

Special Issue

Biomedical Applications of Marine Polysaccharides

Message from the Guest Editors

Marine polysaccharides, which are complex carbohydrates derived from various marine sources have gained significant attention in biomedical applications due to their unique properties and potential therapeutic benefits. A few key areas where marine polysaccharides have found utility include drug delivery systems, tissue engineering, wound healing, anti-inflammatory and immunomodulatory agents, anticoagulant and antithrombotic applications, antioxidant and anticancer activities, dental applications, gastrointestinal health, vaccine adjuvants, and diagnostic tools.

Hence, this Special Issue is dedicated to collecting original research articles or reviews regarding the use of marine polysaccharides in biomedical applications is an evolving field of research, and ongoing studies continue to explore their potential in various medical and healthcare contexts. Their natural origins, biocompatibility, and diverse properties make them promising candidates for a wide range of therapeutic and diagnostic applications.

Guest Editors

Dr. Sabyasachi Das

Dr. Pazhanichamy Kalailingam

Dr. Vijai S. Krishnan

Dr. Suresh Veeraperumal

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

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Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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