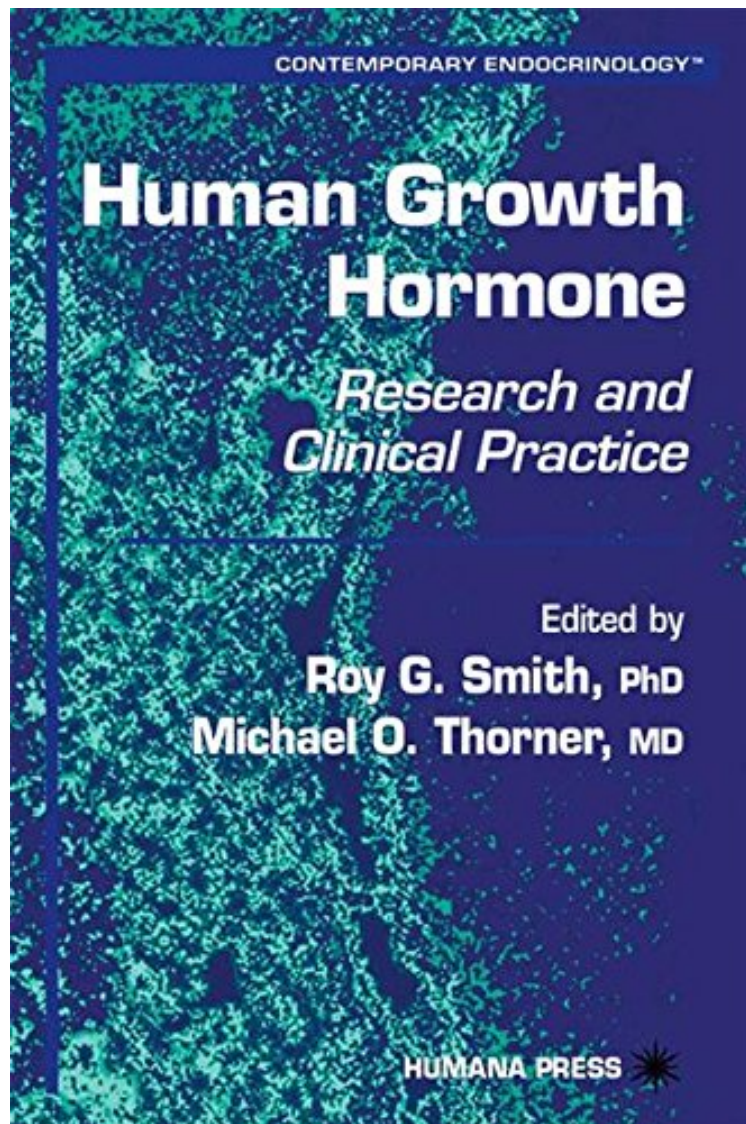


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Human Growth Hormone: Research and Clinical Practice (Contemporary Endocrinology)

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From Humana Press : Human Growth Hormone: Research and Clinical Practice (Contemporary Endocrinology) before purchasing it in order to gage whether or not it would be worth my time, and all praised Human Growth Hormone: Research and Clinical Practice (Contemporary Endocrinology):

In a state-of-the-art synthesis of basic science and clinical practice, Roy Smith and a distinguished panel of researchers and clinicians review GH regulation and its action at the molecular level, and describe the basis for GH deficiency and the use of GH as therapy in a variety of clinical situations. The clinical presentation moves beyond the treatment of GH-deficient children to include the genetics of GH-deficiency, GH-deficiency in adults, osteoporosis, Syndrome X, sleep quality, GH in AIDS patients, GHRH in clinical studies. Timely and innovative, Human Growth Hormone: Research and Clinical Practice will benefit both basic and clinical researchers, as well as those clinical endocrinologists who want to use growth hormone not only in treating children, but also in treating adult disorders, including those associated with metabolic disease.

"This book is designed as a summary of the basic and clinical aspects of the regulation of GH axis as well as the effects of GH in catabolic conditions and GH deficiency. . . Particularly good are the basic chapters on the design of GH secretagogues, structure and function of GH receptor, and the CNS effects of GH. The chapter on interrelations between GH secretion and sleep is superb in that it is a brief but comprehensive treatment of the topic. . . This is a good summary of some novel aspects of basic GH research." -Doody's Health Science Book Journal "A concise, well written, amply illustrated and referenced text." -Journal of Pediatric Endocrinology Metabolism "Human Growth Hormones: Research and Clinical Practice fulfills every expectation of excellence, largely as a result of the outstanding caliber of the contributors....the volume blends the basic-science elements of secretagogue discovery with the investigative clinical applications of GHRHs and GHRPs in the thorough and thoughtful manner....Central nervous system (CNS) actions of GHRH and GHRP agonists are presented in two outstanding chapters, followed by a brief but comprehensible biomathematical model of agonist-receptor-driven GH secretion as modulated by somatostatin restraint. The overview of pediatric neuroendocrinology by Bercu et al. is comprehensive and articulate....The illustrations throughout the text are plentiful and superb....As a clinical neuroendocrinologist working in the arena of GH pathophysiology, and teaching at the basic fellowship level, I regard this as one of the bright stars among scholarly updates for clinicians, research fellows and senior scientists" -Trends in Endocrinology and Metabolism

From the Back Cover In Human Growth Hormone: Research and Clinical Practice, Roy Smith and a distinguished panel of researchers and clinicians combine a review of GH regulation and its action at the molecular level with a state-of-the-art description of the basis for GH deficiency and the use of GH therapy in a variety of clinical situations. The clinical uses of GH discussed here move beyond the treatment of GH-deficient children to include the genetics of GH-deficiency, GH-deficiency in adults, osteoporosis, Syndrome X, sleep quality, GH in AIDS patients, and GHRH in clinical studies. Also described are a family of GH-secretagogues that bind to a new orphan receptor controlling the physiology of GH release. The discussion of the new GH therapeutics includes their design, their action as regulators in the pituitary gland and in the central nervous system, and their use as new agents for treating growth hormone deficiency states. Human Growth Hormone: Research and Clinical Practice offers an unprecedented cutting-edge synthesis of basic science and clinical practice. Timely and innovative, this book will benefit both basic and clinical researchers, as well as those clinical endocrinologists who want to use growth hormone not only in treating children, but also in treating adult disorders, including those associated with metabolic disease.