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## Microfluidic Devices for Biosensing

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submissions:

**closed (31 July 2020)**

### Message from the Guest Editors

Dear Colleagues,

We cordially invite you to submit a paper to this Special Issue of *Micromachines* entitled "Microfluidic Devices for Biosensing".

The field of microfluidics can be quite broad, with multiple applications of the science and technology behind it. However, no matter the application, they all share the need for manipulating micro to picoliters of fluids. This has been particularly important for the field of sensors, and more specifically for biosensors and biodetection, which have taken microfluidics as an essential component to the developments towards lab-on-a-chip, point-of-care (POC), and organ-on-a-chip concepts.

This Special Issue aims to cover all aspects of fabrication of microfluidic-based devices, using all sorts of technologies, from conventional PDMS or paper-based devices to more modern additive manufacturing technologies for their application in biosensing. This Special Issue is particularly focused on applications in biodetection and biosensors but also on related areas for the development of a new generation of microfluidic devices such as valves, cryogeny, micro and nanodroplets generation, computing, etc.



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## Message from the Editor-in-Chief

*Micromachines* (ISSN 2072-666X) is a forum for cutting-edge interdisciplinary research on micro and nanoscale science and technology. We emphasise the practical, real-world value of micro and nanotechnologies that will place *Micromachines* in a leading position among engineering and technology journals.

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