



CURRENT OPINION IN BIOTECHNOLOGY

AUTHOR INFORMATION PACK

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DESCRIPTION

Current Opinion in Biotechnology (COBIOT) publishes authoritative, comprehensive, and systematic reviews. *COBIOT* helps specialists keep up to date with a clear and readable synthesis on current advances biotechnology. Expert authors annotate the most interesting papers from the expanding volume of information published today, saving valuable time and giving the reader insight on areas of importance.

Current Opinion in Biotechnology is part of the [Current Opinion and Research \(CO+RE\) suite of journals](#) and is a companion to the new primary research, open access journal, [Current Research in Biotechnology \(CRBIOT\)](#). 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' workflow.

Current Opinion in Biotechnology is divided into themed sections, each of which is reviewed once a year. Themes include analytical biotechnology; plant biotechnology; food biotechnology; energy biotechnology; environmental biotechnology; systems biology; nanobiotechnology; tissue, cell and pathway engineering; chemical biotechnology; and pharmaceutical biotechnology.

The journal builds on Elsevier's reputation for excellence in scientific publishing and long-standing commitment to communicating reproducible biomedical research targeted at improving human health. **Expertise** ? Expert authors, who are leaders in their field, are invited to write short review articles in which they present recent developments in their subject and provide short annotations to the papers that they think are most relevant. **Comprehensiveness** ? There are 27 high-impact *Current Opinion* review journals in a range of subjects from food science to green and sustainable chemistry. **Impact** ? In addition to a vast readership, *Current Opinion* titles enjoy high citations, Impact Factors, and CiteScores.

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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.

Reviews

Authors write short review articles in which they present recent developments in their subject, emphasising 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 year.

Review articles in Current Opinion in Biotechnology are by invitation only.

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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.

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AUDIENCE

Biotechnologists in academia and industry who are interested in keeping abreast of advances in understanding biotechnology.

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GUIDE FOR AUTHORS

INTRODUCTION

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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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[1] de Alba E, Antoro J, Rico MA, Jimenez MA: **De novo design of a monomeric three-stranded anti-parallel β -sheet.** *Protein Sci* 1999, **8**:854-865.

Reference to a book:

[2] Archer MD, Barber J (Eds): *Molecular to Global Photosynthesis*. Imperial College Press; 2004.

Reference to a chapter in an edited book:

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- 30. Wong FS, Karttunen J, Dumont C, Wen L, Visintin I, Pilip IM, Shastri N, Pamer EG, Janeway CA Jr: **Identification of an MHC class I-restricted autoantigen in type 1 diabetes by screening an organ-specific cDNA library.** *Nat Med* 1999, **5**:1026-1031.

Using class I tetramers, the authors demonstrate that insulin-specific CD8+ T cells account for a large proportion of infiltrated T cells in the islets of prediabetic NOD mice. This is the first study to use peptide multimers to decipher the mechanism of autoimmunity.

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2. Submitted papers/unpublished data: (IMN Author *et al.*, unpublished)

3. Abstracts (give full information but not title): (A Early *et al.*, abstract 54, 3rd International Meeting of Cellular Immunology, Washington DC, September 1998) or (A Early, abstract in *Soc Neurosci Abstr* 1998, 4:154).

4. PhD theses: (R Arthur Goode, PhD thesis, University of Hawaii, 1988)

5. Websites: (Biological Biochemical Image Database; URL: <http://bbid.grc.nia.nih.gov/>)

6. Computer program/database: (Actin database, University of Harvard). (unless the program/database details have been published, in which case cite as a normal reference. For example, Nicholls A, Bharadwaj R, Honig B: GRASP : **a graphical representation and analysis of surface properties**. *Biophys J* 1993, **64**:166-170.)

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