

## Special Issue

# Natural and Synthetic Peptides with Pharmacological Activity

### Message from the Guest Editors

Recently, antimicrobial peptides (AMPs) have attracted the interest of the medical and pharmaceutical sector as potential alternatives for traditional antibiotics. AMPs have a wide range of applications and a broad spectrum of activity (they can be effective against fungi and viruses, and selectively against cancer cells). AMPs are synthesized by all living organisms (bacteria, plants, and animals), but can also be chemically synthesized. By chemical synthesis, sequence modifications can be inserted to improve stability, bioavailability, and biocompatibility, as well as pharmacological activity.

---

### Guest Editors

Dr. Carmela Saturnino

Department of Science, University of Basilicata, 85100 Potenza, Italy

Dr. Rosanna Salvia

Department of Sciences, University of Basilicata, 85100 Potenza, Italy

---

### Deadline for manuscript submissions

closed (31 January 2024)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/173898](https://mdpi.com/si/173898)

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

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

[appls](https://appls.mdpi.com)





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



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



## About the Journal

### Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

---

### Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo  
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,  
20133 Milano, Italy

---

### 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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )