

Special Issue

Pharmaceutical Biotechnology

Message from the Guest Editors

There are countless macromolecules or nanocomposites with antioxidant, anticancer, anti-inflammatory, and antimicrobial activity or even used as venom/antivenom. However, their application in in vivo systems has been limited by physiological conditions and proteolytic enzymes during transport. Therefore, nanotechnology is used as a tool to protect and help to improve both their biological activity, as well as transport to the target. This Special Issue aims to highlight the application of bioactive substances derived from nature (such as flavonoids, terpenoids, etc.); synthesized (as biomacromolecules, peptides, conjugates, nanocomposites, etc.); or isolated (such as toxins, proteins, lipids, enzymes, etc.), with promisingly high pharmacological and therapeutic activity. For this, studies of physicochemical characterization, pharmacology and enzymology parameters, drug delivery, biological activity, and in vitro/in vivo studies are accepted. It is hoped that the articles published in this Special Issue will be able to solve the current challenges facing society, aid the discovery and understanding of drugs, as well as showcase recent advances in nanobiotechnology.

Guest Editors

Dr. Fernando Rogério Pavan

School of Pharmacy, São Paulo State University (UNESP), Araraquara-Jaú Road, Araraquara 148000-903, SP, Brazil

Dr. Andreia Bagliotti Meneguim

Department of Drugs and Pharmaceutics, School of Pharmaceutical Sciences, São Paulo State University (UNESP), Araraquara 14800-903, São Paulo, Brazil

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in Biomedicine (IRB Barcelona), The Barcelona
Institute of Science and Technology, 08028 Barcelona, Spain

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