



an Open Access Journal by MDPI

Latest Advances on Synthesis, Purification, and Characterization of Peptides and Their Applications

Guest Editors:

Prof. Dr. Ayman El-Faham

1. Department of Chemistry,
College of Science, King Saud
University, P.O. Box 2455, Riyadh
11451, Saudi Arabia

2. Chemistry Department, Faculty
of Science, Alexandria University,
P.O. Box 426, Ibrahimia,
Alexandria 12321, Egypt

Prof. Dr. Fernando Albericio

1. School of Chemistry and
Physics, University of KwaZulu-
Natal, Durban, South Africa

2. Department of Organic
Chemistry, University of
Barcelona, Barcelona, Spain

Message from the Guest Editors

In this Special Issue of *Applied Sciences*, the latest advances in all the above fields will be described and analyzed. In addition to solid-phase peptide synthesis (SPPS), which is the strategy of choice for the synthesis of the largest part of peptides, emerging technologies such as liquid-phase peptide synthesis (LPPS), flow-continuous peptide synthesis, and multiple peptide synthesis will be covered. Coupling reagents, protecting groups, resins for SPPS, tags for LPPS, reversed phase and supercritical fluid chromatography and mass spectrometry with the aim of greening all processes will be the common threads of this issue.

Deadline for manuscript
submissions:

closed (31 December 2021)



mdpi.com/si/86899

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

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

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.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)