# Special Issue

# NMR Spectroscopy in Natural Product Structure Elucidation

**Message from the Guest Editor**

NMR-Spectroscopy is the most important technique used in the process of structure elucidation of organic natural products. The tremendous development of sophisticated 1D and 2D-pulse techniques over the past three decades allows deep insights into the constitution, configuration, and conformation of complex organic molecules on a routine basis. The bottleneck nowadays can be found in the interpretation of the measured spectra despite the fact that sophisticated spectrum prediction and structure verification software is around.

The aim of this Special Issue is to highlight the recent advances in the combined application of sophisticated NMR-techniques together with computer-assisted structure elucidation tools to actual challenges in the field of organic natural products. The authors are invited to make use of programs of their choice performing, e.g., spectrum prediction, structure verification, and isomer generation applied to their structure elucidation problems based on high-level NMR-techniques.

**Guest Editor**

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**Deadline for manuscript submissions**

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## 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.

## Editor-in-Chief

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