

Special Issue

Food and Drug Analysis

Message from the Guest Editor

This Special Issue wishes to provide an intellectual platform for scientists to publish review, original research, short communication, etc., covering the topics of bioactive constituents, biological activities, and analytical methodologies in relation to food, drugs, and herbal medicines, as well as related disciplines of topical interest to public health. Food and drug analysis includes the aspects of exploring natural sources as healthy food, characterizing the molecular structures of bioactive principles, identifying novel drugs, assessing their affinity and specificity, and examining their bioactivities in vitro and in vivo. In addition to extensively applied chromatographic methods, nuclear magnetic resonance (NMR) spectroscopy is also used in screening for novel bioactive molecules. Various new sample preparation methods have also been reported, especially for analysis in biological sample matrices, including LLE, SPE, and SPME. All these new analytical methods accelerate research and can make the potential targets available in the near future.

Guest Editor

Prof. Dr. Ping-Chung Kuo

School of Pharmacy, National Cheng Kung University, Tainan, Taiwan

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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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