

Tematica pentru examenul de admitere la doctorat, 2026

1. Mecanisme de rezistență la antibiotice a bacteriilor
 2. Mecanisme de achiziționare și diseminare a rezistenței la bacterii
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1. Mechanisms of antibiotic resistance in bacteria
 2. Mechanisms of resistance acquisition and dissemination in bacteria

Bibliografie

Deng, Y., Bao, X., Ji, L., Chen, L., Liu, J., Miao, J., ... & Yu, G. (2015). Resistance integrons: class 1, 2 and 3 integrons. *Annals of clinical microbiology and antimicrobials*, 14(1), 45. <https://doi.org/10.1186/s12941-015-0100-6>

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Liu, G., Thomsen, L. E., & Olsen, J. E. (2022). Antimicrobial-induced horizontal transfer of antimicrobial resistance genes in bacteria: a mini-review. *Journal of Antimicrobial Chemotherapy*, 77(3), 556-567. <https://doi.org/10.1093/jac/dkab450>

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Wang, X., Zhang, H., Yu, S., Li, D., Gillings, M. R., Ren, H., ... & Luo, Y. (2024). Inter-plasmid transfer of antibiotic resistance genes accelerates antibiotic resistance in bacterial pathogens. *The ISME journal*, 18(1), wrad032. <https://doi.org/10.1093/ismejo/wrad032>

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Conducator doctorat

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