

# Trends in the discovery of new drugs for *Mycobacterium tuberculosis*: a glance at resistance

Tuberculosis

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Prudent antibiotic stewardship in wound care management. British Journal of Health Care Management, 2018, 24, 170-171.	0.2	0
2	Molecular detection of rifampin, isoniazid, and ofloxacin resistance in Iranian isolates of <i>Mycobacterium tuberculosis</i> by high-resolution melting analysis. Infection and Drug Resistance, 2018, Volume 11, 1819-1829.	2.7	20
3	The potential use of rifabutin for treatment of patients diagnosed with rifampicin-resistant tuberculosis. Journal of Antimicrobial Chemotherapy, 2018, 73, 2667-2674.	3.0	17
4	Testing a Human Antimicrobial RNase Chimera Against Bacterial Resistance. Frontiers in Microbiology, 2019, 10, 1357.	3.5	10
5	Transferrin conjugates of antitubercular drug isoniazid: Synthesis and <i>in vitro</i> efficacy. European Journal of Medicinal Chemistry, 2019, 183, 111713.	5.5	11
6	Quinolone-isoniazid hybrids: synthesis and preliminary <i>in vitro</i> cytotoxicity and anti-tuberculosis evaluation. MedChemComm, 2019, 10, 326-331.	3.4	20
7	New Quinolone-Based Thiosemicarbazones Showing Activity Against <i>Plasmodium falciparum</i> and <i>Mycobacterium tuberculosis</i> . Molecules, 2019, 24, 1740.	3.8	15
8	Characterization of Arabinosyl Transfer Reactions in the Biosynthesis of <i>Mycobacterium tuberculosis</i> (Lipo)Polysaccharides. Methods in Molecular Biology, 2019, 1954, 175-186.	0.9	3
9	Fifty years of success in controlling tuberculosis in Iran, the question is how?. Infection Control and Hospital Epidemiology, 2019, 40, 498-499.	1.8	0
10	Pyrazinamide drug resistance in RpsA mutant ( $\Delta 438A$ ) of <i>Mycobacterium tuberculosis</i> : Dynamics of essential motions and free energy landscape analysis. Journal of Cellular Biochemistry, 2019, 120, 7386-7402.	2.6	36
11	Synthesis and antimicrobial evaluation of piperic acid amides and their lower homologues. Drug Development Research, 2020, 81, 366-373.	2.9	0
12	Simple and sensitive method for the analysis of 14 antituberculosis drugs using liquid chromatography/tandem mass spectrometry in human plasma. Rapid Communications in Mass Spectrometry, 2020, 34, e8667.	1.5	8
13	A Glutamine Insertion at Codon 432 of RpoB Confers Rifampicin Resistance in <i>Mycobacterium tuberculosis</i> . Frontiers in Microbiology, 2020, 11, 583194.	3.5	1
14	Facile Synthesis of Isoniazid Derivatives $\alpha$ -(1-[2-(3-Aryl(Hetaryl)-1-Phenyl-1H-Pyrazol-4-yl)-5-(Pyridin-4-yl)-1,3,4-Oxadiazol-3(2H)-yl]Ethanones. Chemistry of Heterocyclic Compounds, 2020, 56, 615-618.	1.2	2
15	Drug-Resistant Tuberculosis 2020: Where We Stand. Applied Sciences (Switzerland), 2020, 10, 2153.	2.5	46
16	Lead molecules from natural products: Insight into tubercular targets. Studies in Natural Products Chemistry, 2020, , 41-84.	1.8	2
18	<i>Mycobacteriophages</i> as Potential Therapeutic Agents against Drug-Resistant Tuberculosis. International Journal of Molecular Sciences, 2021, 22, 735.	4.1	20
19	Performance of the MeltPro MTB Assays in the Diagnosis of Drug-Resistant Tuberculosis Using Formalin-Fixed, Paraffin-Embedded Tissues. American Journal of Clinical Pathology, 2021, 156, 34-41.	0.7	6

