

Special Issue

Small Molecules and Peptides in Drug Discovery

Message from the Guest Editors

For small molecules that act in the nervous system, brain bioavailability is an important challenge. Most drugs reach the brain predominantly through a non-saturable mechanism of transcellular diffusion that increases the interest in their development as therapeutics tools. On the other hand, some neuroprotective drugs show limited therapeutic efficacy due to ineffective transport across the blood–brain barrier. Peptide-based therapeutics have a relevant role in the treatment of neurodegenerative diseases and cancer, especially when the main challenge is represented by the modulation of large and relatively flexible surface areas.

In this Special Issue entitled “Small Molecules and Peptides in Drug Discovery”, we wish to focus on the design, synthesis, and application of synthetic as well as natural-based small molecules and peptides for successful therapies against neurodegenerative diseases and cancer, particularly those involving protein–protein interactions and membrane passage issues.

Guest Editors

Dr. Susanna Nencetti

Dr. Nicolo Tonali

Dr. Lidia Ciccone

Deadline for manuscript submissions

closed (30 September 2022)



Pharmaceuticals

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/87159

Pharmaceuticals
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)