



## Design and Development of New Organic Synthetic Methods and Techniques

Guest Editors:

**Dr. Ting Wang**

Department of Chemistry, State  
University of New York at Albany,  
Albany, NY 12222, USA

**Dr. Li Xiao**

ASO Process Development and  
Manufacturing Biogen,  
Cambridge, MA 02142, USA

Deadline for manuscript  
submissions:

**31 August 2024**

### Message from the Guest Editors

Dear Colleagues,

The continuous development of new organic synthetic methods and techniques is of great importance in medicinal chemistry and drug discovery, material sciences, agriculture sciences, etc. As a result, tremendous efforts have been made regarding both novel synthetic method development and new synthetic technique exploration. In the past several decades, a great number of novel synthetic areas have been explored, such as organocatalysis, photoredox catalysis, and electrocatalysis. Meanwhile, new synthetic techniques and instruments have also been developed, such as flow chemistry and flow reactors, microwave-assisted reactions and associated reactors, photoreactions and photoreactors, and electroreactions and electroreactors. Some of these new synthetic methods and techniques have already been utilized in industrial settings. This Special Issue aims to publish the latest research results dedicated to all aspects of new discoveries of organic synthetic methods and techniques, including, but not limited to, the discovery of new chemical transformations, catalyst development, technique development, etc.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Wim Dehaen

Molecular Design and Synthesis,  
Department of Chemistry, KU  
Leuven, Leuven Chem&Tech,  
Celestijnenlaan 200F, B-3001  
Leuven, Belgium

## Message from the Editor-in-Chief

*Organics* is a new open-access journal that offers rapid dissemination of innovative, informative, and impactful results in every aspect of organic chemistry, with a particular emphasis on new or significantly improved research results in the field of organic chemistry. The aim of this journal is to encourage scientists to publish their experimental and theoretical results in great detail to facilitate the advancement of organic chemistry. Sample research topics that span the journal's scope are organic synthesis, synthetic methodology, theoretical organic chemistry, physical organic chemistry, supramolecular and macromolecular chemistry, heterocyclic chemistry, organocatalysis, bioorganic chemistry, organometallic chemistry, functional organic materials, etc. We are flexible with the types of manuscripts accepted, including original research articles, short communications, highlights of new developments and insightful critical reviews.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [ESCI \(Web of Science\)](#), [CAPlus / SciFinder](#), and [other databases](#).

**Rapid Publication:** manuscripts are peer-reviewed and a first decision is provided to authors approximately 27.5 days after submission; acceptance to publication is undertaken in 12.6 days (median values for papers published in this journal in the second half of 2023).

## Contact Us

*Organics* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/organics](https://mdpi.com/journal/organics)  
[organics@mdpi.com](mailto:organics@mdpi.com)  
[X@organics\\_mdpi](https://twitter.com/organics_mdpi)