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Recent Advances in Microfluidics-Integrated Optical Biosensors

Guest Editor:

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Deadline for manuscript
submissions:

30 October 2024

Message from the Guest Editor

Dear Colleagues,

The emergence of integrated electronics marks the beginning of the integrated devices era. To successfully integrate them, parts should be smaller and smaller, which has led us to the microworld. The technology of creating microelectronics has brought the strong development of photolithography and photoresists.

We have this Special Issue for gathering the recent advances in the blooming field of integrated optical biosensors and their applications. Manuscripts are warmly welcome that report on the newest advances on topics, included but not limited to:

- Label-free detection;
- All optical biosensors;
- Integrated optical sensory devices;
- Evanescent field-based biosensors (ATR);
- Surface plasmon resonance sensors;
- Bragg Grating Fiber sensors (FBG);
- Integrated optical microcavity sensors.

For more information, please visit: mdpi.com/si/175611

Dr. Sándor Valkai

Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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