

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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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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