



# Bioremediation of Heavy Metals from Tannery Wastewater

Stanley Radha\*

*Department of Chemistry and Biochemistry, Jackson State University, Jackson, Mississippi, USA*

---

0000-0001-9151-9151 ORCID: <https://orcid.org/0000-0001-9151-9151> Email: [stanleyradha@jsu.edu](mailto:stanleyradha@jsu.edu)  
The use of microorganisms for the bioremediation of heavy metals from tannery wastewater is a promising approach. However, the use of microorganisms alone has shown limited effectiveness owing to several factors including poor competitiveness as well as the high concentration of heavy metals. This study aims to evaluate the bioremediation of heavy metals from tannery wastewater using a consortium of microorganisms. The results show that the consortium of microorganisms is more effective in the bioremediation of heavy metals from tannery wastewater compared to the use of a single microorganism. The use of a consortium of microorganisms is a promising approach for the bioremediation of heavy metals from tannery wastewater.