



Natural Products: Nature's Blueprint for Drug Design and Metabolism Enhancement

Guest Editors:

Dr. Andres Fernando Gonzalez Barrios

Group of Product and Process Design, Department of Chemical and Food Engineering, Universidad de los Andes, Bogotá 111711, Colombia

Prof. Dr. Luke E. K. Achenie

Department of Chemical Engineering, Virginia Tech (Virginia Polytechnic Institute and State University), Blacksburg, VA 24061, USA

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Message from the Guest Editors

The primary focus of this Special Issue is to explore the exceptional potential of natural products in drug design and metabolism. Natural products sourced from a wide array of biological origins, such as plants, marine life, and microorganisms, are renowned for their intricate chemical structures and medicinal properties. Our goal is to highlight the distinctiveness of these natural compounds compared to traditional synthetic drugs, emphasizing the wealth of structural diversity they offer for drug discovery and metabolism enhancement.

We encourage contributions that elucidate the synergy between natural products and contemporary drug discovery methodologies, encompassing fields such as medicinal chemistry, pharmacology, pharmacokinetics, machine learning, pharmacophore, and high-throughput screening.





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Editor-in-Chief

Dr. Amedeo Lonardo

1. Formerly Director of the Simple Operating Unit "Metabolic Syndrome", Azienda Ospedaliero-Universitaria, 41126 Modena, Italy
2. Formerly Professor of Internal Medicine, School of Specialization of Allergy and Clinical Immunology, University of Modena and Reggio Emilia, 41121 Modena, Italy

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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Contact Us

Metabolites Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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metabolites@mdpi.com
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