Heart Failure: Pathophysiology, Molecular Biology, and Clinical Management

This second edition of Dr. Katz’s highly acclaimed text has been thoroughly revised to incorporate the latest advances in the study and treatment of heart failure.

The book explains the pathophysiology, molecular mechanisms, clinical manifestations, and therapy of heart failure in an integrated, reader-friendly manner that is accessible to both clinicians and basic scientists. More than 100 illustrations, most created for this book by the authors, complement the text.

This edition has been completely reorganized. Chapters describe the hemodynamic basis for the clinical manifestations of heart failure; the neurohumoral responses in heart failure and key signaling pathways that mediate functional responses; the proliferative responses in failing hearts; the cellular and molecular abnormalities in the failing heart; the rationale for various therapeutic approaches; and the management of specific groups of patients. The chapters on therapy have been written by a noted clinician, Marvin A. Konstam.