



Natural Products for Drug Discovery and Development

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Deadline for manuscript
submissions:

closed (30 April 2023)

Message from the Guest Editors

Natural products are defined as chemical compounds produced by living organisms, including plants, animals, insects and microbes. For many years, natural products and their structural analogs have played key roles in drug discovery and development for many therapeutic areas, such as cancer, infectious diseases, cardiovascular diseases and metabolic disorders. Some best-known examples include penicillin from *Penicillium* moulds as antibiotics, artemisinin from the plant *Artemisia annua* for malaria, α -conotoxin MVIIA from marine snail *Conus magus* for pain, and paclitaxel from the plant *Taxus brevifolia* for cancer.

This Special Issue in *Processes* devoted to "Natural Products for Drug Discovery and Development" invites high-quality research papers and reviews focusing on the new understandings and technologies in natural product research for drug discovery and therapeutic applications.

Topics of interest include, but are not limited to:

- Discovery, identification and biological evaluation of natural products;
- Structure–activity relationship;
- Target identification;
- Molecular mechanisms;
- New technologies to improve the drug discovery process of natural products.





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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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