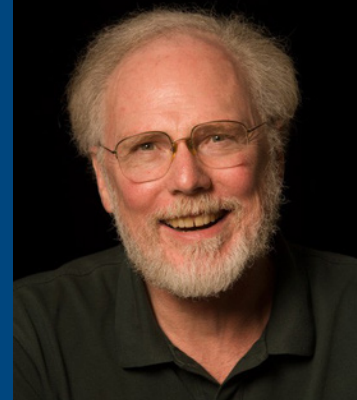


Biophysical Journal Call for Papers



Special Issue: Fifty Years of Protein Dynamics: Celebrating Andy McCammon and the Evolution of Computational Biophysics

Editors: *Rommie E. Amaro, University of California, San Diego*

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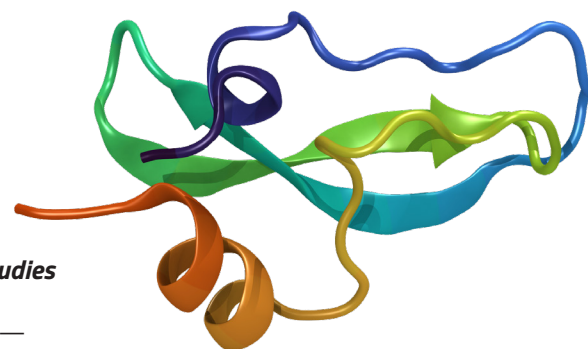
To mark the 50th anniversary of the landmark 1977 Nature paper by McCammon, Gelin, and Karplus—the first molecular dynamics simulation of a protein—we invite submissions to a special issue celebrating Andy McCammon and the profound impact of this work on computational biophysics.

Over the past five decades, this foundational study has shaped the development of protein dynamics, macromolecular simulations, drug discovery, and a broad range of areas within computational biophysics. This special issue aims to highlight both the historical significance of this milestone and the continuing advances it has inspired.

We welcome original research articles, as well as reviews and perspectives, that highlight advances in protein dynamics and related areas. Contributions spanning both methodological advances and applications are encouraged across protein dynamics and computational biophysics, including areas such as molecular and Brownian dynamics, multiscale approaches, molecular and cellular biophysics, molecular recognition, and emerging approaches including artificial intelligence.

Deadline for submission: December 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 Andy McCammon special issue and please describe why the work fits into the issue.
- All 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.



Bovine pancreatic trypsin inhibitor (BPTI)
First molecular dynamics simulation
Nature 1977



Martin Karplus (left) and Andy McCammon (right)



To submit, visit <https://www.editorialmanager.com/biophysical-journal/>