

Special Issue

Improving Knowledge of Pharmacotoxicology and Biomedical Analysis of Drugs of Abuse and New Psychoactive Substances

Message from the Guest Editors

Recent international data on classic drug use patterns, along with the rise of New Psychoactive Substances (NPSs) that carry significant risks due to their unpredictable effects, emphasize the urgent need to tackle the complexities of this issue. In light of this, we invite you to contribute to our Special Issue, which aims to improve the understanding of the molecular mechanisms behind NPSs and drug toxicity, along with the analytical methods applied for their identification and quantification in human matrices. In this Special Issue, original research, letters to the editor, commentaries, and review articles are welcome. Research areas may include the following topics: new validated methods for the determination of NPSs and/or classic drugs of abuse in biological matrices; new strategies adopted for identifying biomarkers of abuse with advanced techniques; alternative biological matrices for substance identification and quantification; cellular toxicity and biochemical changes induced by NPSs; and in vitro studies used to characterize NPS properties. If you need any additional information, please do not hesitate to contact us.

Guest Editors

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Message from the Editorial Board

A major strength of biological science is the diversity of approaches that biological scientists apply to their research problems. *Biology* reflects this diversity and brings together studies employing the varied experimental and theoretical approaches that are fueling biological discovery. *Biology*, the journal, is a fully peer-reviewed publication with a rapid and economical route to open access publication and is listed on PubMed. All articles are peer-reviewed and the editorial focus is on determining that the work is scientifically sound rather than trying to predict its future impact.

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