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Special Issue Reprint

Micro/Nano Devices for Blood Analysis

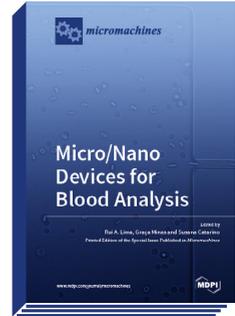
Edited by

Rui A. Lima, Graça Minas and Susana Catarino

mdpi.com/books/pdfview/book/1869

ISBN 978-3-03921-824-0 (Pbk)

ISBN 978-3-03921-825-7 (PDF)



The development of micro- and nanodevices for blood analysis is an interdisciplinary subject that demands the integration of several research fields, such as biotechnology, medicine, chemistry, informatics, optics, electronics, mechanics, and micro/nanotechnologies.

In this Special Issue, we invited contributions (original research papers, review articles, and brief communications) that focus on the latest advances and challenges in micro- and nanodevices for diagnostics and blood analysis, micro- and nanofluidics, technologies for flow visualization, microelectromechanical systems (MEMS), biochips, and lab-on-a-chip devices and their application to research and industry. We hope to provide an opportunity to the engineering and biomedical community to exchange knowledge and information and to bring together researchers who are interested in the general field of MEMS and micro/nanofluidics and, especially, in its applications to biomedical areas.



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