

Indexed in: PubMed



an Open Access Journal by MDPI

Deep Eutectic Solvents in Organic Synthesis

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)

Message from the Guest Editor

Dear Colleagues,

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 electrosynthesis.

Prof. Dr. Scott Handy *Guest Editor*













an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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.

Author Benefits

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

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

Journal Rank: JCR - Q2 (Chemistry, Multidisciplinary) / CiteScore - Q1 (Chemistry (miscellaneous))

Contact Us