



Advances in Bioactive Peptides from Natural Sources: Characterization, Biological Targets and Promising Applications

Guest Editors:

Dr. Daniel Dias Rufino Arcanjo

LAFMOL–Laboratory of Functional and Molecular Studies in Physiopharmacology, Department of Biophysics and Physiology, Federal University of Piauí, Teresina 64049-550, Brazil

Prof. Dr. José Roberto de Souza de Almeida Leite

Research Center in Applied Morphology and Immunology (NuPMIA), Faculty of Medicine (FM), University of Brasília (UnB), Brasília 70910-900, DF, Brazil

Dr. Alexandra Plácido

LAQV/REQUIMTE, Department of Chemistry and Biochemistry, Faculty of Sciences, University of Porto, 4169-007 Porto, Portugal

Deadline for manuscript submissions:

20 November 2024

Message from the Guest Editors

Studies on the pathophysiological mechanisms of envenoming and molecular characterization of toxins from the *Bothrops jararaca* snake venom resulted in the relevant discovery of bradykinin and bradykinin-potentiating peptides (BPPs), recognized by the first natural inhibitors of angiotensin I-converting enzyme (ACE) and model for the development of captopril, the first ACE inhibitor and the first commercially available drug for the treatment of arterial hypertension. In this sense, several peptides obtained from the venoms of amphibians, snakes, scorpions, and spiders have been reported in the literature as important bioactive compounds with important pharmacological effects and potential therapeutic applications. The aim of this Special Issue is to report current advances in bioactive peptides from natural sources, focusing on their characterization, biological targets, and promising applications. We are pleased to invite you to submit original research articles and reviews. Research areas may include (but are not limited to) the discovery and characterization of novel bioactive peptides, including pharmacological studies and development of bioproducts.





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Editor-in-Chief

Prof. Dr. Patrick J. Sinko

Department of Pharmaceutics,
Ernest Mario School of
Pharmacy, Rutgers University,
Piscataway, NJ 08854, USA

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Pharmaceutics Editorial Office
MDPI, St. Alban-Anlage 66
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