

"Difficult concepts are beautifully and uniquely covered with simple analogies to encourage understanding. The discoveries in biochemistry and molecular biology in the last few years have been very exciting and this book is one of the few texts able to convey this excitement with its unique style."

Lynn Rogers, The University of Adelaide, Australia

"This is a well-written, accessible book, which should appeal to students during their first major encounter with biochemistry and molecular biology. Throughout the book, reference is made to health, disease and treatment, which should make the text more relevant and interesting to undergraduate students, especially those on medically-related courses."

Dr Caroline Owen, Kingston University, UK

"I feel it is one of the best in its class in terms of depth and level for students on multidisciplinary biology and biomedical science courses. I also very much appreciate the increasing emphasis on human examples."

Dr Alison Caswell, Leeds Metropolitan University, UK

"I think this text is improving vastly. I liked the last edition but it looks as if this will be better...I see an obvious attempt to identify areas which students find difficult and a willingness to take on approaches which help students learn. The book seems to me to be written with its target audience always in mind...I particularly liked the way in which fundamental biological principles are never forgotten. This made my reading of the chapters quite stimulating."

Dr John Wright, University of East London, UK

Key features

- A carefully focused textbook of biochemistry and molecular biology, which is perfect for all science, bioscience and health science students meeting this subject for the first time.
- Reflects the latest understanding of topics and principles from across the discipline, providing a comprehensive text, but with excessive detail eliminated, so that students will find a conceptual approach that is intellectually satisfying.
- Widely-praised writing style combines an approachable narrative with lots of explanation to promote understanding.
- Biological context is provided throughout so students can appreciate the relevance to life of the molecular concepts introduced.
- Extensive cross-referencing between chapters facilitates their use in any order.

New to this edition

- New chapter on the RNA world, microRNA genes, and RNA interference reflects major advances in our understanding of this field.
- New Part 5, Molecular Biology in Health and Disease, gives a new focus to this section of the book.
- More boxes throughout, particularly to relate the concepts presented to human health and disease.
- Enhanced artwork and refreshed page design make the book even more reader-friendly.
- Extended Online Resource Centre, now featuring a test bank of questions for lecturers, and an online quiz for students.



online resource centre

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For registered adopters of the book:

- Figures from the book available to download.
- A new test bank of questions, with feedback keyed to the book, for use in formative and summative assessment.

For students:

- A library of three-dimensional, interactive models of key biological structures featured in the book.
- A library of web links cited in the text.
- A hyperlinked bibliography of literature articles cited in the text.
- An extensive bank of multiple-choice questions for self-directed learning.

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