

Special Issue

Nature-Inspired Scaffolds in Medicinal Chemistry: An Old Push for Modern Drug Discovery—Second Edition

Message from the Guest Editors

Natural products have long served as a source of active ingredients for the treatment of various diseases, becoming the bedrock of traditional medicine. In recent years, increased awareness of nature-related thematics, together with advancements in screening, isolation, and characterization, has driven a renewed interest in natural products research. Natural products are being increasingly used for modern drug design and discovery, resulting in extensive research in the pharmaceutical field with satisfactory outcomes concerning disorders still lacking effective medication. This Special Issue invites contributions in the following areas:

- Extraction, characterization, and semi-synthesis of natural metabolites and bioactive compounds with nature-derived scaffolds;
- Bioactivity of natural/semisynthetic compounds against relevant disease conditions and how their therapeutic effect is exerted;
- Synthetic ways to obtain natural bioactive molecules or optimized analogs;
- Incorporation of biologically active natural/semisynthetic compounds in polymeric matrixes for the preparation of new bioactive materials

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Message from the Editor-in-Chief

Chemistry is a broad science and in *Chemistry* we hope to showcase the excellence of this fundamental discipline. Open Access publishing allows scientists to publish their research in a way that reaches the widest possible audience. In *Chemistry* we aspire to build a genuinely transdisciplinary culture in which communication of results between scientists active in different areas and between scientists and the broader public highlights the benefits that chemistry can bring to society. We encourage papers on all aspects of chemistry ranging from astrochemistry to zoochemistry, with everything in between. We also very strongly welcome inter- and multidisciplinary papers which expand the subject beyond its present horizons. We also welcome themed issues collecting reviews and state-of-the-art papers in topical areas of chemical science.

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