



Cell Biology: A Short Course, 2nd Edition

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E-Book

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DESCRIPTION

This text tells the story of cells as the unit of life in a colorful and student-friendly manner, taking an "essentials only" approach. By using the successful model of previously published Short Courses, this text succeeds in conveying the key points without overburdening readers with secondary information. The authors (all active researchers and educators) skillfully present concepts by illustrating them with clear diagrams and examples from current research. Special boxed sections focus on the importance of cell biology in medicine and industry today. This text is a completely revised, reorganized, and enhanced revision of *From Genes to Cells*.

ABOUT THE AUTHOR

Steve Bolsover is Professor of Cell Physiology in the Department of Physiology. His widely published research concerns, among other topics, the role of calcium as an intracellular messenger.

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All authors hold their appointments at University College London, and head internationally respected laboratories investigating various aspects of cell biology.

NEW TO EDITION

Completely rewritten, reorganized, and enhanced revision of From Genes to Cells.

FEATURES

- A unified presentation of cell biology in both medicine and industry with extensive cross-referencing.
 - Copious illustrations that make course material clear and easy to understand.
 - Numerous boxed inserts tie concepts to real-world research and developments in medicine and industry.
 - A detailed, complete description of intercellular signaling.
 - A full case study using the example of cystic fibrosis.
 - Review questions with answers at the end of each chapter, plus a full glossary of key words and phrases.
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