

## Special Issue

# The Fabrication of Micro and Nano Bio-Detection Chips, Sensors and Smart Detectors

### Message from the Guest Editors

This Special Issue titled "The Fabrication of Micro and Nano Bio-Detection Chips, Sensors and Smart Detectors" aims to explore the cutting-edge advancements in the development and application of miniaturized bio-fabrication and bio-detection technologies. With the rapid evolution of biotechnology and materials science, there is a growing need for innovative sensing platforms that can provide accurate, real-time detection of biological analytes at the micro- and nanoscale. This Special Issue invites contributions that focus on novel fabrication techniques, materials development, and integration strategies for bio-detection devices, as well as their application in fields such as healthcare, environmental monitoring, and food safety. We encourage submissions that address both fundamental research and practical applications, highlighting interdisciplinary approaches that enhance the performance and functionality of bio-sensors and smart detectors. By bringing together diverse perspectives and expertise, we aim to foster collaboration and advance the field towards next-generation bio-detection solutions.

### Guest Editors

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### Deadline for manuscript submissions

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## Micromachines

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### Editor-in-Chief

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