Special Issue

Advances in Computational Biophysics

Message from the Guest Editor

Advances in computational biophysics explore methodologies that integrate computational models with biological systems. This Special Issue welcomes research on molecular dynamics simulations, machine learning applications in biophysics, the multiscale modelling of biomolecules, and novel computational approaches to studying protein interactions, cellular processes, and complex biological networks. Contributions integrating experimental validation with computational insights are particularly valued. This Special Issue aims to highlight recent advancements that drive forward the predictive and analytical capabilities of biophysics, fostering interdisciplinary collaboration and technological innovation. We encourage submissions that enhance our understanding of biomolecular dynamics, drug discovery, and systems biology through innovative computational techniques.

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Deadline for manuscript submissions

31 October 2025

Biophysica

Biophysica

**an Open Access Journal
by MDPI**

**Impact Factor 1.4
CiteScore 2.3**

mdpi.com/journal/
biophysica

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