

Special Issue

Application of Microfluidics and Biosensors in Pharmaceutical Research

Message from the Guest Editors

Owing to their ability to manipulate fluids confined in small volumes, ranging from nano- to microlitter, microfluidic systems provide numerous technical advances. The strategy implementation of microfluidics and biosensors in pharmaceutical applications, including drug development, diagnostics technology, point-of-care devices, biological engineering and therapy, and other chemical and biological analysis systems. Due to their flexibility and minimized size, microfluidic devices can be intended to integrate upgrading their functions with different analytical systems and instruments. The advanced behaviors of microfluidics devices, involving portability, automation, and multiplexed channels, allow them to be powerful tools for real-time, safe, and outside diagnostics testing that demand improving clinical outcomes for the pharmaceutical industry. The Special Issue on “Application of Microfluidics and Biosensors in Pharmaceutical Research” aims to showcase the recent fabrication, design strategy, and application of microfluidics and biosensors in the pharmaceutical field.

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Editor-in-Chief

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