



The Kidney Physiology And Pathophysiology

Donald W. Seldin, Gerhard H. Giebisch



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Alpern, Michael J. Caplan, Orson W. Moe, 2012-12-31 A classic nephrology reference for over 25 years Seldin and Giebisch's *The Kidney* is the acknowledged authority on renal physiology and pathophysiology In this 5th edition such new and powerful disciplines as genetics and cell biology have been deployed to deepen and widen further the explanatory framework Not only have previous chapters been extensively updated but new chapters have been added to incorporate additional disciplines Individual chapters for example now provide detailed treatment of the significance of cilia the role of stem cells is now given special consideration Finally there has been a significant expansion of the section of pathophysiology incorporating the newer findings of cell biology and genetics If you research the development of normal renal function or the mechanisms underlying renal disease Seldin and Giebisch's *The Kidney* is your number one source for information Offers the most comprehensive coverage on the market of fluid and electrolyte regulation and dysregulation in 85 completely revised chapters and 10 new chapters Includes 4 sections 62 chapters devoted to regulation and disorders of acid base homeostasis and epithelial and nonepithelial transport regulation Includes foreword by Donald Seldin and Gerhard Giebisch world renowned names in nephrology and editors of the previous three editions *Seldin and Giebisch's The Kidney* Robert J. Alpern, Steven C. Herbert, 2007-10-01 A classic nephrology reference for over 20 years Seldin Giebisch's *The Kidney* is the acknowledged authority on renal physiology and pathophysiology The fourth edition follows the changed focus of nephrology research to the study of how individual molecules work together to affect cellular and organ function emphasizing the mechanisms of disease With over 40 new chapters and over 1000 illustrations this edition offers the most in depth discussion anywhere of the physiologic and pathophysiologic processes of renal disease Comprehensive authoritative coverage progresses from molecular biology and cell physiology to clinical issues regarding renal function and dysfunction If you research the development of normal renal function or the mechanisms underlying renal disease Seldin Giebisch's *The Kidney* is your number one source for information Offers the most comprehensive coverage of fluid and electrolyte regulation and dysregulation in 51 completely revised chapters unlike Brenner Rector's *The Kidney* which devotes only 7 chapters to this topic Includes 3 sections 31 chapters devoted to regulation and disorders of acid base homeostasis and epithelial and nonepithelial transport regulation Brenner Rector's only devotes 5 chapters to these topics Previous three editions edited by Donald Seldin and Gerhard Giebisch world renowned names in nephrology The title for the fourth edition has been changed to reflect their considerable work on previous editions and they have also written the forward for this edition Over 20 million adults over age 20 have chronic kidney disease with the number of people diagnosed doubling each decade making it America's ninth leading cause of death **Seldin and Giebisch's The Kidney** Robert J. Alpern, Steven C. Hebert, 2007-10-10 A classic nephrology reference for over 20 years Seldin Giebisch's *The Kidney* is the acknowledged

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The Kidney Physiology And Pathophysiology Book Review: Unveiling the Power of Words

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