



## Bio-Metallurgical Processes and Sustainable Metal Recovery

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (31 October 2021)**

### Message from the Guest Editor

Dear Colleagues,

Bio-metallurgy has developed as a mature field in metal refining, found upon zero-waste solutions and sustainable processes. This Special Issue of *Minerals* on “*Bio-Metallurgical Processes and Sustainable Metal Recovery*” aims to showcase recent advances in

- Heterotrophic and autotrophic bioleaching and metal extraction;
- Biosorption, microbial accumulation, and bio-precipitation of metals;
- Environmental remediation and bio-technology that aim at valorisation of metals from secondary sources;
- Bio-based, integrated processes or green innovations in (bio-)electro-refining and hydrometallurgy.





## Editor-in-Chief

**Prof. Dr. Leonid Dubrovinsky**

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## Message from the Editor-in-Chief

*Minerals* welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

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