

Special Issue

New Advances in Natural Product Research for Drug Discovery and Therapeutics

Message from the Guest Editors

This Special Issue will highlight the growing significance of natural products as a pivotal resource in the development of novel therapeutic agents. Historically, natural products have played a foundational role in drug discovery, serving as direct sources of pharmaceuticals or as structural templates for the synthesis of bioactive compounds. In recent years, there has been a resurgence of interest in this field, driven by advances in analytical techniques, genomics, metabolomics, and bioinformatics, which have collectively enabled the identification and characterization of previously inaccessible or overlooked natural compounds.

We invite original research articles, reviews, and short communications that explore new natural product sources, elucidate mechanisms of action, present novel methodologies for compound isolation or structure elucidation, or demonstrate therapeutic potential in medical areas. A special emphasis will be placed on interdisciplinary approaches combining traditional knowledge with cutting-edge technologies, as well as on the sustainable exploration of biodiversity-rich environments.

Guest Editors

Dr. Luciana R. Tallini

Department of Biology, Health and Environment, Faculty of Pharmacy and Food Sciences, University of Barcelona, 08028 Barcelona, Spain

Dr. Laura Torras-Claveria

Departament de Biologia, Sanitat i Medi Ambient, Facultat de Farmàcia i Ciències de l'Alimentació, University of Barcelona, 08028 Barcelona, Spain

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

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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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