



Focal Adhesion Kinase and Its Role in Cell, Molecular Biology, Cell Mechanics, and Bioengineering

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Message from the Guest Editor

Dear Colleagues,

The focal adhesion kinase is a key player in providing cellular functions, such as cell adhesion and motility. It has turned out that focal adhesion kinase regulates cell mechanics and hence is crucial for bioengineering, as the microenvironmental cues regulate the expression and activation of focal adhesion kinase. This Special Issue topic encompasses all biological and biophysical research on focal adhesion kinase and interacting molecules in cell culture, tissue culture, or living animal model systems. Additionally, focal adhesion kinase signal transduction processes ranging from the microenvironment to cell-matrix receptors through focal adhesions to the cytoskeleton and the cell nucleus under normal and pathological conditions are included.





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