DESCRIPTION

Journal of Structural Biology (JSB) has an open access mirror journal, the Journal of Structural Biology: X (JSBX), sharing the same aims and scope, editorial team, submission system and rigorous peer review. Since both journals share the same editorial system, you may submit your manuscript via either journal homepage. You will be prompted during submission (and revision) to choose in which to publish your article. The editors and reviewers are not aware of the choice you made until the article has been published online. JSB and JSBX publish papers dealing with the 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 supermolecular structure.

Techniques covered include:

- Light microscopy including confocal microscopy
- All types of electron microscopy
- X-ray diffraction
- Nuclear magnetic resonance
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- Digital image processing
- Computational insights into structure

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Electron microscopy, cryo-electron tomography, single particle

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Cryo-electron microscopy

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Malaria, erythrocyte, super-resolution light microscopy, electron microscopy, drug development

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Structure and function of HIV proteins, protein expression

**Sharon Grayer Wolf**, Weizmann Institute of Science, Rehovot, Israel

Cryo-EM, cellular ultrastructure, structural biology, electron tomography, 3DEM

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Membrane transporters, mechanisms of substrate recognition and transport

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INTRODUCTION

*Journal of Structural Biology (JSB)* has an open access mirror journal, *Journal of Structural Biology: X (JSBX).* 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* 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.

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