Drug Analysis and ADMET Characteristics: Opportunity and Challenge

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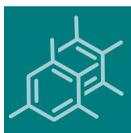School of Pharmacy, Southern Medical University, Guangzhou 510515, China

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Message from the Guest Editors

We are planning this Special Issue of *Molecules*, entitled "Drug Analysis and ADMET Characteristics: Opportunity and Challenge", to collect research and review articles. This Special Issue serves as a comprehensive platform for researchers, scientists, and practitioners to share their cutting-edge contributions and insights into the dynamic landscape of drug analysis and ADMET characteristics. The articles included in this issue cover a wide spectrum of topics, ranging from novel analytical methodologies for drug detection to in-depth investigations into the metabolic pathways of specific drugs. The papers could be focused on, but not limited to, macromolecular drugs, gene therapy drugs, and traditional Chinese medicine. Our contributors delve into the challenges and opportunities presented by the ever-expanding repertoire of pharmaceutical agents, addressing issues such as bioavailability, drug–drug interactions, and the role of metabolism in shaping therapeutic outcomes.

Special Issue

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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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