

Special Issue

New Mass Spectrometry Approaches for Clinical Diagnostics

Message from the Guest Editors

Few analytical instruments have a broader range of applications than mass spectrometry, being applied in virtually every scientific discipline. Its sensitivity and specificity provide unsurpassed quality in analytical data. While analytical chemistry remains one of the principal applications of MS, there remains a particular analytical environment where its potential is little used: the world of clinical diagnostics. This Special Issue will consist of a comprehensive review and original research articles featuring important and recent developments in the instrumentation available for clinical diagnostics and potential solutions available from the scientific world, for mass spectrometry-based diagnosis. Keywords

- mass spectrometry (MS)
- clinical analysis
- in vitro diagnostics (IVD)
- newborn screening
- tumor diagnosis
- surgery
- medical devices
- therapeutic drug monitoring (TDM)

Guest Editors

Dr. Enrico Dávoli

Mass Spectrometry Research Center for Health and Environment,
Department of Environmental Health Sciences, Istituto di Ricerche
Farmacologiche Mario Negri IRCCS, 20156 Milano, Italy

Prof. Sen Takeda

Department of Anatomy and Cell Biology, Graduate School of Medicine,
University of Yamanashi, 1110 Shimo-Kateau, Chuo, Yamanashi 409-
3898, Japan

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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