

are not mentioned in this book. In any event, this text should prove to be a valuable reference to clinicians and scientists alike.

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MOLECULAR CELL BIOLOGY. By James Darnell, Harvey Lodish, and David Baltimore. New York, W.H. Freeman and Company, 1986. 1,187 pp. \$42.95.

Molecular Cell Biology aims to present the essential elements of genetics, biochemistry, and cell biology. The 1,187-page text attempts to integrate molecular biology with biochemistry, cell biology, and genetics, giving insight into such fascinating problems as development, immunology, and cancer. This 25-chapter college textbook is no more difficult to read than the basic textbooks encountered by undergraduate physics and chemistry students.

The book is divided into four parts. Part I provides a clear explanation of how basic biochemical and biological principles relate to the central developing areas of molecular cell biology. Chapter 1 presents some of the key ideas in the history of modern biology. Chapters 2 and 3 deal with the fundamentals of biochemical structure, function, and energetics. Chapters 4, 5, 6, and 7 present cellular polymer synthesis, cell structure and function, and new cell and molecular techniques.

Part II (chapters 8 through 13) stresses RNA biosynthesis and gene expression and concentrates on gene transcription and its control.

Part III (chapters 14 through 21) presents a detailed discussion of the properties of specific membrane proteins, electrical properties of membranes, cellular movement, cell shape, cell components, organelles, metabolism, and the propagation of nerve impulses.

Part IV (chapters 22 through 25) describes advances in understanding several areas of molecular cell biology, including cell function and behavior, the immunologic response, cancer, and cell evolution.

In summary, *Molecular Cell Biology* is principally for students taking a first course in molecular cell biology (undergraduates, graduate students, or medical students). It is a useful text to working scientists in search of a guide to help pick their way through a vast field of knowledge or a good source for important references, since a thorough list of references is provided at the end of each chapter. Readers will find the same thoughtful organization, clarity of writing, and authority that made the now outdated *Molecular Biology of the Cell* the standard book in the field.

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NOTES OF AN ANATOMIST. By Frank Gonzalez-Crussi. New York, Harcourt Brace Jovanovich, Publishers, 1985. 134 pp. \$14.95.

In his *Notes of an Anatomist* Frank Gonzalez-Crussi has crafted a thoughtful and provocative set of essays which relate the lifelong experiences and intellectual

Yale School of Medicine is home to 62 National Academy of Science members, 40 Institute of Medicine investigators, and 16 Howard Hughes Medical Institute investigators. The institution offers numerous dual-degree programs including joint MD/PhD, MD/MPH, and MD/MHS programs. When the time comes to gather research for their required thesis, Yale School of Medicine students have access to the institution's Harvey Cushing/John Hay Whitney Medical Library, one of the largest medical libraries in the country. Among its vast collection are rare medieval and Renaissance manuscripts, over 300 medical i Yale Medicine, New Haven, Connecticut. 29,685 likes · 779 talking about this · 10,119 were here. Yale Medicine is the clinical practice of the Yale... Medical School. Yale University. College & University. Stanford Medicine. College & University. Yale New Haven Hospital. Hospital. Johns Hopkins Bloomberg School of Public Health. College & University. Yale New Haven Health. At the forefront of educating tomorrow's physician scientists, advancing medicine through scientific discovery, and improving health. At Yale and around the world, scientists and physicians are collaborating to combat COVID-19. Find out more. Top Stories. March 09, 2021. Promising Vaccine Developed for Deadly Leptospirosis Bacteria. Read more. March 04, 2021. Yale School of Medicine students can complete traditional MD degrees or dual degrees like the MD/MPH or MD/MHS programs through the medical school. Other... Yale School of Medicine students are required to complete research projects and a thesis. A two-year Pre-Clinical Clerkship (PCC) class is mandatory. Students are broken into groups of four and are assigned a doctor as a mentor. Yale also hosts prestigious figures in the medical community in their Perspectives on Medicine seminars. Prospective students interested in a program that calls for independence and self-direction will enjoy Yale School of Medicine's innovative curriculum. Admissions. Application Volume. MCAT and GPA. In-State v Out-of-State Applicants. In-State v Out-of-State Matriculants.