

Special Issue

Mechanobiology and Cellular Mechanotransduction: Basic Science and Clinical Implications

Message from the Guest Editor

For decades, scientists have observed that mechanical forces influence cellular biological events in physiology and pathology. Moreover, growing evidence indicates that the mechanical properties of the surrounding microenvironments also impact cellular function. Advancements in the study of mechanotransduction – the conversion of mechanical signal inputs into biological events – has improved our understanding of how mechanical stimuli affect our health and diseases through regulation of cellular behavior and tissue development. This Special Issue “Mechanobiology and Cellular Mechanotransduction: Basic Science and Clinical Implications” will publish original research and current review papers with the aim of providing the readers with the cutting-edge findings and innovative application of mechanobiology.

Guest Editor

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