

Special Issue

Biomechanics of Cell Membrane

Message from the Guest Editors

Dear colleagues, This Special Issue will focus on measuring and characterizing the mechanical and adhesive properties of cells and membranes using different techniques such scanning force microscopy, laser pinzette, optical tweezers and many others. Topics of interest include but are not limited to studies of lipid membranes, erythrocytes, and endothelial cells.

Characterizing and measuring the properties and behavior of cells present a major challenge to researchers in this field. In this issue, the principles and techniques used in studies of cell biomechanics will be one of main themes. The publication of original articles will contribute to progress in the area of Nano/Biomechanics, and will further stimulate progress in understanding the link between the mechanical properties of cells and membranes and the physiological mechanisms involved.

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