

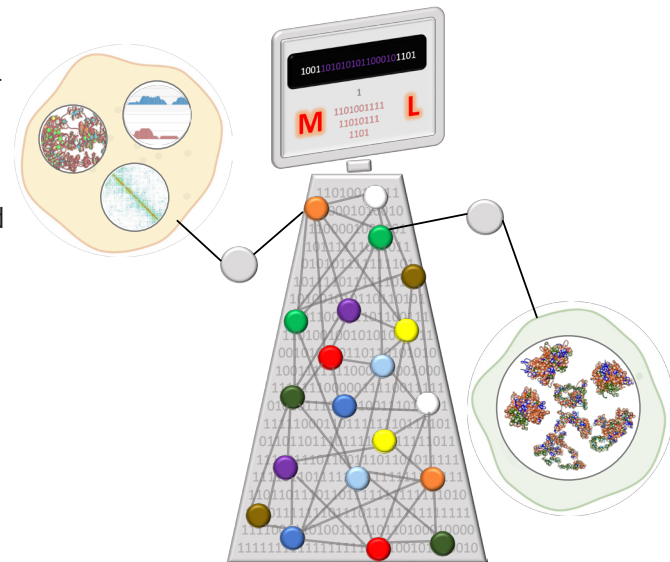
# Biophysical Journal Call for Papers

## Special Issue: Machine Learning in Biophysics

**Editors:** *Tamar Schlick (New York University) and Guowei Wei (Michigan State University)*

With the pervasive usage of artificial intelligence tools in all aspects of our lives, biophysicists can certainly feel ahead of the curve from having developed and applied such tools for over a decade for important problems in biophysics. The problems range from predicting folds of proteins or determining best ways to position divalent ions in nucleic acid systems to large-scale genome structure analysis to discern epigenetic regulation of human cancers. As the application scope has increased, machine learning algorithms have undoubtedly improved in sophistication, efficiency, and utility. It is impressive today to realize how much can be deduced or predicted on the basis of large datasets without explicit programming. Yet, like every tool, caveats apply, and the best applications require a good understanding of the methods and their limitations.

For a special volume dedicated to machine learning, *Biophysical Journal* invites contributions that address **both algorithms and applications** for a wide range of problems in biophysics. Article categories accepted include computational tools and research articles. If you are interested in writing a perspective or review article, please contact the editors, **Tamar Schlick** ([schlick@nyu.edu](mailto:schlick@nyu.edu)) and **Guowei Wei** ([weig@msu.edu](mailto:weig@msu.edu)), for pre-approval.



---

**Deadline for submission: November 30, 2023**

---

- 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 Machine Learning in Biophysics special issue and please describe why the work fits into the 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](mailto:BJ@biophysics.org) or to (240) 290-5600.

  
Biophysical Society

  
CellPress  
Science that inspires

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