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Publications

PUBLICATIONS

- **Novel Derivatives of Quinoxaline-2-carboxylic Acid 1,4-Dioxides as Antimycobacterial Agents: Mechanistic Studies and Therapeutic Potential.** *Pharmaceuticals (Basel, Switzerland)*
Frolova, S. G., Vatlin, A. A., Maslov, D. A., Yusuf, B., Buravchenko, G. I., Bekker, O. B., Klimina, K. M., Smirnova, S. V., Shnakhova, L. M., Malyants, I. K., Lashkin, A. I., Tian, X., Alam, et al
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- **Kanamycin and Ofloxacin Activate the Intrinsic Resistance to Multiple Antibiotics in Mycobacterium smegmatis.** *Biology*
Vatlin, A. A., Bekker, O. B., Shur, K. V., Ilyasov, R. A., Shatrov, P. A., Maslov, D. A., Danilenko, V. N.
2023; 12 (4)
- **MSMEG_1963 and MSMEG_5597 Genes, but Not inhA, Modulate Mycobacterium smegmatis Resistance to Tryptanthrins** *RUSSIAN JOURNAL OF GENETICS*
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- **Arabinosyltransferase C Mediates Multiple Drugs Intrinsic Resistance by Altering Cell Envelope Permeability in Mycobacterium abscessus** *MICROBIOLOGY SPECTRUM*
Wang, S., Cai, X., Yu, W., Zeng, S., Zhang, J., Guo, L., Gao, Y., Lu, Z., Hameed, H., Fang, C., Tian, X., Yusuf, B., Chhotaray, et al
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- **Synthesis and Characterization of Novel 2-Acyl-3-trifluoromethylquinoxaline 1,4-Dioxides as Potential Antimicrobial Agents** *PHARMACEUTICALS*
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- **Repurposing Based Identification of Novel Inhibitors against MmpS5-MmpL5 Efflux Pump of Mycobacterium smegmatis: A Combined In Silico and In Vitro Study** *BIOMEDICINES*
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- **Characterization of Genetic Variants Associated with Rifampicin Resistance Level in Mycobacterium tuberculosis Clinical Isolates Collected in Guangzhou Chest Hospital, China** *INFECTION AND DRUG RESISTANCE*
Hameed, H., Fang, C., Liu, Z., Ju, Y., Han, X., Gao, Y., Wang, S., Chiwala, G., Tan, Y., Guan, P., Hu, J., Xiong, X., Peng, et al
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- **Sterilizing Effects of Novel Regimens Containing TB47, Clofazimine, and Linezolid in a Murine Model of Tuberculosis.** *Antimicrobial agents and chemotherapy*
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- **Transcriptomic Profile of Mycobacterium smegmatis in Response to an Imidazo[1,2-b][1,2,4,5]tetrazine Reveals Its Possible Impact on Iron Metabolism.** *Frontiers in microbiology*
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- **MmpS5-MmpL5 Transporters Provide Mycobacterium smegmatis Resistance to imidazo[1,2-b][1,2,4,5]tetrazines.** *Pathogens (Basel, Switzerland)*
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