# Special Issue

# Structural Characterization of Marine-Derived Compounds

### Message from the Guest Editors

Organic molecules with chiral centers are commonly found in natural products research. Therefore, stereochemical elucidation of natural products is an important prerequisite for novel drug research and development. To date, many methods including general nuclear magnetic resonance parameters (NMR) spectroscopic experiment, chemical reactions, quantum chemical calculations, X-ray diffraction, and others or various combinations of these have been used to assign configurations of natural products. However, the configurations are still a challenge due to unstable conformations. Some compounds were not identified correctly. For example, some NOESY data could give a confused relationship because of the complex multiring system or more than one stable confirmation. Otherwise, there is a strong need for improving the configuration determination methods. A correct configuration assignment of the right compound is crucial for the structure determination and related research. Additionally, it is an intriguing and state-of-the-art research topic.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 November 2022)

**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.

## Editor-in-Chief

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