

'An essential textbook for undergraduate students who are interested in a comprehensive introduction to the multidisciplinary field of bioinformatics.'

Jean-Christophe Nebel, Kingston University

'I'm impressed with the breadth and depth achieved in what is a reasonably compact text. There are lots of quite innovative features which support the pedagogical delivery of the material.'

Richard Badge, University of Leicester

'A very good introductory textbook in bioinformatics. It is well-structured and nicely laid out. There are numerous examples and problems attached to each chapter, including the novel Weblems.'

Karen Page, University College London

- Aimed primarily at a biological audience, *Introduction to Bioinformatics* is ideal for those without detailed prior knowledge of programming who are encountering bioinformatics for the first time.
- Extensive cross-referencing to online materials encourages the use of online resources alongside the book.
- Emphasizes the practical applications of the subject to a wide range of disciplines, such as molecular biology, medicine, forensic science, and anthropology.
- Examples throughout the text, and exercises and problems at the end of each chapter, encourage self-directed learning.

New to this edition

- Online 'Weblems' (web-based problems) enable immediate access to hyperlinked materials and are linked to specific topics within the text.
- Two new chapters covering metabolic pathways and gene expression and regulation reflect the recent growth of interest in these areas.
- Extended coverage of genomics reflects the increasing cross-over between the two disciplines.

The Online Resource Centre features the following materials:

For registered adopters

- Figures and tables from the book available to download

For students

- 'Weblems' - web-based problems tied to particular sections of the book
- Data from the book in computer-readable form
- Guidance to help students answer problems from the text, and answers to end of chapter exercises



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