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State-of-the-Art Lab-on-a-Chip Technology

Guest Editor:

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Deadline for manuscript
submissions:

closed (25 April 2024)

Message from the Guest Editor

Dear Colleagues,

Lab-on-a-chip platforms become inexpensive commercial microfluidic platforms that have revolutionized the fields of point-of-care medical diagnostics and other rapid in-field testing for a variety of applications from chemical and biological warfare detection to environmental monitoring. Other cutting-edge LOC platforms have been developed for scalable drug development and testing, genomic and proteomic analysis, stem cell research, chemical synthesis, and a wide range of other applications.

Researchers are encouraged to submit high-quality unpublished original research articles and review articles in the areas of microfluidics, micro- and nano-manufacturing, and applications that are directly relevant to lab-on-chip systems. Topics of particular interest include (but are not limited to):

- microfluidic/nanofluidic devices
- lab on a chip
- μ -TAS
- microfluidics
- micro/nano devices for chemical, biological, and medical applications
- micro- and nano-fabrication

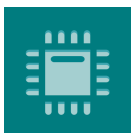


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Special Issue



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Message from the Editor-in-Chief

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