Special Issue

Extracellular Matrix Peptides – Matrikines

Message from the Guest Editors

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

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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.

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