart rate variability when developing SIRS. Critical Care, 2012, 16, .	5.8	0
188	Endothelial cell specific molecule 1 is today a relevant marker of respiratory failure in sepsis and polytrauma patients. Critical Care, 2012, 16, .	5.8	0
189	A microbiome approach to sepsis: development and case-study application of novel methods for detection and isolation of microbes from whole blood. Critical Care, 2012, 16, .	5.8	2
190	Antibacterial therapy in treatment of newborns with perinatal sepsis. Critical Care, 2012, 16, .	5.8	0
191	Use of intravenous and intramuscular immunoglobulin in the practice of treatment for purulent and septic deaths in newborns. Critical Care, 2012, 16, .	5.8	1

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192	An overview of the sepsis situation in the Department of Infection Diseases, University Hospital Center, Tirana. Critical Care, 2012, 16, .	5.8	0
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