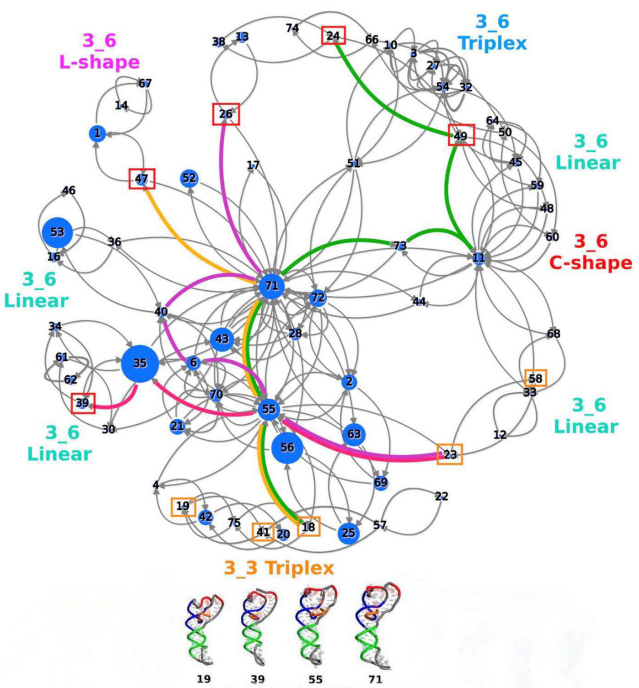
Biophysical Journal
Call for Papers

Special Issue: Viral Biophysics

Editors: ***Samuela Pasquali, Université Paris Cité***
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RNA viruses are prominent pathogens that continue to plague global health. Examples of associated human diseases include COVID-19, Zika, Ebola, Chikungunya, influenza, HIV, and hepatitis. Understanding their biology, transmission mechanisms, and pathogenesis is crucial for developing strategies to control, prevent, and treat these diseases. To date, most therapeutic efforts against viruses have targeted their proteins, but the highly conserved regions of viral RNAs define attractive alternative therapeutic targets.



In this special issue we invite contributions focused on the biophysical modeling of RNA viruses, spanning from the molecular scale to the mesoscopic level, while maintaining a strong interaction with experimental approaches and medical applications. To encourage collaborative and cross-disciplinary interactions, we invite diverse contributions on viral systems from experimental biophysics, virology, statistical physics, biophysical modeling, mathematical sciences, computer sciences, and chemistry perspectives. Articles may be of any type that BJ considers, but reviews and perspectives are typically by invitation; if you are interested in contributing such a review or perspective, please contact T. Schlick (schlick@nyu.edu).

Deadline for submission: March 15, 2026

- Instructions for authors can be found at: https://www.cell.com/biophysj/authors.
- Please include a cover letter stating that you would like to contribute to the Viral Biophysics special issue and please describe why the work fits into the special issue.
- All accepted articles will be reviewed upon receipt and will appear online as soon as accepted, even if submitted early.
- Normal publishing charges will apply.
- Questions can be addressed to the BJ Editorial Office at BJ@biophysics.org or to (240) 290-5600.

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