

# Cyclic Di-GMP-Regulated Periplasmic Proteolysis of a P Secretion System Substrate

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Contribution of Physical Interactions to Signaling Specificity between a Diguanylate Cyclase and Its Effector. <i>MBio</i> , 2015, 6, e01978-15.	1.8	65
2	Iron oxide nanoparticle-mediated hyperthermia stimulates dispersal in bacterial biofilms and enhances antibiotic efficacy. <i>Scientific Reports</i> , 2015, 5, 18385.	1.6	97
3	Controlling the Connections of Cells to the Biofilm Matrix. <i>Journal of Bacteriology</i> , 2016, 198, 12-14.	1.0	14
4	Computational and Experimental Evaluation of Designed $\hat{I}^2$ -Cap Hairpins Using Molecular Simulations and Kinetic Network Models. <i>Journal of Chemical Information and Modeling</i> , 2017, 57, 1609-1620.	2.5	9
5	Versatile modes of cellular regulation via cyclic dinucleotides. <i>Nature Chemical Biology</i> , 2017, 13, 350-359.	3.9	99
6	Probing Protein-Protein Interactions with Genetically Encoded Photoactivatable Cross-Linkers. <i>Methods in Molecular Biology</i> , 2017, 1657, 331-345.	0.4	2
7	Stable Signal Peptides and the Response to Secretion Stress in <i>Staphylococcus aureus</i> . <i>MBio</i> , 2017, 8, .	1.8	5
8	Two-Partner Secretion: Combining Efficiency and Simplicity in the Secretion of Large Proteins for Bacteria-Host and Bacteria-Bacteria Interactions. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 148.	1.8	92
9	The EAL-domain protein FcsR regulates flagella, chemotaxis and type III secretion system in <i>Pseudomonas aeruginosa</i> by a phosphodiesterase independent mechanism. <i>Scientific Reports</i> , 2017, 7, 10281.	1.6	19
10	An N-Terminal Retention Module Anchors the Giant Adhesin LapA of <i>Pseudomonas fluorescens</i> at the Cell Surface: a Novel Subfamily of Type I Secretion Systems. <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	44
11	CdrA Interactions within the <i>Pseudomonas aeruginosa</i> Biofilm Matrix Safeguard It from Proteolysis and Promote Cellular Packing. <i>MBio</i> , 2018, 9, .	1.8	76
12	Type 1 Does the Two-Step: Type 1 Secretion Substrates with a Functional Periplasmic Intermediate. <i>Journal of Bacteriology</i> , 2018, 200, .	1.0	44
13	Regulation of Protein Secretion Systems Mediated by Cyclic Diguanylate in Plant-Interacting Bacteria. <i>Frontiers in Microbiology</i> , 2019, 10, 1289.	1.5	11
14	Multiple Roles of c-di-GMP Signaling in Bacterial Pathogenesis. <i>Annual Review of Microbiology</i> , 2019, 73, 387-406.	2.9	101
15	Confocal Laser Scanning Microscopy for Analysis of <i>Pseudomonas aeruginosa</i> Biofilm Architecture and Matrix Localization. <i>Frontiers in Microbiology</i> , 2019, 10, 677.	1.5	81
16	A Conserved Regulatory Circuit Controls Large Adhesins in <i>Vibrio cholerae</i> . <i>MBio</i> , 2019, 10, .	1.8	29
17	RTX Adhesins are Key Bacterial Surface Megaproteins in the Formation of Biofilms. <i>Trends in Microbiology</i> , 2019, 27, 453-467.	3.5	30
18	Untethering and Degradation of the Polysaccharide Matrix Are Essential Steps in the Dispersion Response of <i>Pseudomonas aeruginosa</i> Biofilms. <i>Journal of Bacteriology</i> , 2020, 202, .	1.0	33

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19	The Versatile <i>Pseudomonas aeruginosa</i> Biofilm Matrix Protein CdrA Promotes Aggregation through Different Extracellular Exopolysaccharide Interactions. <i>Journal of Bacteriology</i> , 2020, 202, .	1.0	53
20	From Input to Output: The Lap/c-di-GMP Biofilm Regulatory Circuit. <i>Annual Review of Microbiology</i> , 2020, 74, 607-631.	2.9	39
21	Surface Sensing and Adaptation in Bacteria. <i>Annual Review of Microbiology</i> , 2020, 74, 735-760.	2.9	49
22	Biofilm dispersion: The key to biofilm eradication or opening Pandora's box?. <i>Biofilm</i> , 2020, 2, 100027.	1.5	76
23	MapA, a Second Large RTX Adhesin Conserved across the Pseudomonads, Contributes to Biofilm Formation by <i>Pseudomonas fluorescens</i> . <i>Journal of Bacteriology</i> , 2020, 202, .	1.0	18
25	Searching for the Secret of Stickiness: How Biofilms Adhere to Surfaces. <i>Frontiers in Microbiology</i> , 2021, 12, 686793.	1.5	24
26	Architecture of cell-cell junctions in situ reveals a mechanism for bacterial biofilm inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	22
27	ExlA Pore-Forming Toxin: Localization at the Bacterial Membrane, Regulation of Secretion by Cyclic-Di-GMP, and Detection In Vivo. <i>Toxins</i> , 2021, 13, 645.	1.5	2
28	The anti-cancerous drug doxorubicin decreases the c-di-GMP content in <i>Pseudomonas aeruginosa</i> but promotes biofilm formation. <i>Microbiology (United Kingdom)</i> , 2016, 162, 1797-1807.	0.7	17
29	<i>Pseudomonas aeruginosa</i> cells attached to a surface display a typical proteome early as 20 minutes of incubation. <i>PLoS ONE</i> , 2017, 12, e0180341.	1.1	32
30	Coincidence detection and bi-directional transmembrane signaling control a bacterial second messenger receptor. <i>ELife</i> , 2016, 5, .	2.8	23
33	ExlA: A New Contributor to <i>Pseudomonas aeruginosa</i> Virulence. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	1
34	Phenotypic and integrated analysis of a comprehensive <i>Pseudomonas aeruginosa</i> PAO1 library of mutants lacking cyclic-di-GMP-related genes. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	5
35	Identification of Cyclic-di-GMP-Modulating Protein Residues by Bidirectionally Evolving a Social Behavior in <i>Pseudomonas fluorescens</i> . <i>MSystems</i> , 2022, 7, .	1.7	1
36	Controlling Biofilm Development Through Cyclic di-GMP Signaling. <i>Advances in Experimental Medicine and Biology</i> , 2022, , 69-94.	0.8	11
37	Biofilm Detachment and Its Implication in Spreading Biofilm-Related Infections. , 2023, , 3-13.		1
38	Impact of c-di-GMP on the Extracellular Proteome of <i>Rhizobium etli</i> . <i>Biology</i> , 2023, 12, 44.	1.3	3
42	Exploring Innovative Approaches to Isolate a One-Component c-di-GMP Transducer: A Pilot Study. <i>Advances in Experimental Medicine and Biology</i> , 2023, , .	0.8	0

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