

Special Issue

Fasciae from a Molecular and Biomechanical Perspective

Message from the Guest Editor

Recently, we demonstrated that fasciae have specific receptors for endocannabinoids, for estrogen- α and relaxin-1, and that under such stimuli they alter the production of collagen types and hyaluronan. It is also known that diabetes can create a glycation of the collagen fibers in the plantar fascia and, as a result, alter the mechanical properties of the fascia. Besides, fasciae could be barriers to the spread of cancer, and their molecular/biochemical alterations could potentially affect the ability of a cancer to metastasize.

For this Special Issue, we aim to integrate studies on the following areas:

- Microscopic analysis of the various types of collagen and elastic fibers in fasciae (various types of fasciae and various situations (healthy or pathological));
- Studies about hyaluronan, which is one of the major components of the loose connective tissue inside fasciae;
- Effect of aging or training into fasciae;
- studies about the fascial innervation and how fascial inputs can effects brain dynamics
- studies that analyse the effect of the various physical and manual therapies into fascial tissue

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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