

Special Issue

Research on Advanced Bioanalytical Approaches for Biomolecules Detection

Message from the Guest Editors

Bioanalytical chemistry commonly focuses on advanced techniques and innovative methods and their application in solving medical and clinical, food safety, and environmental control issues. There is an urgent need for rapid, simple, and ultrasensitive detection of molecules by miniaturized and affordable immunoanalytical and bioanalytical systems. Recent advances in nanotechnology, the application of molecularly imprinted polymers in affinity sensors, the miniaturization of bioanalytical systems, and the possibility of multiplex detection of several molecules in a single measurement open up new opportunities compared to the conventional currently used immunoanalytical and bioanalytical methods. This Special Issue of IJMS is focused on the recent progress and cutting-edge solutions applied in immunoanalytical and bioanalytical systems, including biosensors, immunosensors, and affinity sensors. Original research papers, communications, and review articles are welcome.

Guest Editors

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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