



Microfluidic Biosensing Platform, Volume II

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Message from the Guest Editor

This Special Issue is a research forum covering recent development and innovations in microfluidic-based biosensors and in-vitro diagnostics with various applications, as well as new fabrication and integration technologies relevant to biosensing and actuation. Researchers working in a wide range of disciplines are invited to contribute research papers, short communications, or reviews that include, but are not limited to, the following:

- Multiplexed bioassays/sensor arrays, including electrochemical, optical, magnetic, and other transduction types;
- Novel microfluidic-based biosensing concepts, mechanisms, and detection principles;
- Lab-on-a-chip and other biochips and microarray systems;
- Low-cost diagnostics;
- Wearable biosensors;
- Advances in instrumentation (including 3D printing, scaffold-based biomimetic systems, Micro total analysis systems (μ TAS)).





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