



Exploring the Potential Applications of Microfluidics

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Message from the Guest Editor

Microsystems have mostly been conceived of as a discipline related to Microelectronics. The downsizing of electronic systems at the regular scale was perceived as the core principle of micromachining, which was later extended to mechanical components. Microfluidics was not seen as an extension of hydraulic systems but rather as a bio-chemistry-enabling application. However, microfluidics has slowly gained the status of a microsystem with a large range of potential applications. The various applications of microfluidics include bio-medical innovations, processor cooling, and many more. Microfluidics enables fast bio-chemical tests and the production of fluid-like materials, but the full potential of the discipline is far from being achieved. Thus, this Special Issue on microfluidic applications will focus on novel technologies, new results, new applications, novel materials for microfluidics, gas working microfluidics, etc. We will consider any submission related to the fundamental aspect of microfluidics and its engineering.





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Message from the Editor-in-Chief

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