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Sommario/riassunto

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.
