

## Special Issue

# Polysaccharides as Drug Candidates

### Message from the Guest Editor

Polysaccharides are polymeric carbohydrates, which can be described as non-digestible fibers (or prebiotics), and in recent years, they have attracted attention because of their health benefits. These molecules are extracted from the most diverse sources, present a wide structural diversity, and can act by different mechanisms, providing several interesting activities. Notably, recent studies have shown that polysaccharides have, for instance, anti-inflammatory, immunomodulatory, antioxidant, antibacterial, anticarcinogenic, and anticoagulant activities, with high safety, and thus could be applied for the treatment of various pathologies. For our Special Issue, we welcome original research focus on any aspects of: -Advances and challenges in the application of polysaccharides or polysaccharides extracts; -Extraction/isolation and identification of bioactive polysaccharides or polysaccharides extracts, with pharmacological applications; -Benefits and safety of bioactive polysaccharides or polysaccharides extracts; - Bioactivity of polysaccharides or polysaccharides extracts for the development of new drugs.

### Guest Editor

Dr. Daniele Maria-Ferreira

Programa de Pós-Graduação em Biotecnologia Aplicada à Saúde da Criança e do Adolescente, Faculdades Pequeno Príncipe, Curitiba, Brazil

### Deadline for manuscript submissions

closed (25 March 2024)



## Pharmaceuticals

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### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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