

# Regulation of hemolysin in uropathogenic *Escherichia coli* in human macrophages

Virulence

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Quantification of bacteriuria caused by Hemolysin-positive <i>Escherichia coli</i> in human and mouse urine using quantitative polymerase chain reaction (qPCR) targeting hlyD. <i>Journal of Microbiological Methods</i> , 2018, 152, 173-178.	1.6	3
3	Comparative Genome Analysis of Uropathogenic <i>Morganella morganii</i> Strains. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 167.	3.9	30
4	Complex Multilevel Control of Hemolysin Production by Uropathogenic <i>Escherichia coli</i> . <i>MBio</i> , 2019, 10, .	4.1	15
5	Reaching the End of the Line: Urinary Tract Infections. <i>Microbiology Spectrum</i> , 2019, 7, .	3.0	50
7	Heme Uptake and Utilization by Gram-Negative Bacterial Pathogens. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 81.	3.9	81
8	Uropathogenic <i>Escherichia coli</i> employs both evasion and resistance to subvert innate immune-mediated zinc toxicity for dissemination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 6341-6350.	7.1	60
9	Variation in hemolysin A expression between uropathogenic <i>Escherichia coli</i> isolates determines NLRP3-dependent vs. -independent macrophage cell death and host colonization. <i>FASEB Journal</i> , 2019, 33, 7437-7450.	0.5	16
10	Hemolysin production, as a single factor, causes fulminant sepsis in a model of <i>Escherichia coli</i> -induced bacteraemia. <i>Cellular Microbiology</i> , 2019, 21, e13017.	2.1	13
11	Differential interleukin-1 $\beta$ induction by uropathogenic <i>Escherichia coli</i> correlates with its phylotype and serum C-reactive protein levels in Korean infants. <i>Scientific Reports</i> , 2019, 9, 15654.	3.3	5
12	Functionally distinct resident macrophage subsets differentially shape responses to infection in the bladder. <i>Science Advances</i> , 2020, 6, .	10.3	27
13	Hemolysin of uropathogenic <i>E. coli</i> regulates NLRP3 inflammasome activation and mitochondrial dysfunction in THP-1 macrophages. <i>Scientific Reports</i> , 2020, 10, 12653.	3.3	17
14	Restriction of chronic <i>Escherichia coli</i> urinary tract infection depends upon T cell-derived interleukin-17, a deficiency of which predisposes to flagella-driven bacterial persistence. <i>FASEB Journal</i> , 2020, 34, 14572-14587.	0.5	14
15	Reaching the End of the Line. , 2020, , 83-99.		6
17	Nitric oxide inhibits interleukin-1-mediated protection against <i>Escherichia coli</i> K1-induced sepsis and meningitis in a neonatal murine model. <i>Immunology and Cell Biology</i> , 2021, 99, 596-610.	2.3	5
19	Genomes of Gut Bacteria from <i>Nasonia</i> Wasps Shed Light on Phyllosymbiosis and Microbe-Assisted Hybrid Breakdown. <i>MSystems</i> , 2021, 6, .	3.8	9
20	Pharmacological Inhibition of the Nod-Like Receptor Family Pyrin Domain Containing 3 Inflammasome with MCC950. <i>Pharmacological Reviews</i> , 2021, 73, 968-1000.	16.0	87
21	Bis-molybdopterin guanine dinucleotide modulates hemolysin expression under anaerobiosis and contributes to fitness in vivo in uropathogenic <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2021, 116, 1216-1231.	2.5	1
22	A previously uncharacterized two-component signaling system in uropathogenic <i>Escherichia coli</i> coordinates protection against host-derived oxidative stress with activation of hemolysin-mediated host cell pyroptosis. <i>PLoS Pathogens</i> , 2021, 17, e1010005.	4.7	12

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24	In Silico Prediction and Design of Uropathogenic Escherichia coli Alpha-Hemolysin Generate a Soluble and Hemolytic Recombinant Toxin. Microorganisms, 2022, 10, 172.	3.6	0
25	Nucleotide receptors mediate protection against neonatal sepsis and meningitis caused by alpha-hemolysin expressing <i>Escherichia coli</i> K1. FASEB Journal, 2022, 36, e22197.	0.5	1
26	Kingella kingae RtxA Cytotoxin in the Context of Other RTX Toxins. Microorganisms, 2022, 10, 518.	3.6	7
27	Omics Technologies - What Have They Told Us About Uropathogenic Escherichia coli Fitness and Virulence During Urinary Tract Infection?. Frontiers in Cellular and Infection Microbiology, 2022, 12, 824039.	3.9	8
34	Timing is everything: impact of development, ageing and circadian rhythm on macrophage functions in urinary tract infections. Mucosal Immunology, 2022, 15, 1114-1126.	6.0	4
35	Heterologously secreted MbxA from Moraxella bovis induces a membrane blebbing response of the human host cell. Scientific Reports, 2022, 12, .	3.3	2
37	Uropathogenic Escherichia coli in urinary tract infections. , 2024, , 1271-1297.		0
38	Photochemical inactivation as an alternative method to produce a whole-cell vaccine for uropathogenic <i>Escherichia coli</i> (UPEC). Microbiology Spectrum, 2024, 12, .	3.0	0