

Special Issue

Bioactive Peptides and Proteins: Emerging Trends in Biomedical Sciences

Message from the Guest Editors

The discovery and design of peptides and proteins have garnered significant interest in the biopharmaceutical field. These molecules exhibit numerous advantages, including antimicrobial, immunomodulatory, antioxidant and anti-inflammatory activities, along with the ability to be engineered for enhanced stability and targeted delivery. The exploration of new sources, rational drug design and advanced techniques in the optimization of peptide and protein structures are driving the development of more efficient and safer bioactive compounds, leading to innovative therapeutic applications for human and animal health. This Special Issue will explore new sources of and methods for the discovery of bioactive peptides and proteins, develop advanced techniques of rational drug design, optimize peptide and protein structures, enable future advancements in delivery systems for bioactive molecules and evaluate therapeutic applications.

Guest Editors

Dr. David Ramirez
Dr. Claudio Álvarez
Dr. Paula Andrea Santana

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

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Prof. Dr. Patrick J. Sinko

Ernest Mario School of Pharmacy, Rutgers, The State University of New Jersey, William Levine Hall, Room 225C, 160 Frelinghuysen Road, Piscataway, NJ 08854-8020, USA

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