

A broadly distributed toxin family mediates contact-dependent killing of gram-positive bacteria

ELife

6,

DOI: [10.7554/elife.26938](https://doi.org/10.7554/elife.26938)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Structure of a novel antibacterial toxin that exploits elongation factor Tu to cleave specific transfer RNAs. <i>Nucleic Acids Research</i> , 2017, 45, 10306-10320.	6.5	23
2	The Landscape of Type VI Secretion across Human Gut Microbiomes Reveals Its Role in Community Composition. <i>Cell Host and Microbe</i> , 2017, 22, 411-419.e4.	5.1	137
3	A widespread family of polymorphic toxins encoded by temperate phages. <i>BMC Biology</i> , 2017, 15, 75.	1.7	33
4	Antibacterial Weapons: Targeted Destruction in the Microbiota. <i>Trends in Microbiology</i> , 2018, 26, 329-338.	3.5	106
5	Expanding the molecular weaponry of bacterial species. <i>Journal of Biological Chemistry</i> , 2018, 293, 1515-1516.	1.6	5
6	The ColM Family, Polymorphic Toxins Breaching the Bacterial Cell Wall. <i>MBio</i> , 2018, 9, .	1.8	13
7	Contact-dependent interbacterial toxins deliver a message. <i>Current Opinion in Microbiology</i> , 2018, 42, 40-46.	2.3	42
8	Diverse NADase effector families mediate interbacterial antagonism via the type VI secretion system. <i>Journal of Biological Chemistry</i> , 2018, 293, 1504-1514.	1.6	100
9	Antibacterial Toxins: Gram-Positive Bacteria Strike Back!. <i>Trends in Microbiology</i> , 2018, 26, 89-91.	3.5	14
10	Bacterial Cell Wall Precursor Phosphatase Assays Using Thin-layer Chromatography (TLC) and High Pressure Liquid Chromatography (HPLC). <i>Bio-protocol</i> , 2018, 8, e2761.	0.2	1
11	Bifunctional Immunity Proteins Protect Bacteria against FtsZ-Targeting ADP-Ribosylating Toxins. <i>Cell</i> , 2018, 175, 1380-1392.e14.	13.5	109
12	Programmed Secretion Arrest and Receptor-Triggered Toxin Export during Antibacterial Contact-Dependent Growth Inhibition. <i>Cell</i> , 2018, 175, 921-933.e14.	13.5	71
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14	Molecular Basis for Immunity Protein Recognition of a Type VII Secretion System Exported Antibacterial Toxin. <i>Journal of Molecular Biology</i> , 2018, 430, 4344-4358.	2.0	29
15	<i>ixodes scapularis</i> does not harbor a stable midgut microbiome. <i>ISME Journal</i> , 2018, 12, 2596-2607.	4.4	87
16	Functional plasticity of antibacterial EndoU toxins. <i>Molecular Microbiology</i> , 2018, 109, 509-527.	1.2	25
17	Multifaceted Defense against <i>Listeria monocytogenes</i> in the Gastro-Intestinal Lumen. <i>Pathogens</i> , 2018, 7, 1.	1.2	40
18	Interbacterial mechanisms of colonization resistance and the strategies pathogens use to overcome them. <i>Mucosal Immunology</i> , 2019, 12, 1-9.	2.7	177

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19	A modular effector with a DNase domain and a marker for T6SS substrates. <i>Nature Communications</i> , 2019, 10, 3595.	5.8	85
20	Protein Export into and across the Atypical Diderm Cell Envelope of Mycobacteria. <i>Microbiology Spectrum</i> , 2019, 7, .	1.2	13
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22	Human gut bacteria contain acquired interbacterial defence systems. <i>Nature</i> , 2019, 575, 224-228.	13.7	99
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26	Pathogen Colonization Resistance in the Gut and Its Manipulation for Improved Health. <i>American Journal of Pathology</i> , 2019, 189, 1300-1310.	1.9	31
27	Genome Mining and Comparative Analysis of <i>Streptococcus intermedius</i> Causing Brain Abscess in a Child. <i>Pathogens</i> , 2019, 8, 22.	1.2	13
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30	Comparative Genome Analysis of <i>Staphylococcus lugdunensis</i> Shows Clonal Complex-Dependent Diversity of the Putative Virulence Factor, <i>ess</i> /Type VII Locus. <i>Frontiers in Microbiology</i> , 2019, 10, 2479.	1.5	30
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36	Early development of the skin microbiome: therapeutic opportunities. <i>Pediatric Research</i> , 2021, 90, 731-737.	1.1	14

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38	Polymorphic Toxins and Their Immunity Proteins: Diversity, Evolution, and Mechanisms of Delivery. <i>Annual Review of Microbiology</i> , 2020, 74, 497-520.	2.9	68
39	Structure and Function of the Mycobacterial Type VII Secretion Systems. <i>Annual Review of Microbiology</i> , 2020, 74, 315-335.	2.9	29
40	A membrane-depolarizing toxin substrate of the <i>Staphylococcus aureus</i> type VII secretion system mediates intraspecies competition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 20836-20847.	3.3	57
41	Genome-Wide Mutagenesis Identifies Factors Involved in <i>Enterococcus faecalis</i> Vaginal Adherence and Persistence. <i>Infection and Immunity</i> , 2020, 88, .	1.0	16
42	Contact-Dependent Growth Inhibition in Bacteria: Do Not Get Too Close!. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7990.	1.8	18
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50	Structure of the Extracellular Region of the Bacterial Type VIIb Secretion System Subunit EsaA. <i>Structure</i> , 2021, 29, 177-185.e6.	1.6	14
51	Targeting the Achillesâ€™ Heel of Bacteria: Different Mechanisms To Break Down the Peptidoglycan Cell Wall during Bacterial Warfare. <i>Journal of Bacteriology</i> , 2021, 203, .	1.0	24
52	Molecular trafficking between bacteria determines the shape of gut microbial community. <i>Gut Microbes</i> , 2021, 13, 1959841.	4.3	20
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54	Activation of a bacterial killing machine. <i>PLoS Genetics</i> , 2021, 17, e1009261.	1.5	5

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63	The Type VII Secretion System of <i>Staphylococcus</i> . <i>Annual Review of Microbiology</i> , 2021, 75, 471-494.	2.9	38
64	Wolf in Sheep's Clothing: <i>Clostridioides difficile</i> Biofilm as a Reservoir for Recurrent Infections. <i>Microorganisms</i> , 2021, 9, 1922.	1.6	17
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84	Comparative genome analysis, predicted lifestyle and antimicrobial strategies of <i>Lactococcus carnosus</i> and <i>Lactococcus paracarnosus</i> isolated from meat. <i>Microbiological Research</i> , 2022, 258, 126982.	2.5	4

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