

Keynote Talk on Biohydrometallurgy by Prof. Sudhir Kumar in a symposium of WITS University, Johannesburg, SA

Prof. Sudhir Kumar of Biotechnology and Bioinformatics Department delivered an online keynote talk in a symposium on “Bioprocessing: Unlocking Prospects for a Sustainable Future”. This was convened by Prof. Sehliselo Ndlovu of Chemical and Metallurgical Engineering at WITS University, Johannesburg, SA. Prof. Sudhir Kumar’s talk was on Mining Industry future – Biohydrometallurgy. He highlighted the need of academia and industry connect in this field of research. The significant milestones of this area of research, gaps, and leads were discussed.

BIORECOVER
New Materials, Sustainable Solutions

08 AUGUST 2023

Gatehouse, Wits University,
Johannesburg, SA

SYMPOSIUM

“Bioprocessing: Unlocking Prospects for a Sustainable Future”

Bio-processing has been recognized as a greener, cleaner, cheaper and powerful tool that has largely reshaped the base metal processing industry. It is further seen to possess potential to contribute to the extraction of critical metals needed for the green energy transition. Research is ongoing on a global scale with the aim not only to improve process efficiency, but to also gain a deeper understanding of metal-microbe interactions, process thermodynamics, process kinetics, etc. in order to facilitate the ease of transition from lab to plant scale. This symposium seeks to provide a platform for the discussion and sharing of ongoing and emerging bio-processing technologies for the extraction of metals from different sources in order to unlock future opportunities for the metal extraction industry.

Topics for discussion:

- Biomining
- Bio-sustainability
- Biohydrometallurgy
- Metal-microbe interaction
- Bioremediation
- Bio-recovery

Hybrid event and registration is free:
[Register now here](#)

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