

## 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- $\alpha$  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

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 May 2022)



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### Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

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