

# Definitions and guidelines for research on antibiotic pe

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The search for persistence mechanisms continues. <i>Nature Reviews Microbiology</i> , 2019, 17, 589-589.	13.6	0
2	A single amino acid substitution (H451Y) in <i>Leishmania</i> calcium-dependent kinase SCAMK confers high tolerance and resistance to antimony. <i>Journal of Antimicrobial Chemotherapy</i> , 2019, 74, 3231-3239.	1.3	7
3	Antimicrobial resistance three ways: healthcare crisis, major concepts and the relevance of biofilms. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	34
4	Forecasting cell fate during antibiotic exposure using stochastic gene expression. <i>Communications Biology</i> , 2019, 2, 259.	2.0	15
5	Bacterial Heterogeneity and Antibiotic Survival: Understanding and Combatting Persistence and Heteroresistance. <i>Molecular Cell</i> , 2019, 76, 255-267.	4.5	123
6	Single cell ecology. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20190076.	1.8	11
7	Targeting redox heterogeneity to counteract drug tolerance in replicating <i>Mycobacterium tuberculosis</i> . <i>Science Translational Medicine</i> , 2019, 11, .	5.8	76
8	The Crohn's disease-associated <i>Escherichia coli</i> strain LF82 relies on SOS and stringent responses to survive, multiply and tolerate antibiotics within macrophages. <i>PLoS Pathogens</i> , 2019, 15, e1008123.	2.1	44
9	Historical contingency in the evolution of antibiotic resistance after decades of relaxed selection. <i>PLoS Biology</i> , 2019, 17, e3000397.	2.6	45
10	Reaction Kinetic Models of Antibiotic Heteroresistance. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3965.	1.8	5
11	<i>Salmonella</i> persisters promote the spread of antibiotic resistance plasmids in the gut. <i>Nature</i> , 2019, 573, 276-280.	13.7	169
12	Leveraging Peptide Substrate Libraries to Design Inhibitors of Bacterial Lon Protease. <i>ACS Chemical Biology</i> , 2019, 14, 2453-2462.	1.6	12
13	Hypotonic Shock Facilitates Aminoglycoside Killing of Both Nutrient Shift- and Starvation-Induced Bacterial Persister Cells by Rapidly Enhancing Aminoglycoside Uptake. <i>Frontiers in Microbiology</i> , 2019, 10, 2028.	1.5	17
14	Bacterial Persisters and Infection: Past, Present, and Progressing. <i>Annual Review of Microbiology</i> , 2019, 73, 359-385.	2.9	167
15	Transient antibiotic resistance calls for attention. <i>Nature Microbiology</i> , 2019, 4, 1606-1607.	5.9	15
16	Spreading resistance in <i>Salmonella</i> 's sleep. <i>Nature Reviews Microbiology</i> , 2019, 17, 645-645.	13.6	0
17	Comparison of Starvation-Induced Persister Cells with Antibiotic-Induced Persister Cells. <i>Current Microbiology</i> , 2019, 76, 1495-1502.	1.0	12
18	Discovery and Therapeutic Targeting of Differentiated Biofilm Subpopulations. <i>Frontiers in Microbiology</i> , 2019, 10, 1908.	1.5	28

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19	Commentary: Tolerance and Resistance of <i>Pseudomonas aeruginosa</i> Biofilms to Antimicrobial Agents-How <i>P. aeruginosa</i> Can Escape Antibiotics. <i>Frontiers in Microbiology</i> , 2019, 10, 2164.	1.5	9
20	Antibiotics: Combatting Tolerance To Stop Resistance. <i>MBio</i> , 2019, 10, .	1.8	103
21	Quorum sensing modulates the formation of virulent <i>Legionella</i> persisters within infected cells. <i>Nature Communications</i> , 2019, 10, 5216.	5.8	30
22	Muropeptides Stimulate Growth Resumption from Stationary Phase in <i>Escherichia coli</i> . <i>Scientific Reports</i> , 2019, 9, 18043.	1.6	10
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25	AcrB: a mean, keen, drug efflux machine. <i>Annals of the New York Academy of Sciences</i> , 2020, 1459, 38-68.	1.8	99
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27	Proteomic Investigation of Tolerant <i>Escherichia coli</i> Populations from Cyclic Antibiotic Treatment. <i>Journal of Proteome Research</i> , 2020, 19, 900-913.	1.8	39
28	Antibacterial Liquid Metals: Biofilm Treatment <i>via</i> Magnetic Activation. <i>ACS Nano</i> , 2020, 14, 802-817.	7.3	198
29	Proteolytic Queues at ClpXP Increase Antibiotic Tolerance. <i>ACS Synthetic Biology</i> , 2020, 9, 95-103.	1.9	14
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31	Determining the Development of Persisters in Extensively Drug-Resistant <i>Acinetobacter baumannii</i> upon Exposure to Polymyxin B-Based Antibiotic Combinations Using Flow Cytometry. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	13
32	Engineering Chirally Blind Protein Pseudocapsids into Antibacterial Persisters. <i>ACS Nano</i> , 2020, 14, 1609-1622.	7.3	42
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37	Antibiotic tolerance. PLoS Pathogens, 2020, 16, e1008892.	2.1	38
38	Mechanisms of Drug-Induced Tolerance in Mycobacterium tuberculosis. Clinical Microbiology Reviews, 2020, 34, .	5.7	66
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41	Wide lag time distributions break a trade-off between reproduction and survival in bacteria. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 18729-18736.	3.3	72
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54	Delving Into the Functional Meaning of Phenotypic Variation in Mycobacterial Persistence: Who Benefits the Most From Programmed Death of Individual Cells?. Microbiology Insights, 2020, 13, 117863612094530.	0.9	1
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57	High-Level Antibiotic Tolerance of a Clinically Isolated Enterococcus faecalis Strain. Applied and Environmental Microbiology, 2020, 87, .	1.4	2
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88	Mutations in ArgS Arginine-tRNA Synthetase Confer Additional Antibiotic Tolerance Protection to Extended-Spectrum- $\beta$ -Lactamase-Producing <i>Burkholderia thailandensis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	1.4	1
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91	An RNA biology perspective on species-specific programmable RNA antibiotics. <i>Molecular Microbiology</i> , 2020, 113, 550-559.	1.2	30

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158	Antibiotics modulate attractive interactions in bacterial colonies affecting survivability under combined treatment. <i>PLoS Pathogens</i> , 2021, 17, e1009251.	2.1	15
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