

## Special Issue

# Deep Eutectic Solvents in Organic Synthesis

### Message from the Guest Editor

Deep Eutectic Solvents (DES) are an interesting family of solvents that have attracted attention as a less expensive and often less toxic alternative to room temperature ionic liquids. While many applications of DES have been explored, particularly their use in electroplating and metal recovery as well as natural product extraction, attention to their use as solvent replacements for conventional organic solvents in the area of synthesis has found less attention. This situation is unfortunate as earlier work demonstrated significant promise as DES are generally inexpensive and pose fewer hazards (low volatility and reduced risk of exposure), as well as some interesting opportunities for DES recycling and DES-based catalytic features that eliminate the need for other stoichiometric reagents. They could have particular benefit in many metal-catalyzed reactions as well as the reemerging area of electrosynthesis.

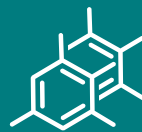
### Guest Editor

Prof. Dr. Scott Handy

Department of Chemistry, Middle Tennessee State University,  
Murfreesboro, TN 37132, USA

### Deadline for manuscript submissions

closed (30 April 2019)



## Molecules

an Open Access Journal  
by MDPI

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/17793](https://mdpi.com/si/17793)

*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto:molecules@mdpi.com)

[mdpi.com/journal/  
molecules](https://mdpi.com/journal/molecules)





# Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/journal/  
molecules](https://mdpi.com/journal/molecules)



## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of 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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Reaxys, CaPlus / SciFinder, MarinLit, AGRIS, and other databases.

#### Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).