



## Synthesis and Molecular Recognition of Macrocyclic Compounds

Guest Editor:

**Prof. Dr. Peter Huszthy**

Department of Organic  
Chemistry and Technology,  
Budapest University of  
Technology and Economics,  
Szent Gellért tér 4, 1111  
Budapest, Hungary

Deadline for manuscript  
submissions:

**closed (28 February 2022)**

### Message from the Guest Editor

The molecular recognition of biomolecules is a ubiquitous and vital phenomenon in nature. This phenomenon can also be engineered into synthetic molecules such as macrocycles.

Studies on molecular recognition using macrocycles such as crown ethers, cryptands, calixarenes, cyclodextrin derivatives, spherands, cavitands, cyclophanes, cucurbiturils, catenanes, rotaxanes, and many others are not only important because they help us to better understand its working in nature, but also because these studies can lead to the development of effective sensor and selector molecules and catalysts with wide applications.

This Special Issue focuses on the synthesis and molecular recognition of macrocycles and their applications as sensors, selectors, and catalysts.





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## Editor-in-Chief

### **Prof. Dr. Thomas J. Schmidt**

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

## Message from the Editor-in-Chief

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*Molecules* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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