Special Issue

Calixarenes, Pillararenes, and Cucurbiturils

Message from the Guest Editors

Calixarenes, pillararenes and cucurbiturils are all structurally similar yet versatile macrocycles. Different sizes of each are now readily accessible, and this has allowed their properties to be investigated. Results to date indicated their ability to exhibit useful host-guest properties, which has led to applications in areas such as sensors. Furthermore, these macrocycles can act as ligands and their coordination chemistry is now opening up new avenues of research in catalysis, medicine and beyond. In this Special Issue, we welcome research articles in all areas concerned with these three types of macrocycles and related systems including new synthetic routes, structural aspects and applications.

Guest Editors

Dr. Peter Cragg

School of Pharmacy and Biomolecular Sciences, University of Brighton, Brighton, UK

Prof. Dr. Carl Redshaw

Department of Chemistry, University of Hull, Hull, UK

Deadline for manuscript submissions

closed (31 August 2017)



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Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

mdpi.com/journal/molecules





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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.

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical Biology and Phytochemistry, University of Münster, Corrensstrasse 48, D-48149 Münster, Germany

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