



Research on Advanced Bioanalytical Approaches for Biomolecules Detection

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Message from the Guest Editors

Dear Colleagues,

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.





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Message from the Editor-in-Chief

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