

## Special Issue

# Nanobiocatalysis and Its Potential Applications

### Message from the Guest Editors

Nanozymes are nanomaterials with intrinsic enzyme-like characteristics that have been booming over the past decade because of their capability to address the limitations of natural enzymes, such as low stability, high cost, and difficult storage. Along with the rapid development and ever-deepening understanding of nanoscience and nanotechnology, nanozymes hold promise to serve as direct surrogates of traditional enzymes by mimicking and further engineering the active centers of natural enzymes. This call includes nanozymes and their biological applications. We are interested in, among others, the design, synthesis, and catalytic mechanism of nanozymes, nanozymes in the detection of pathogenic microorganisms, biomarkers for diseases, and therapeutic applications of nanozymes for antibacterial, anti-inflammation, and anticancer purposes.

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### Deadline for manuscript submissions

closed (30 June 2022)



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