

Fundamental Molecular Biology

By Lizabeth A. Allison

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The author received the 2009 Outstanding Faculty Award, the Commonwealth of Virginia's highest honor for faculty, in January 2009.

More accessible to beginning students in the field than its encyclopedic counterparts, *Fundamental Molecular Biology* provides a distillation of the essential concepts of molecular biology, and is supported by current examples, experimental evidence, an outstanding art program, multimedia support and a solid pedagogical framework. The text has been praised both for its balanced and solid coverage of traditional topics, and for its broad coverage of RNA structure and function, epigenetics and medical molecular biology.

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Editorial Review

Review
"*Fundamental Molecular Biology* is pleasingly up to date in this rapidly advancing field, and its combination of history, relevance and technical detail makes it an attractive book for lecturers and their students." (*Times Higher Education Supplement*)

Review
"*Fundamental Molecular Biology* by Lizabeth Allison is a clearly written, engaging text that provides an excellent introduction to the field of molecular biology. With numerous well-conceived diagrams and examples of real life applications, Allison's text will be appreciated by students and instructors alike."
–**Daniel P. Herman**, University of Wisconsin-Eau Claire

"Lizabeth Allison's examination of molecular biology flows like a novel, which should qualify her as a non-fiction story-teller. She has mastered the art of explaining difficult concepts in a simplified and understandable manner, making this knowledge more accessible and non-threatening to students of all levels. Gems like the historical perspectives, focus boxes, and disease boxes add even more interest to this already well-written textbook."
–**Hao Nguyen**, California State University, Sacramento

From the Back Cover
Lizabeth Allison’s *Fundamental Molecular Biology* has earned applause for its engaging and lucid writing style. More accessible to beginning students in the field than its encyclopaedic counterparts, Allison’s text is a distillation of the essential concepts of molecular biology, and is supported by current examples, experimental evidence, and boxes that address related diseases, methods, and techniques. *Fundamental Molecular Biology* has been praised both for its balanced and solid coverage of traditional topics, and for its broad coverage of RNA structure and function, epigenetics, and medical molecular biology. The book relies primarily on eukaryotic examples, but includes key comparisons with prokaryotic organisms where it is appropriate and instructive.

Fundamental Molecular Biology includes all-original artwork, providing the clearest possible insight into complex concepts, and is supplemented by an outstanding interactive website featuring all of the artwork, animations of key processes, and useful student comprehension material.

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