

## Special Issue

# Saponin-Rich Plant Extracts: Properties and Application

### Message from the Guest Editor

Saponins are secondary metabolites produced mostly by plants. The number of possible saponin structures is almost unlimited, constantly challenging analytical chemists, who struggle with the lack of analytical standards for saponins. Our understanding of the chemical, physicochemical, and biological activity of saponins has recently improved, mainly due to the recent progress in the development of analytical tools but also due to the increasing interest in natural products. Saponins extracted from plants offer several advantages over many currently dominant synthetic surfactants, foaming and emulsifying agents, and pharmaceutical and food ingredients. In parallel to characterizing and finding new applications for both the already-known and the newly identified saponins, our efforts should also focus on improved and sustainable methods for their extraction. For this Special Issue, we welcome studies that present research outcomes on all aspects of saponin-rich plant extracts, including but not limited to the topics mentioned above.

### Guest Editor

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### Deadline for manuscript submissions

closed (31 January 2022)



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CiteScore 8.6  
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### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 29th 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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