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The Kidney: Physiology and Pathophysiology (Vols 1-3)

Donald W. Seldin

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Donald W. Seldin : The Kidney: Physiology and Pathophysiology (Vols 1-3) before purchasing it in order to gauge whether or not it would be worth my time, and all praised The Kidney: Physiology and Pathophysiology (Vols 1-3):

The new second edition places a greater emphasis on the molecular biological aspects of the kidney than the previous edition. More than 100 expert contributing authors cover all aspects of the physiology and pathophysiology of the kidney. The book covers the general principles of electrolyte regulation, including organization of body fluid compartments and molecular biology of transport; the structural organization of the kidney; renal regulation of extrarenal function; renal regulation of water, sodium and chloride, potassium, magnesium, calcium, phosphorus, acid-base, organic solutes and trace metals, and protein and macromolecule exchanges; failure of renal function; and renal pharmacology. Extensively revised, thoroughly updated, and expanded to three volumes, this text comprises a comprehensive review of renal physiology and pathophysiology incorporated the domain of renal molecular biology. This encyclopedic reference brings together the work of a multidisciplinary group of leading investigators to provide a resource for clinical nephrologists and trainees, graduate students, and researchers in physiology and nephrology. Coverage methodically progresses from molecular biology and cell physiology to clinical issues regarding renal function and dysfunction. Highlights of the second edition include an entirely new section on the molecular biology of

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