



Special Issue on Cell Mechanics

Call for Papers

Cell Mechanics is a sub-field of biophysics that focuses on the mechanical properties and behavior of living cells and how it relates to cell function. Cells communicate with each other through chemical and physical signals which are involved in a range of process from embryogenesis and wound healing to pathological conditions such as cancerous invasion. Interdisciplinary research combining modern molecular biology with advanced cell mechanical characterization techniques now paves the way for furthering our fundamental understanding of cell mechanics and its role in development, physiology, and disease.

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring **Cell Mechanics**. Potential topics include, but are not limited to:

- Cytoskeleton
- Cell pressure
- Mechanical properties of cells
- Mechanics and cell functions
- Mechanical input and output of cells
- Cell mechanical characterization techniques
- Cell adhesion

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Cell Mechanics**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	March 22nd, 2018
Publication Date	May 2018

Guest Editor:

For further questions or inquiries
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