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20	3D host cell and pathogen-based bioassay development for testing anti-tuberculosis (TB) drug response and modeling immunodeficiency. <i>Biomolecular Concepts</i> , 2021, 12, 117-128.	2.2	3
21	Weighted Gene Co-Expression Network Analysis Identifies Key Modules and Hub Genes Associated with Mycobacterial Infection of Human Macrophages. <i>Antibiotics</i> , 2021, 10, 97.	3.7	8
22	Computational exploration and anti-mycobacterial activity of potential inhibitors of <i>Mycobacterium tuberculosis</i> acetyl coenzyme A carboxylase as anti-tubercular agents. SAR and QSAR in Environmental Research, 2021, 32, 191-205.	2.2	3
23	Chemical Classes Presenting Novel Antituberculosis Agents Currently in Different Phases of Drug Development: A 2010–2020 Review. <i>Pharmaceuticals</i> , 2021, 14, 461.	3.8	31
24	Bedaquiline: Current status and future perspectives. <i>Journal of Global Antimicrobial Resistance</i> , 2021, 25, 48-59.	2.2	43
25	Arylquinolinecarboxamides: Synthesis, in vitro and in silico studies against <i>Mycobacterium tuberculosis</i> . <i>Journal of Heterocyclic Chemistry</i> , 0, , .	2.6	1
26	Evaluating the Frequency of Resistance to Pyrazinamide Among Drug-resistant Strains of <i>Mycobacterium tuberculosis</i> in Isfahan, Iran. <i>Archives of Clinical Infectious Diseases</i> , 2021, 16, .	0.2	1
27	Pyridine and quinoline molecules as crucial protagonists in the never-stopping discovery of new agents against tuberculosis. <i>European Journal of Pharmaceutical Sciences</i> , 2020, 151, 105374.	4.0	14
28	New and repurposed drugs. , 0, , 179-204.		4
29	Mechanism of Action, Resistance, Synergism, and Clinical Implications of Delamanid Against Multidrug-Resistant <i>Mycobacterium tuberculosis</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 717045.	3.5	27
30	Protein O-mannosyltransferase Rv1002c contributes to low cell permeability, biofilm formation in vitro, and mycobacterial survival in mice. <i>Apmis</i> , 2022, , .	2.0	2
31	Structure-Based Virtual Screening of Benzaldehyde Thiosemicarbazone Derivatives against DNA Gyrase B of <i>Mycobacterium tuberculosis</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-11.	1.2	1
32	Tuberculosis challenges: Resistance, co-infection, diagnosis, and treatment. <i>European Journal of Microbiology and Immunology</i> , 2022, 12, 1-17.	2.8	10
40	IMMUNE RESPONSE ON THE ADMINISTRATION OF RECOMBINANT PROTEIN ANTIBODIES AG-38 KDA MYCOBACTERIUM TUBERCULOSIS AND RIFAMPICIN EX-VIVO.. <i>African Journal of Infectious Diseases</i> , 2022, 16, 71-79.	0.9	1
41	A review on enzyme complexes of electron transport chain from <i>Mycobacterium tuberculosis</i> as promising drug targets. <i>International Journal of Biological Macromolecules</i> , 2022, 212, 474-494.	7.5	8
42	Investigation of quinolone-ethered aminoguanidine as novel antibacterial agents. <i>Archiv Der Pharmazie</i> , 0, , .	4.1	3
43	Synthesis, characterization, biological evaluation, and computational study of benzimidazole hybrid thiosemicarbazide derivatives. <i>Journal of Heterocyclic Chemistry</i> , 2022, 59, 2142-2164.	2.6	4
44	Virtual Screening Identifies Novel and Potent Inhibitors of <i>Mycobacterium tuberculosis</i> PknB with Antibacterial Activity. <i>Journal of Chemical Information and Modeling</i> , 2022, 62, 6508-6518.	5.4	4

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45	ZOONOTIC DISEASES AND TREATMENT OF EXOTIC ANIMALS. Veteriner Farmakoloji Ve Toksikoloji Derneği Bülteni, 0, , .	0.1	0
46	“Upcycling” known molecules and targets for drug-resistant TB. Frontiers in Cellular and Infection Microbiology, 0, 12, .	3.9	1
47	Phages for the treatment of Mycobacterium species. Progress in Molecular Biology and Translational Science, 2023, , 41-92.	1.7	0