

## Special Issue

# Mechanical Forces in the Cell

### Message from the Guest Editors

Immune cells perform a complex sequence of actions to defend an organism from external and internal threats. Evidence has recently emerged suggesting that physical factors play a dramatic role in immune cell functions. As experiments at the different scales of the immune system have become more quantitative, theoretical models are being developed to test biological hypotheses and predict the behavior of molecules and cells that participate to the immune response. These models rely on a wide array of theoretical tools, based on both mathematical and statistical frameworks. This Special Issue will focus on the combination of experimental and theoretical results concerning the action of mechanical forces, geometrical constraints and other physical aspects determining immune function.

### Guest Editors

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