## Special Issue

## Physiological and Pathophysiological Aspects of Intracellular and Extracellular Modulator Proteases

## Message from the Guest Editor

Over the past few decades, various intracellular and extracellular limited proteases have been extensively studied, with a particular focus on their role in posttranslational protein processing. The calpain family of proteases has been shown to cleave a diverse range of substrates, including enzymes, adapter proteins, and structural proteins, intracellularly. This family of proteases plays a crucial role in several physiological processes, such as skeletal muscle integrity, as well as in the pathogenesis of a number of neurodegenerative and metabolic diseases. Moreover, the ADAM family is known to be involved in ectodomain shedding of diverse growth factors, cytokines, receptors, and adhesion molecules. Dysregulation of ADAM proteinases is linked to pathological states, including cancer and cardiovascular diseases. The current Special Issue highlights the physiological functions and pathogenic roles of such "modulator proteases" based on the latest findings.

#### **Guest Editor**

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## Deadline for manuscript submissions

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