

## Special Issue

# The Preparations and Applications of Organophosphorus Compounds

### Message from the Guest Editors

Organophosphorus compounds are not only indispensable substances to maintain the normal existence of life but also have a wide range of applications in nucleic acids, coenzymes, organophosphorus nerve gases, organophosphorus insecticides, organophosphorus fungicides, organophosphorus herbicides, chemotherapeutic agents, plasticizers, antioxidants, surfactants, complexants, organophosphorus extractants, flotation agents, flame retardants and more. This Special Issue entitled "The Preparations and Applications of Organophosphorus Compounds" aims to present all aspects of the current original research, from synthetic methodology to catalysis, and from materials to biologically active compounds. It is my great pleasure to invite experts in the field of organophosphorus chemistry to submit manuscripts in the form of articles and comprehensive reviews to this Special Issue.

### Guest Editors

Prof. Dr. K. Michał Pietrusiewicz

Department of Organic Chemistry and Crystallochemistry, Faculty of Chemistry, Institute of Chemical Sciences, Maria Curie-Skłodowska University, Lublin, Poland

Prof. Dr. Oleh Demchuk

Centre for Interdisciplinary Research, Faculty of Science and Health, The John Paul II Catholic University of Lublin, Lublin, Poland

### Deadline for manuscript submissions

15 October 2025



## Molecules

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*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto:molecules@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th 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 multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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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

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