

Lists of selected publications (last five years)

1. **Shenkutie Abebe Mekuria**, Daniel Gebrelibanos, Mianzhi Yao, Gadissa Bedada Hundie, Franklin W. N. Chow, Polly H. M. Leung. Impairment of novel Small RNA00203 reduces biofilm formation and biofilm-specific antibiotic resistance in *A. baumannii*. International Journal of Antimicrobial Agents, Elsevier <https://doi.org/10.1016/j.ijantimicag.2023.106889>.
2. **Shenkutie Abebe Mekuria**, Jiaying Zhang, Mianzhi Yao, Daniel Asrat, Franklin W. N. Chow, and Polly H. M. Leung. 2022. "Effects of Sub-Minimum Inhibitory Concentrations of Imipenem and Colistin on Expression of Biofilm-Specific Antibiotic Resistance and Virulence Genes in *Acinetobacter baumannii* Sequence Type 1894" *International Journal of Molecular Sciences* 23, no. 20: 12705. <https://doi.org/10.3390/ijms232012705>.
3. Yao, Mianzhi, Qianhui Zhu, Jin Zou, **Shenkutie Abebe Mekuria**, Songnian Hu, Jiuxin Qu, Zilong He, and Polly HM Leung. "Genomic Characterization of a Uropathogenic *Escherichia coli* ST405 Isolate Harboring bla CTX-M-15-Encoding IncFIA-FIB Plasmid, bla CTX-M-24-Encoding IncII Plasmid, and Phage-Like Plasmid." *Frontiers in Microbiology* 13 (2022): 845045-845045. [10.3389/fmicb.2022.845045](https://doi.org/10.3389/fmicb.2022.845045).
4. **Shenkutie Abebe Mekuria**, Mian Zhi Yao, Gilman Kit-hang Siu, Barry Kin Chung Wong, and Polly Hang-mei Leung. "Biofilm-induced antibiotic resistance in clinical *Acinetobacter baumannii* isolates." *Antibiotics* 9, no. 11 (2020):817. <https://doi.org/10.3390/antibiotics9110817>.
5. Demisie S, Oh D, Wolday D, RinkedeWit TF, Abera A, Tasew G, **Shenkutie AM**, Girma S, Tafess K. 0. Diversity of culturable bacterial isolates and their potential as antimicrobial against human pathogens from Afar region, Ethiopia. *Microbiol Spectr* 0:e01810-24. <https://doi.org/10.1128/spectrum.01810-24>
6. Hamde, F., Chala, B., Bekele, M., **Shenkutie, A. M.**, Abubeker, R., & Tafess, K. (2024). Isolation and Antimicrobial Resistance Patterns of Bacterial Pathogens from Community-Acquired Pneumonia at Adama Hospital Medical College, Adama, Ethiopia. *Journal of Tropical Medicine*, 2024(1), 8710163.
7. Demisie S, Oh DC, Abera A, Tasew G, Satessa GD, Fufa F, **Shenkutie AM**, Wolday D, Tafess K. Bioprospecting secondary metabolites with antimicrobial properties from soil bacteria in high-temperature ecosystems. *Microb Cell Fact*. 2024 Dec 19;23(1):332. doi: 10.1186/s12934-024-02589-6. PMID