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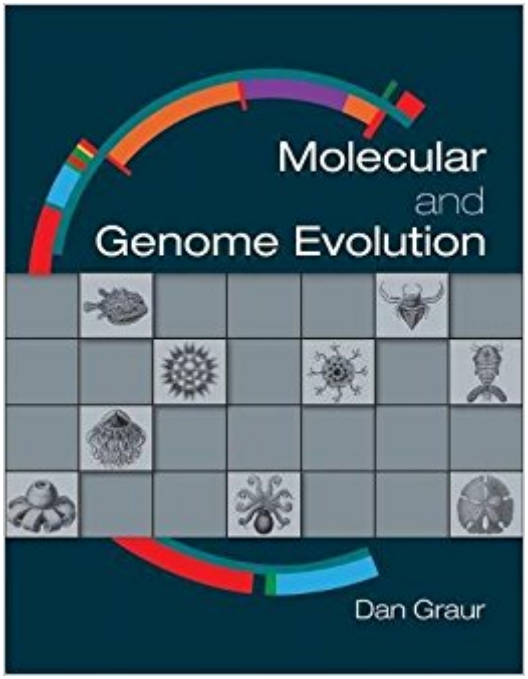
Molecular And Genome Evolution



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Synopsis

This book describes the driving forces behind the evolutionary process at the molecular and genome levels, the effects of the various molecular mechanisms on the structure of genes, proteins, and genomes, the methodology and the analytical tools involved in dealing with molecular data from an evolutionary perspective, and the logic of evolutionary hypothesis testing. Evolutionary phenomena at the molecular level are detailed in a way that can be understood without much prerequisite knowledge of molecular biology, evolution, or mathematics. Numerous examples that support and clarify the theoretical arguments and methodological discussions are included.For InstructorsInstructor’s Resource Library (available to qualified adopters)This resource includes all figures (line-art illustrations and photographs) and tables from the textbook, provided as both high- and low-resolution JPEGs. All have been formatted and optimized for excellent projection quality. Also included are ready-to-use PowerPoint slides of all figures and tables.

Book Information

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Customer Reviews

Dan Graur is John and Rebecca Moores Professor in the Department of Biology and Biochemistry at the University of Houston and Professor Emeritus of Zoology at Tel Aviv University, Israel.

this is an excellent text or supplementary book for a graduate course in molecular evolution-which is what I used it for. Definitely for the advanced student.

Like his previous book on the subject, Dan Graur, writes a superb textbook on molecular evolution. Highly recommended.

See the book is filled with typos and references original sources with author's opinions not supported by these sources. If you know the subject, and enjoy finding errors - this is your book. If you want to learn the subject - find some better book. Else you will never know what is true scientific fact, and what is authors misunderstanding of the subject, and what is one of countless equation typos and wrong equations in relation to the wording. Waste of time and money.

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