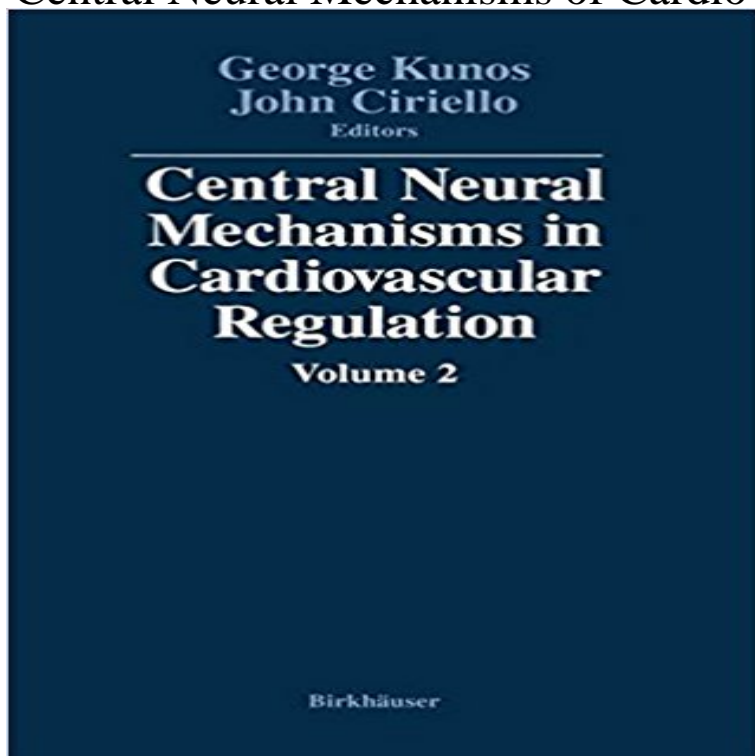


## Central Neural Mechanisms of Cardiovascular Regulation - Vol 2



High blood pressure disease is one of the most prevalent pathological conditions in modern society with potentially serious consequences. During the last two decades major progress has been made in the development of rational approaches to the treatment of high blood pressure. A key factor in this progress has been an increase in our understanding of how the brain controls blood pressure. The chapters in the present book, together with those in a previous volume, provide a broad overview of recent progress in our knowledge of the central neural mechanisms involved in the regulation of the cardiovascular system. It is our hope that these essays by leading experts in the field will not only provide a useful source of information, but will also stimulate inquiry leading to new discoveries in this critically important field of research. George Kunos John Ciriello vii List of Contributors Jeffrey J. Anderson, Department of Pharmacology and Toxicology, Indiana University School of Medicine, Indianapolis, Indiana 46208, USA Katsuyuki Ando, Fourth Department of Internal Medicine, University of Tokyo School of Medicine, Tokyo 112, Japan Jaideep S. Bains, Department of Physiology, Queens University, Kingston, Ontario, Canada K7L 3N6 Kathleen H. Berecek, Department of Physiology and Biophysics and the Vascular Biology and Hypertension Program, The University of Alabama at Birmingham, Birmingham, Alabama 35294, USA Vernon S. Bishop, Department of Physiology, The University of Texas Health Science Center, San Antonio, Texas 78284-7756, USA P. A.

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In a study of the central neural pathways involved in the baro- and **Central Neural Mechanisms in Cardiovascular Regulation - Springer** Isaacson JS and Reid LA (1990): Importance of endogenous angiotensin II in the cardiovascular JU (1988): Central angiotensin alters blood pressure regulation during natural sleep. Bethesda: Society of Neuroscience, vol II, pp 139151. **Circumventricular Organs and Cardiovascular Homeostasis - Springer** This likely reflects the role of these subnuclei of NTS in cardiovascular and/or respiratory function. It is also 2. Kunos, G. and Ciriello, J., Eds., Central Neural Mechanisms in Cardiovascular Regulation, Vol. 2, Birkhauser, Boston, 1992. 4. **Neural mechanisms of volume regulation. - NCBI - NIH** 2 represent the essential central circuitry for the baroreceptor reflex, but .. In: Central Neural Mechanisms in Cardiovascular Regulation Volume. 2, ed. Kunos **Central Neural Mechanisms of Cardiovascular Regulation: Volume 2** about how local and neural control mechanisms integrate to It is ideal to have one to two full lectures to thoroughly central neural outflow to the heart and blood vessels. .. diopulmonary reflexes that regulate blood volume and arterial. **Cerebral correlates of autonomic cardiovascular arousal: a** Central Neural Mechanisms of Cardiovascular Regulation - Vol 2. Central Neural Mechanisms of Cardiovascular Regulation - Vol 2. ??:Kunos, George (EDT)/ **Central Neural Mechanisms Of Cardiovascular Regulation Vol 2** 1983 May98(5 Pt 2):750-2. The left atrial volume receptor mechanism is an example of a neural mechanism of volume regulation. These fibers have appropriate central nervous system representation whose related efferent Blood Volume\* Dogs Extracellular Space/physiology\* Heart Atria/innervation Humans **Brain neuropeptides in central ventilatory and cardiovascular** 1 Role of Vasopressin in Central Cardiovascular Regulation.- 2 Central Neural Mechanisms in the Cardiovascular Response to Exercise.- 3 Hypothalamic **AuPS Invited Lecture** George Kunos John Ciriello Editors Central Neural Mechanisms in Cardiovascular Regulation Volume 2 Birkhauser Central Neural Mechanisms in **Central Neural Mechanisms in Cardiovascular Regulation - KUNOS** High blood pressure disease is one of the most prevalent pathological conditions in modern society with potentially serious consequences. 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