

# An HD-domain phosphodiesterase mediates cooperative bacterial growth and virulence

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Citation Report

#	ARTICLE	IF	CITATIONS
1	A jack of all trades: the multiple roles of the unique essential second messenger cyclic diAMP. <i>Molecular Microbiology</i> , 2015, 97, 189-204.	1.2	121
2	Functional analysis of the sporulation-specific diadenylate cyclase CdaS in <i>Bacillus thuringiensis</i> . <i>Frontiers in Microbiology</i> , 2015, 6, 908.	1.5	57
3	Systematic Identification of Cyclic-di-GMP Binding Proteins in <i>Vibrio cholerae</i> Reveals a Novel Class of Cyclic-di-GMP-Binding ATPases Associated with Type II Secretion Systems. <i>PLoS Pathogens</i> , 2015, 11, e1005232.	2.1	107
4	V-cGAPs: attenuators of 3 $\beta$ -cGAMP signaling. <i>Cell Research</i> , 2015, 25, 529-530.	5.7	5
5	The PAMP c-di-AMP Is Essential for <i>Listeria monocytogenes</i> Growth in Rich but Not Minimal Media due to a Toxic Increase in (p)ppGpp. <i>Cell Host and Microbe</i> , 2015, 17, 788-798.	5.1	131
6	Chemical proteomics reveals a second family of cyclic-di-AMP hydrolases. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 1921-1922.	3.3	1
7	Structural Insights into the Distinct Binding Mode of Cyclic Di-AMP with <i>Sa</i> CpaA_RCK. <i>Biochemistry</i> , 2015, 54, 4936-4951.	1.2	48
8	Functional Analysis of a c-di-AMP-specific Phosphodiesterase MsPDE from <i>Mycobacterium smegmatis</i> . <i>International Journal of Biological Sciences</i> , 2015, 11, 813-824.	2.6	70
9	RNA quaternary structure and global symmetry. <i>Trends in Biochemical Sciences</i> , 2015, 40, 211-220.	3.7	40
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15	Cyclic diAMP mediates biofilm formation. <i>Molecular Microbiology</i> , 2016, 99, 945-959.	1.2	126
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20	Old concepts, new molecules and current approaches applied to the bacterial nucleotide signalling field. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2016, 371, 20150503.	1.8	10
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41	Non-canonical Cyclic Nucleotides. <i>Handbook of Experimental Pharmacology</i> , 2017, , .	0.9	2
42	Characterization of <i>Runella slithyformis</i> HD-Pnk, a Bifunctional DNA/RNA End-Healing Enzyme Composed of an N-Terminal 2 <sup>â€²</sup> ,3 <sup>â€²</sup> -Phosphoesterase HD Domain and a C-Terminal 5 <sup>â€²</sup> -OH Polynucleotide Kinase Domain. <i>Journal of Bacteriology</i> , 2017, 199, .	1.0	6
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139	ç»†èÉc-di-AMPç%¹¼/4,æ€§ç£·é...ä°Éé...`é...¶çš„ç”ç©¶è¿ª±±. <i>Chinese Science Bulletin</i> , 2022, , .	0.4	0



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154	c-di-AMP signaling is required for bile salt resistance, osmotolerance, and long-term host colonization by <i>Clostridioides difficile</i> . <i>Science Signaling</i> , 2022, 15, .	1.6	15
155	Cyclic di-AMP, a multifaceted regulator of central metabolism and osmolyte homeostasis in <i>Listeria monocytogenes</i> . <i>MicroLife</i> , 2023, 4, .	1.0	3
156	Biochemical and molecular regulatory mechanism of the <i>pgpH</i> gene on biofilm formation in <i>Listeria monocytogenes</i> . <i>Journal of Applied Microbiology</i> , 2023, 134, .	1.4	1
158	Comparative analysis of five type II TA systems identified in <i>Pseudomonas aeruginosa</i> reveals their contributions to persistence and intracellular survival. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 13, .	1.8	4
159	Osmotic stress responses and the biology of the second messenger c-di-AMP in <i>Streptomyces</i> . <i>MicroLife</i> , 2023, 4, .	1.0	1