

Joint Special Issue

Tetrapyrrolic Macrocycles: Synthesis, Functionalization and Applications 2020–2021

Message from the Guest Editors

Natural and synthetic macrocycles, like porphyrins, corroles, and phthalocyanines, among others, are considered strong and extremely versatile candidates to be used in different fields, such as catalysis, molecular recognition and sensing, medicine (e.g., photodynamic therapy, medical imaging, theranostic) and in the development of advanced biomimetic models and functional materials. All these applications are strongly dependent on the availability of compounds with adequate and specific structural features and can consequently justify the high investment of different researcher groups to synthesize and modify natural and synthetic porphyrin derivatives or analogues and also to assess their photochemical/photophysical and biological properties, among others. This Special Issue, following the success of the previous ones in 2016 and 2018, aims to provide a forum for the dissemination of the latest information on the synthesis and functionalization of tetrapyrrolic macrocycles and their potential applications in different fields.

Guest Editors

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Deadline for manuscript submissions

closed (31 December 2021)

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