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DESCRIPTION

Excellence paves the way

With Current Opinion in Immunology

Current Opinion in Immunology 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 *Current Opinion in Immunology* 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.

Current Opinion in Immunology will serve as an invaluable source of information for researchers, lecturers, teachers, professionals, policy makers and students.

Current Opinion in Immunology builds on Elsevier's reputation for excellence in scientific publishing and long-standing commitment to communicating reproducible biomedical research targeted at improving human health. It is a companion to the new Gold Open Access journal [Current Research in Immunology](#) and is part of the [Current Opinion and Research\(CO+RE\) suite of journals](#). All 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.

Expertise- Editors and Editorial Board bring depth and breadth of expertise and experience to the journal.

Discoverability - Articles get high visibility and maximum exposure on an industry-leading platform that reaches a vast global audience.

Division of the subject into sections

The subject of Immunology is divided into 8 themed sections and 2 special sections, each of which is reviewed once a year.

Innate immunity Tumour immunology Lymphocyte development and activation Antigen processing Vaccines Allergy and hypersensitivity Host pathogens Autoimmunity

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 Current Opinion in Immunology are by invitation only.

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 *Current Opinion in Immunology* one of the most highly regarded and highly cited review journals in the field.

AUDIENCE

Immunologists, biomedical researchers and all other students, scientists and clinicians with an interest in the theory, practice and techniques of modern immunology.

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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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Examples:

Reference to a journal publication:

[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:

[3] Barber J, Kuhlbrandt W: **Photosynthesis and photoconversion**. In *Molecular to Global Photosynthesis*. Edited by Archer M, Barber J. Imperial College Press; 2004:3-89.

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