

## Special Issue

# New Metalating Agents: Design, Synthesis and Applications

### Message from the Guest Editor

Metalating agents are essential in most synthetic chemists' toolkits since they allow the selective and efficient functionalization of a wide range of organic substrates including aliphatic and (hetero) aromatic compounds. The growing need for complex scaffolds and fine chemicals, urges the chemists to design always more sophisticated metalating agents including main group metals. This Special Issue is intended to cover the last developments in the field focusing not only on the synthetic applications but also on reactivity, structural and mechanistic investigations from the experimental and theoretical point of views.

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### Guest Editor

Dr. Philippe C. Gros  
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### Deadline for manuscript submissions

closed (31 August 2020)



## Molecules

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### 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

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