

Special Issue

Advances on Bioanalysis: Recent Approaches in the Determination of Biomarkers, Drugs of Abuse and Medicines

Message from the Guest Editors

Analytical tools to determine drugs, drugs of abuse, or biomarkers for the rapid diagnosis of intoxications or diseases are mandatory for every laboratory working in the bioanalytical field. In the last few years, the development of sensible analytical instrumentation has widened the scope of applications of such techniques to several areas. This progress concerning instrumentation was also accompanied by important achievements related to sample preparation approaches. Presenting a very broad scope, this Special Issue welcomes full papers, communications, and review articles on, but not limited to, new developments in bioanalysis, sample preparation, and the development of new detection and quantification of disease biomarkers, toxic agents, and drug monitoring approaches with applications in different analytical fields. This issue will be an excellent collection of papers for academia, or as a reference tool for researchers, particularly those working in the fields of medicine, biotechnology, pharmaceutical sciences, chemistry, and toxicology, including health and industry professionals as well.

Guest Editors

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Prof. Dr. Eugenia Gallardo
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About the Journal

Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts, and novel materials. Pushing the boundaries of the discipline, we invite papers on all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

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