DESCRIPTION

Journal of Structural Biology: X (JSBX) is the open access partner journal of Journal of Structural Biology (JSB) and has the same aims and scope, editorial board and peer-review process. JSBX offers authors with high-quality research who want to publish in a gold open access journal the opportunity to make their work immediately, permanently, and freely accessible. Publication in JSBX requires an article publishing charge (APC) paid by authors who will have a choice of license options, and retain copyright. Please see details here.

For more information please refer to our FAQs for authors.

JSB and JSBX publish papers dealing with the experimental structural analysis of living material at every level of organization by all methods that lead to an understanding of biological function in terms of molecular and supramolecular structure.

Techniques covered include:

- Light microscopy including confocal microscopy
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- X-ray diffraction
- Nuclear magnetic resonance
- Scanning force microscopy, scanning probe microscopy, and tunneling microscopy
- Digital image processing
- Computational insights into structure

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Benefits to authors

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GUIDE FOR AUTHORS

INTRODUCTION

Journal of Structural Biology: X (JSBX) is the open access partner journal of Journal of Structural Biology (JSB). JSB and JSBX have the same aims and scope. A unified editorial team manages rigorous peer-review for both journals using the same submission system. The author’s choice of journal is blinded to referees and editors, ensuring the editorial process is identical.

The Journal of Structural Biology: X publishes papers dealing with the structural analysis of biological matter at all levels of organization and the functional connotations of such observations. The field covered by the journal extends from individual macromolecules to cells and tissues with emphasis on the supramolecular (e.g. complexes and machines) and subcellular (e.g., membranes, compartments, cytoskeleton) levels of the structural hierarchy.

Novel applications of and methodological innovations in electron microscopy, X-ray diffraction, probe microscopy, and light microscopy, as well as aspects of computational biology, image processing, bioinformatics and structural prediction, and other biophysical techniques yielding structural information are of interest to the journal. In the context of structural cell biology, papers dealing with cellular architecture and dynamics are particularly welcomed. We see biomineralization as an important area of interest.

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Structure Reports concisely document macromolecular structures, including those emanating from structural genomics. Where no biological role is yet determined, these reports can be presented without such connections. In addition to appropriate quality of the reported structure, it is essential that the procedures used to prepare the protein and to determine the structure should be repeatable with the information provided.

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