

## Special Issue

# Ionic Liquids and Deep Eutectic Solvents in Green Chemistry

### Message from the Guest Editors

In numerous industrial processes, significant amounts of volatile and flammable organic solvents are utilized in various reaction systems and separation steps, heavily influencing both the environmental and economic performance of these processes. Consequently, an expanding field of research in the realm of green chemistry focuses on creating new, environmentally friendly, and adaptable solvents that satisfy both technological and economic requirements.

Among the proposed solvents, ionic liquids (ILs) and deep eutectic solvents (DESs) have garnered significant attention due to their negligible vapor pressure, high thermal stability, and tunable properties, making them ideal for various applications. A state-of-the-art analysis shows their consistent growth in the fields of chemical synthesis and catalysis, extraction and separation processes, electrochemistry and energy storage, food technology, and life sciences.

This Special Issue will delve into the latest research and developments in IL- and DES-assisted technologies, evaluating their potential to transform industrial processes and meet future environmental and economic challenges.

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### Guest Editors

Prof. Dr. Marina Cvjetko Bubalo

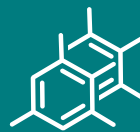
Prof. Dr. Ivana Radojčić Redovniković

Dr. Ana Jurinjak Tušek

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### Deadline for manuscript submissions

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## Molecules

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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.

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