DESCRIPTION

*Journal of Structural Biology (JSB)* has an open access mirror journal, the *Journal of Structural Biology: X* (JSBX), which has the same aims and scope, editorial board and peer-review process. To submit to *Journal of Structural Biology: X* visit [https://www.editorialmanager.com/YJSBX/default.aspx](https://www.editorialmanager.com/YJSBX/default.aspx). JSB publishes 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
- Scanning force microscopy, scanning probe microscopy, and tunneling microscopy
- Digital image processing
- Computational insights into structure

The field covered by the journal extends from the structural organization of cells and tissues, their membranes, compartments, organelles and supramolecular assemblies, to the structure and conformation of proteins and nucleic acids from the molecular to the atomic level.

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Muscle thick filaments, myosin interacting-heads motif (IHM)

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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

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

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Membrane transporters, mechanisms of substrate recognition and transport

**Ulrich Zachariae**, University of Dundee, Dundee, United Kingdom

Computational biology, membrane proteins, tandem repeat proteins

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Protein structure prediction, protein design, structure-based function annotation, SNP mutation and genetic diseases, protein-protein interactions, G protein-coupled receptor and ligand-receptor interactions, ligand screening and structure-based drug design
GUIDE FOR AUTHORS

INTRODUCTION

Journal of Structural Biology (JSB) has an open access partner 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.

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