

Special Issue

Lab-on-a-Chip—From Point of Care to Precision Medicine (Volume II)

Message from the Guest Editors

Today, Lab-on-a-Chip allows parallel analysis of large numbers of samples, biological molecules (nucleic acids, proteins), cells and drugs. Diffusion of real-time monitoring tools and the identification of personalized drug response profiles are just a few examples that have recently become possible. The aim of this Special Issue is to report on progress and new directions in the field:

- Lab-on-a-Chip
- biosensors
- microfluidics
- miniaturization
- microfluidic and sensing integration
- on-chip diagnosis
- healthcare
- agro-food control
- near-the-bed diagnosis
- point-of-care tests
- predictive and personalized medicine
- low-cost devices
- innovative materials for biosensing

We welcome both research and review papers regarding progress in biosensors, microfluidics, and Lab-on-a-Chip ranging from technological advances to applications in medical diagnostics, agro-food, and environmental monitoring.

Guest Editors

Prof. Dr. Giuseppe Maruccio

Dr. Anna Grazia Monteduro

Dr. Silvia Rizzato

Deadline for manuscript submissions

closed (20 September 2023)



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. Sensors organizes Special Issues devoted to specific sensing areas and applications each year.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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