

DamX Controls Reversible Cell Morphology Switching i

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Invasion of Host Cells and Tissues by Uropathogenic Bacteria. , 0, , 359-381.		1
2	Invasion of Host Cells and Tissues by Uropathogenic Bacteria. Microbiology Spectrum, 2016, 4, .	1.2	58
3	The SPOR Domain, a Widely Conserved Peptidoglycan Binding Domain That Targets Proteins to the Site of Cell Division. Journal of Bacteriology, 2017, 199, .	1.0	36
4	DFI-seq identification of environment-specific gene expression in uropathogenic Escherichia coli. BMC Microbiology, 2017, 17, 99.	1.3	5
5	Transcriptional Alterations of Virulence-Associated Genes in Extended Spectrum Beta-Lactamase (ESBL)-Producing Uropathogenic Escherichia coli during Morphologic Transitions Induced by Ineffective Antibiotics. Frontiers in Microbiology, 2017, 8, 1058.	1.5	8
6	Determinants of Bacterial Morphology: From Fundamentals to Possibilities for Antimicrobial Targeting. Frontiers in Microbiology, 2017, 8, 1264.	1.5	108
7	YtfB, an OapA Domain-Containing Protein, Is a New Cell Division Protein in Escherichia coli. Journal of Bacteriology, 2018, 200, .	1.0	5
8	Purification of Intracellular Bacterial Communities during Experimental Urinary Tract Infection Reveals an Abundant and Viable Bacterial Reservoir. Infection and Immunity, 2018, 86, .	1.0	12
9	The Molecular Basis of Noncanonical Bacterial Morphology. Trends in Microbiology, 2018, 26, 191-208.	3.5	53
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11	A Method for Quantification of Epithelium Colonization Capacity by Pathogenic Bacteria. Frontiers in Cellular and Infection Microbiology, 2018, 8, 16.	1.8	21
12	Temperature-Dependent Gene Expression in Yersinia ruckeri: Tracking Specific Genes by Bioluminescence During in Vivo Colonization. Frontiers in Microbiology, 2018, 9, 1098.	1.5	14
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16	Single-cell imaging and characterization of <i>Escherichia coli</i> persister cells to ofloxacin in exponential cultures. Science Advances, 2019, 5, eaav9462.	4.7	119
17	Adaptive Responses of <i>Shewanella decolorationis</i> to Toxic Organic Extracellular Electron Acceptor Azo Dyes in Anaerobic Respiration. Applied and Environmental Microbiology, 2019, 85, .	1.4	20
18	A "pathogenic needle"™ in a "commensal haystack"™: Genetic virulence signatures of <i>Corynebacterium glucuronolyticum</i> that may drive its infectious propensity for the male urogenital system. Medical Hypotheses, 2019, 126, 38-41.	0.8	1

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19	Deciphering the Role of a SLOG Superfamily Protein YpsA in Gram-Positive Bacteria. <i>Frontiers in Microbiology</i> , 2019, 10, 623.	1.5	15
20	A Porcine Model for Urinary Tract Infection. <i>Frontiers in Microbiology</i> , 2019, 10, 2564.	1.5	27
21	A Division of Labor in the Recruitment and Topological Organization of a Bacterial Morphogenic Complex. <i>Current Biology</i> , 2020, 30, 3908-3922.e4.	1.8	15
22	Peptidoglycan Endopeptidase Spr of Uropathogenic <i>Escherichia coli</i> Contributes to Kidney Infections and Competitive Fitness During Bladder Colonization. <i>Frontiers in Microbiology</i> , 2020, 11, 586214.	1.5	5
23	<i>Escherichia coli</i> CFT073 Fitness Factors during Urinary Tract Infection: Identification Using an Ordered Transposon Library. <i>Applied and Environmental Microbiology</i> , 2020, 86, .	1.4	30
24	Regulation of filamentation by bacteria and its impact on the productivity of compounds in biotechnological processes. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 4631-4642.	1.7	13
25	Uncovering novel susceptibility targets to enhance the efficacy of third-generation cephalosporins against ESBL-producing uropathogenic <i>Escherichia coli</i> . <i>Journal of Antimicrobial Chemotherapy</i> , 2020, 75, 1415-1423.	1.3	7
26	Phylogenetic and antibiotics resistance in extended-spectrum B-lactamase (ESBL) Uropathogenic <i>Escherichia coli</i> : An update review. <i>Gene Reports</i> , 2021, 23, 101168.	0.4	4
27	The novel <i>E. coli</i> cell division protein, YtfB, plays a role in eukaryotic cell adhesion. <i>Scientific Reports</i> , 2020, 10, 6745.	1.6	3
30	<i>Escherichia coli</i> type-1 fimbriae are critical to overcome initial bottlenecks of infection upon low-dose inoculation in a porcine model of cystitis. <i>Microbiology (United Kingdom)</i> , 2021, 167, .	0.7	13
31	Transcriptional alterations in bladder epithelial cells in response to infection with different morphological states of uropathogenic <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2022, 12, 486.	1.6	3
32	Genome-wide analysis of fitness-factors in uropathogenic <i>Escherichia coli</i> during growth in laboratory media and during urinary tract infections. <i>Microbial Genomics</i> , 2021, 7, .	1.0	9
45	Patatin-like phospholipase CapV in <i>Escherichia coli</i> - morphological and physiological effects of one amino acid substitution. <i>Npj Biofilms and Microbiomes</i> , 2022, 8, 39.	2.9	3
46	Assembly dynamics of FtsZ and DamX during infection-related filamentation and division in uropathogenic <i>E. coli</i> . <i>Nature Communications</i> , 2022, 13, .	5.8	16
47	Filamentous morphology of bacterial pathogens: regulatory factors and control strategies. <i>Applied Microbiology and Biotechnology</i> , 2022, 106, 5835-5862.	1.7	4
48	OmpR and Prc contribute to switch the <i>Salmonella</i> morphogenetic program in response to phagosome cues. <i>Molecular Microbiology</i> , 0, , .	1.2	3
49	Metabolic and Morphotypic Trade-Offs within the Eco-Evolutionary Dynamics of <i>Escherichia coli</i> . <i>Microbiology Spectrum</i> , 2022, 10, .	1.2	2
50	Intracellular uropathogenic <i>Escherichia coli</i> are undetectable in urinary bladders after oral mecillinam treatment: An experimental study in a pig model of cystitis. <i>Microbial Pathogenesis</i> , 2022, 173, 105817.	1.3	2

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52	Bacterial filamentation during urinary tract infections. PLoS Pathogens, 2022, 18, e1010950.	2.1	4
53	A Mild Bioinspiration Route to <i>Bacillus</i> -Shaped Silica with Enhanced Immune Responses. ACS Sustainable Chemistry and Engineering, 2023, 11, 1324-1332.	3.2	1
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