



Current Opinion in Polysaccharides

Collection Editors:

Dr. Cédric Delattre

Prof. Dr. Paolina Lukova

Dr. Guillaume Pierre

Message from the Collection Editors

Dear Colleagues,

This new Topical Collection of the *Polysaccharides* journal aims to collect only review papers on polysaccharides exploration (from all current bioresources such as microbes/bacterias, animals, microalgae, seaweeds, and plants), description (structures, post-modification, etc.) and applications (bioprinting, active biomolecules, materials, etc.). Consequently, as collection editors, we request all scientists working in the polysaccharides field to contribute to this Topical Collection called “Current Opinions in Polysaccharides” by submitting exclusively review papers on all the main polysaccharide and oligosaccharide topics, such as pharmaceutical (bioactive polysaccharides and oligosaccharides, hydrogels, bioinks, etc.), food packaging (films, smart material, etc.), agriculture (biofertilizers, bioelicitors, etc.), etc. from physicochemical and/or enzymatic processes. In this Topical Collection, biological mechanisms, bioprocesses, and structural characterizations are mainly welcome.

Dr. Cédric Delattre
Prof. Dr. Paolina Lukova
Dr. Guillaume Pierre
Collection Editors





an Open Access Journal by MDPI

Editor-in-Chief

**Prof. Dr. Karin Stana
Kleinschek**

Institute for Chemistry and
Technology of Biobased
Systems, Graz University of
Technology, 8010 Graz, Austria

Message from the Editor-in-Chief

Polysaccharides and their derivatives are ubiquitous biopolymers, and therefore, in recent years, their potential use has increasingly been explored. *Polysaccharides* are still the biggest class of biopolymers used in classical industries such as the paper and textile industries. The progress and fundamental aspects of the new synthesis pathways and derivatization routes, characterization, properties, as well as processing of polysaccharides are important for their possible application in modern sustainable functional materials and future green technologies. *Polysaccharides* is a new open access journal that will provide the rapid publication of scholarly articles on studies related to polysaccharides. Its mission is to publish cutting-edge articles, encouraging the application of a sustainability-based approach to many complex, interesting phenomena and breaking boundaries among different disciplines.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [ESCI \(Web of Science\)](#), [Scopus](#), [FSTA](#), [CAPlus / SciFinder](#), and [other databases](#).

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 25.4 days after submission; acceptance to publication is undertaken in 4.5 days (median values for papers published in this journal in the second half of 2025).

Contact Us

Polysaccharides Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/polysaccharides
polysaccharides@mdpi.com