

## Special Issue

# New Applications and Developments in Synthetic Peptide Chemistry

### Message from the Guest Editors

In this Special Issue, we wish to focus on the novel experimental and theoretical approaches for peptide design and development, with particular attention being paid to the solid phase synthesis of natural peptides, PNA, nucleopeptides, peptoids and more general peptide analogs. However, contributions to the solution synthesis of amino acid monomers as building blocks for peptide chain elongation, as well as peptide-nucleic acid and peptide-protein interaction, peptide aggregation, nucleoamino acid and nucleopeptide chemistry, peptide-metal complexes and antimicrobial poly-amino acids are also welcome, as they could improve overall knowledge with regard to the amino acid-based chemistry at the interface between peptide design and pharmaceutical applications.

This Special Issue is open to the submission of both original articles and reviews that describe research and ideas on themes treated in this issue for new applications and developments in synthetic peptide chemistry.

---

### Guest Editors

Dr. Giovanni N. Roviello

Institute of Biostructures and Bioimaging, Italian National Council for Research (IBB-CNR), Via P. Castellino 111, 80131 Naples, Italy

Dr. Rosanna Palumbo

Istituto di Biostrutture e Bioimmagini, Naples, Italy

---

### Deadline for manuscript submissions

closed (30 May 2023)



## Pharmaceuticals

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.8  
CiteScore 7.7  
Indexed in PubMed



[mdpi.com/si/82686](https://mdpi.com/si/82686)

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

[mdpi.com/journal/  
pharmaceuticals](https://mdpi.com/journal/pharmaceuticals)





## Pharmaceuticals

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.8  
CiteScore 7.7  
Indexed in PubMed



[mdpi.com/journal/  
pharmaceuticals](https://mdpi.com/journal/pharmaceuticals)



## About the Journal

### 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*.

*Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us.

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

---

### 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

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Pharmacology and Pharmacy) / CiteScore - Q1 (Pharmaceutical Science)