

Special Issue

Sustainable Approaches and Strategies for Bioactive Natural Compounds

Message from the Guest Editors

The growing demand for sustainability has driven research towards naturally derived compounds. This paradigm promotes the valorization of renewable biological resources, reducing waste and environmental impact while fostering innovative therapeutic solutions. Advances in biochemistry and computational biology play a pivotal role in identifying, optimizing, and characterizing natural compounds. Biochemical approaches enable the elucidation of the molecular mechanisms underlying bioactivity, facilitating the rational design of enhanced bioactive molecules. This Special Issue aims to highlight interdisciplinary research integrating biochemical and computational strategies for the discovery of bioactive natural compounds. As the editor of this Special Issue, I invite researchers to contribute original research articles, reviews, mini-reviews, and perspective papers that showcase pioneering circular bioeconomy principles and cutting-edge scientific methodologies that contribute to the development of sustainable solutions.

Guest Editors

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Dr. Anna Visibelli

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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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