

## PUBLICATIONS

### Conference paper:

- Das, S., & **Banik, R. D. (2024)**. Microbial action to remediate petroleum-hydrocarbon contaminated soil. *Journal of Advances in Microbiology Research*, 5(1): 27-32, DOI: [10.22271/micro.2024.v5.i1a.129](https://doi.org/10.22271/micro.2024.v5.i1a.129)
- Bhowmick, T., & **Banik, R. D. (2024)**. Influence of alcohol on breast cancer risk. *International Journal of Oncology Research*, 4(1): 09-12, DOI: 10.33545/2664665X.2024.v4.i1a.12
- **Banik, R. D.**, Pal, P., & Baksi, S. (2023). GREEN STRATEGY FOR RECLAIMING ECOSYSTEM: MICROBIAL REMEDIATION OF LEATHER INDUSTRY WASTES. *Journal of survey in fisheries sciences*, 10(IS) 6432-6441, DOI: 10.53555/sfs.v10i1S.2161
- **Banik, R. D.**, Mandal, R. K., Pal, P., Das, B., Baksi S., & Ghosh, S. (2023). Phytotoxicity Study of Biogenic Mono-metallic and Bimetallic (Au-Ag) Alloy NPs. *Journal of Mines, Metals and Fuels*, 71(11): 0-0; 2023, DOI: 10.18311/jmmf/2023/36098
- Nandi, P., & **Banik, R. D. (2023)**. TOXIC COMPONENTS OF PLASTIC POSE CARCINOGENIC THREAT TO PUBLIC HEALTH. *Journal of Advanced Zoology*, ISSN: 0253-7214, DOI: 10.17762/jaz.v44is6.2582
- **Banik, R. D.**, & Pal, P. (2023). Study Of Microbial Impact On Lead Remediation In Industrial Wastewater. *Journal Of Advanced Zoology*, 44(S5), DOI: 10.53555/jaz.v44iS5.3209
- Saha, T., & **Banik, R. D. (2023)**. INFLUENCE OF A POOR LIFESTYLE ON THE DEVELOPMENT OF CYSTS IN WOMEN. *Journal of Advanced Zoology*, ISSN: 0253-7214, DOI: 10.17762/jaz.v44iS6.2697
- **Banik, R. D.**, & Pal, P. (2023). MICROBIAL REMEDIATION AS AN EMERGING INDUSTRIAL WASTEWATER TREATMENT PROCESS FOR ARSENIC EXTENUATION, *Journal of Advanced Zoology*, 44(S6), 1621–1628, DOI: 10.53555/jaz.v44iS6.2581
- **Banik, R. D.**, Dutta, U., Sahani, S., Saha, S., Paul, S., Baksi, S., & Pal, P. (2023). Impact Of Chronic Arsenic Toxicity on Human Health-A Review. *Journal of Survey in Fisheries Sciences*, 10(IS) 6408-6413.

### Book chapter:

- **Banik, R. D.**, Baksi, S., & Pal, P. (2024). Advanced strategies in microbial bioremediation of dyes from industrial wastewater. *Springer nature*. (Submitted)
- **Banik, R. D.**, De, D., & Pal, P. (2023). Horizontal Gene Transfer in the Evolution of Microbial Genomes.
- Pal, P., De D, **Banik, R. D.**, & Paul, S. (2023). An overview of the mechanistic approach to RNA interference.
- De, D., Pal, P., **Banik, R.D.**, Paul, S. (2023). UNRAVELING THE WONDERS OF GENOME SEQUENCING AND IT'S ADVANCE METHOD NEXT GENERATION SEQUENCING.