

## Special Issue

# Peptide Biomaterials for Pharmaceutical Applications

### Message from the Guest Editors

Peptides are small molecules consisting of a couple or several amino acids coupled through peptide bonds. They have important uses in living organisms as hormones and chemical messengers and can be used for the design of novel therapies and innovative pharmaceuticals. The emergence of innovative engineered proteins, peptide biopolymers and peptide-based biomaterials for novel drug delivery, drug development, biosensors or tissue regeneration has encountered important challenges, such as their chemical and physical fragility (rapid degradation), poor or limited solubility and scarce permeability. The aim of this Special Issue is to offer to our readers an updated and comprehensive glimpse of the recent in vitro and in vivo uses of peptide-based biomaterials for pharmaceutical applications. We invite full papers, communications and reviews covering topics related to the keywords below.

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### Guest Editors

Dr. Miguel Mendez-Rojas

Dr. Sergio Alberto Bernal Chavez

Dr. Sergio Alcalá Alcalá

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### Deadline for manuscript submissions

closed (25 September 2025)



## Pharmaceuticals

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*Pharmaceuticals*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[pharmaceuticals@mdpi.com](mailto:pharmaceuticals@mdpi.com)

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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*.

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We hope to handle your contribution to *Pharmaceuticals* soon.

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### Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

Departamento de Química e Bioquímica (DQB) e Centro de Química Estrutural (CQE), Institute of Molecular Sciences, Faculdade de Ciências, Universidade de Lisboa, Lisboa, Portugal

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