

## Special Issue

# The Development and Application of Covalent Chemical Probes

### Message from the Guest Editor

Covalent chemical probes are central tools in chemical biology. These range from probes that are metabolically incorporated into proteins, to probes for photoaffinity labeling of targets and electrophilic probes for activity-based protein profiling. This special issue will collect research articles and high-quality review papers on the topic of the design, synthesis and application of covalent chemical probes for labeling of enzyme or protein targets.

### Guest Editor

Prof. Dr. Steven Verhelst

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### Deadline for manuscript submissions

closed (31 January 2022)



## Molecules

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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.

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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).