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DESCRIPTION

*Current Opinion in Structural Biology (COSB)* aims to stimulate scientifically grounded, interdisciplinary, multi-scale debate and exchange of ideas. It contains polished, concise and timely reviews and opinions, with particular emphasis on those articles published in the past two years. In addition to describing recent trends, the authors are encouraged to give their subjective opinion of the topics discussed.

In *COSB*, we help the reader by providing in a systematic manner:

1. The views of experts on current advances in their field in a clear and readable form.
2. Evaluations of the most interesting papers, annotated by experts, from the great wealth of original publications.

The journal is part of the Current Opinion and Research (CO+RE) suite of journals and is a companion to the primary research, open access journal, *Current Research in Structural Biology*. CO+RE journals leverage the *Current Opinion* legacy of editorial excellence, high-impact, and global reach to ensure they are a widely-read resource that is integral to scientists' workflows.

*COSB* will serve as an invaluable source of information for researchers, lecturers, teachers, professionals, policy makers and students.

Division of the subject into sections

The subject of Structural Biology is divided into twelve themed sections, each of which is reviewed once a year. Each issue contains two sections, and the amount of space devoted to each section is related to its importance.

Folding and Binding Nucleic acids and their protein complexes Macromolecular Machines Theory and Simulation Sequences and Topology New constructs and expression of proteins Membranes Engineering and Design Carbohydrate-protein interactions and glycosylation Biophysical and molecular biological methods Multi-protein assemblies in signalling Catalysis and Regulation

Selection of topics to be reviewed

Section Editors, who are major authorities in the field, are appointed by the Editors of the journal. They divide their section into a number of topics, ensuring that the field is comprehensively covered.
and that all issues of current importance are emphasised. Section Editors commission reviews from authorities on each topic that they have selected. The Editorial Board provides support to the Editors and the Section Editors with their comments and suggestions on names and topics.

Review articles in COSB are by invitation only. The journal does not accept manuscripts other from those invited by section editors, appointed by Editors-in-Chief.

**Review Articles**

Authors write short review articles in which they present recent developments in their subject, emphasizing the aspects that, in their opinion, are most important. In addition, they provide short annotations to the papers that they consider to be most interesting from all those published in their topic over the previous two years.

**Editorial Overview**

Section Editors write a short overview at the beginning of the section to introduce the reviews and to draw the reader's attention to any particularly interesting developments. This successful format has made COSB one of the most highly regarded review journals in the field.

**AUDIENCE**

Structural Biologists in academia and industry who are interested in keeping abreast of advances in structural biology.

**ABSTRACTING AND INDEXING**

- BIOSIS Citation Index
- Elsevier BIOBASE
- Current Contents - Life Sciences
- Embase
- PubMed/Medline
- Reference Update
- Scopus
- Web of Science
- Biochemistry and Biophysics Citation Index
- Chemical Abstracts
- Nucleic Acids Abstracts
- Science Citation Index
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- INSPEC

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Structural biology, Macromolecular NMR, Protein-protein interactions, Protein-nucleic acid interactions, Computational NMR

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glycosaminoglycans, structural biology, glycan NMR

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X-ray crystallography, single particle cryoEM, structure based drug design, infectious disease, membrane protein complexes, bacterial cell wall biogenesis, bacterial secretion systems, glycoenzymes

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Christopher Tate, London, United Kingdom

Structural biology of GPCRs

Chandra Verma, Singapore, Singapore

Cynthia Wolberger, Baltimore, MD, United States of America
Structural biology, ubiquitin signaling, chromatin, transcription

Peter Wright, La Jolla, CA, United States of America

Kurt Wüthrich, La Jolla, CA, United States of America

Todd Yeates, Los Angeles, CA, United States of America

Mingjie Zhang, Shenzhen, Guangdong, China
GUIDE FOR AUTHORS

INTRODUCTION
The Current Opinion journals were developed out of the recognition that it is increasingly difficult for specialists to keep up to date with the expanding volume of information published in their subject. In the Current Opinion journals, we help the reader by providing in a systematic manner: (1) The views of experts on current advances in the field in a clear and readable form. (2) Evaluations of the most interesting papers, annotated by experts, from the great wealth of original publications.

The aim of the manuscript is to review recent articles, with particular emphasis on those articles published in the past two years. In addition to describing recent trends, you are encouraged to give your subjective opinion of the topics discussed, although you should not concentrate unduly on your own research. Your review should be approximately 2000 words (not including references or reference notes), with approximately 50 references and, as such, the review is intended to be a concise view of the field as it is at the moment, rather than a comprehensive overview. Our audience ranges from student to professor, so articles must be accessible to a wide readership. Please avoid jargon, but do not oversimplify: be accurate and precise throughout. Occasionally, unpublished data can be referred to, but only when essential and should never be used to substantiate any significant point.

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The introduction should be accessible to a wide variety of scientists by avoiding the use of jargon and concepts not familiar to non-specialists. It should outline the time period covered and the scope of the review, including the importance of and rationale behind your article. The introduction should include only a few background references.

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Funding bodies should also be mentioned (please give full names rather than abbreviations), together with any relevant grant numbers.

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References

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text, followed by those that are only cited in the figure legends or tables. Please ensure that each item in the reference list has its own number, avoiding joint references (for example, references [32a,32b] should be listed and cited as [32,33] and subsequent references numbered accordingly). Papers accepted as 'in press' may be included.

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Text: Indicate references by number(s) in square brackets in line with the text. The actual authors can be referred to, but the reference number(s) must always be given. Example: "..... as demonstrated [3,6]. Barnaby and Jones [8] obtained a different result ...."

List: Number the references (numbers in square brackets) in the list in the order in which they appear in the text.

Examples:
Reference to a journal publication:

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