



***micromachines***



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## Microfluidics for Healthcare Based Applications

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (15 July 2020)**

### Message from the Guest Editor

Dear Colleagues,

Microfluidic platforms have performed important roles in healthcare applications because they have the capability of manipulating small amounts of fluids. Biofluids such as blood, urine, tear, sweat, and saliva are performing a crucial role to support human health and contain various important biomarkers. Also, mammalian cells in the microscale are basic building blocks of the human body. And, the human body is living with various kinds of microorganism which are also on the microscale. Controlling the biofluids and cells in a precise way allows microfluidics to take an important role in healthcare. Accordingly, this Special Issue is looking for research papers, short communications, and review articles that use microfluidics for the in vitro diagnostics, point of care testing, wearable sensors, implantable device, organ on a chip and biosystems.

Dr. Jungil Choi

*Guest Editor*



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# Special Issue



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