



Whole-Cell Biosensors: Recent Advances

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Message from the Guest Editor

This Special Issue is focused on recent advances in the field of whole-cells biosensors. Both review and original research articles are invited. In addition to papers reporting the fabrication and applications of whole-cell biosensors, contributions featuring other areas related to whole-cells biosensors, such as genetic modifications of reporter cell or cell immobilisation or cell surface modifications. In addition, manuscripts reporting technological advances towards more effective whole-cell biosensors, such as development of novel analytical platforms, improvement of data acquisition and introduction of novel measurement or data processing techniques will be considered.

- Whole-cell biosensors
- Diagnostics
- Reporter cells
- Microfluidic biosensing devices
- Electrochemical biosensors
- Cell surface engineering





sensors



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Message from the Editor-in-Chief

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