

Special Issue

Cutting-Edge Biotechnologies and Applications of Natural Products in Drug R&D and Disease Treatment

Message from the Guest Editor

Recent advancements in biotechnology have revolutionized drug research and development (R&D), unlocking the therapeutic potential of natural products. This Special Issue will explore the intersection of cutting-edge biotechnologies and natural product-based drug discovery, focusing on innovative approaches to treating various diseases. This Special Issue will highlight the novel biotechnological strategies that are accelerating the development and formulation of potent natural therapeutic agents. Additionally, we will examine the role of natural products in addressing emerging health challenges, such as antimicrobial resistance, cancer, neurodegenerative disorders, and metabolic diseases. Contributions will also explore advances in drug formulation, delivery systems, and bioavailability enhancement, ensuring that natural-product-derived therapies reach their full potential in clinical applications. We invite the submission of original research articles, reviews, and perspectives that shed light on innovative methodologies and applications shaping the future of drug discovery and disease treatment.

Guest Editor

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Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*. *Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us. We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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