

## Special Issue

# Synthesis of Metallic Nanoparticles for Biocatalysis

### Message from the Guest Editors

We are pleased to invite you to contribute to the Special Issue Title: "Synthesis of Metallic Nanoparticles for Biocatalysis". In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: 1. Novel strategies for metallic nanoparticles synthesis 2. Functionalization and stabilization strategies to improve nanoparticle biocompatibility and catalytic efficiency 3. Integration of metallic nanoparticles with enzymes or microbial systems for hybrid biocatalysis 4. Applications in environmental remediation, biosensing, pharmaceutical synthesis, and sustainable chemistry 5. Mechanistic studies and structure-activity relationships in nanoparticle-based biocatalysts This Special Issue aims to highlight advancements that bridge nanotechnology and biocatalysis, enabling more selective, efficient, and sustainable catalytic processes. We look forward to receiving your contributions.

### Guest Editors

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### Deadline for manuscript submissions

30 January 2026



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Prof. Dr. Keith Hohn

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