

# 《BIOLOGICAL SCIENCE》

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## 编辑推荐

**作者简介：** Scott Freeman Scott Freeman received his Ph.D. in Zoology from the University of Washington and was subsequently awarded an Alfred P. Sloan Postdoctoral Fellowship in Molecular Evolution at Princeton University. His current research focuses on the scholarship of teaching and learning and he recently published two papers on his work: (1) how active learning and peer teaching techniques increase student learning and improve performance in introductory biology (Freeman, S., E. O'Connor, J.W. Parks, M. Cunningham, D. Hurley, D. Haak, C. Dirks, and M.P. Wenderoth. 2007. Prescribed active learning increases performance in introductory biology. *CBE--Life Sciences Education* 6: 132-139.); and (2) how the levels of exam questions vary among introductory biology courses, standardized post-graduate entrance exams, and professional school courses (Zheng, A.Y., J.K. Lawhorn, T. Lumley, and S. Freeman. 2007. Applications of Bloom's Taxonomy Debunks the "MCAT Myth." *Science* 25 January 2008: 414-415). Kim Quillin  
Illustrator, Kim Quillin, combines expertise in biology and information design to create lucid visual representations of biological principles. She received her B.A. in Biology at Oberlin College and her Ph.D. in Integrative Biology from the University of California, Berkeley (as a National Science Foundation Graduate Fellow), and has taught undergraduate biology at both schools. Students and instructors alike have praised Kim's illustration programs for Biological Science, as well as *Biology: A Guide to the Natural World*, by David Krogh, and *Biology: Science for Life*, by Colleen Belk and Virginia Borden, for their success at the visual communication of biology. Kim is a lecturer in the Department of Biological Sciences at Salisbury University.

## 内容简介

Supports and motivates you as you learn to think like a biologist. Building upon Scott Freeman's unique narrative style that incorporates the Socratic approach and draws you into thinking like a biologist, the Fourth Edition has been carefully refined to motivate and support a broader range of learners as they are introduced to new concepts and encouraged to develop and practice new skills. Each page of the book is designed in the spirit of active learning and instructional reinforcement, equipping novice learners with tools that help them advance in the course--from recognizing essential information in highlighted sections to demonstrating and applying their understanding of concepts in practice exercises that gradually build in difficulty. New to Freeman's MasteringBiology(R) online tutorial and assessment system are ten classic experiment tutorials and automatically-graded assignment options that are adapted directly from content and exercises in the book. Package Components: \*Biological Science, Fourth Edition\* MasteringBiology(R) with Pearson eText Student Access Kit

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