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Special Issue on Microfluidic Technology

Call for Papers

Microfluidics is both the science which studies the behaviour of fluids through micro-channels, and the technology of manufacturing microminiaturized devices containing chambers and tunnels through which fluids flow or are confined. Microfluidics deal with very small volumes of fluids, down to femtoliters (fL) which is a quadrillionth of a liter. Fluids behave very differently on the micrometric scale than they do in everyday life: these unique features are the key for new scientific experiments and innovations. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in this area of **microfluidic technology**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **microfluidic technology**. In this special issue, potential topics include, but are not limited to:

- A microfluidic chip
- A lab-on-a-chip
- Microscale behaviour of fluids
- Continuous-flow microfluidics
- Digital microfluidics
- Optofluidics and microfluidics
- Electrophoresis and microfluidics
- Microfabrication and microfluidics
- Electrochemistry and microfluidics
- Applications of microfluidics

Authors should read over the journal's For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's Paper Submission System.

Please kindly specify the "**Special Issue**" under your manuscript title. The research field "**Special Issue - *Microfluidic Technology***" should be selected during your submission.

Special Issue timetable:

Submission Deadline	March 27th, 2024
Publication Date	May 2024

Guest Editor:

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