



Extracellular Matrix Peptides – Matrikines

Guest Editors:

Dr. Konrad A. Szychowski

Department of Lifestyle Disorders
and Regenerative Medicine,
University of Information
Technology and Management in
Rzeszow, Sucharskiego 2, 35-225
Rzeszow, Poland

Prof. Dr. Jan Gmiński

Department of Lifestyle Disorders
and Regenerative Medicine,
University of Information
Technology and Management in
Rzeszow, Sucharskiego 2, 35-225
Rzeszow, Poland

Deadline for manuscript
submissions:

closed (30 November 2021)

Message from the Guest Editors

Dear Colleagues,

The extracellular matrix, which is one of the most important components of an organism, has been regarded as metabolically passive for many years. In fact, it serves several functions, i.e., formation of the parenchymal stroma, nutrient supply to organs, and regulation of cell, and tissue functions. It is composed of many proteins, proteoglycans, polymeric oligosaccharides, and water. Collagen and elastin are its most important proteins. Peptides originating from the fragmentation of extracellular matrix proteins – matrikines – have an important role in human biology.

This Special Issue entitled “Extracellular Matrix Peptides – Matrikines” will publish a selection of recent research articles, short communications, reviews, and perspectives in the area of bioactive peptides from the extracellular matrix. We warmly invite you to submit a publication related to the list of keywords.

Keywords:

extracellular matrix proteins;

matrikines; matrisome;

matricryptins; elastokines;

fibronectin peptides; synthetic peptides





applied

IMPACT
FACTOR
2.5

CITESCORE
5.3

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](#)