CURRENT OPINION IN GENETICS & DEVELOPMENT

TABLE OF CONTENTS

- Description p.1
- Audience p.2
- Impact Factor p.2
- Abstracting and Indexing p.2
- Editorial Board p.2
- Guide for Authors p.4

DESCRIPTION

Current Opinion in Genetics and Development 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 Genetics and Development 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 Genetics and Development 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 Genetics & Development. 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.

Current Opinion in Genetics and Development 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 Genetics and Development is divided into six themed sections, each of which is reviewed once a year:

- Cancer Genomics
- Genome Architecture and Expression
- Molecular and genetic basis of disease
- Developmental mechanisms, patterning and evolution
- Cell reprogramming, regeneration and repair
- Genetics of Human Origin / Evolutionary genetics (alternate years)

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 Genetics and Development* 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 Genetics and Development* one of the most highly regarded and highly cited review journals in the field.

**AUDIENCE**

Academic, Industrial and Clinical Geneticists and Developmental Biologists who are interested in the advances in understanding genetics and development.

**IMPACT FACTOR**

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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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"30. Wong FS, Karttunen J, Dumont C, Wen L, Visintin I, Pilip IM, Shastrri 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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