

Book Review

Title of the Book : Endocrinology: Hormones and Human Health

Author: Prakash S Lohar

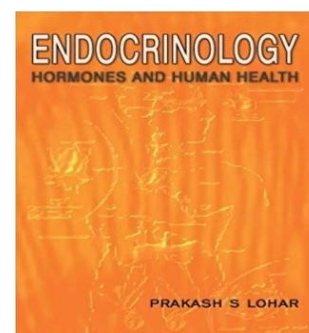
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The given text is a review of the book “Endocrinology: Hormones and Human Health” which focuses on hormonal coordination and disorders in human body. It was published in 2014 by Prakash S Lohar. It contains 305 pages and was priced Rs. 350.

This book is intended to aid basic understanding of the hormonal mechanism, its physiological principles and to help medical, nursing and biology students. The contents of the book will stimulate the interest among students and kindle them to understand every aspect of hormonal coordination in the human body. Generally speaking, the book provides a comprehensive overview including topics ranging from basic introductory descriptions of hormones, working mechanism, endocrine systems on phenomena as affective disorders. Regarding presentation of the content, it serves aptness for undergraduate courses, with many illustrations and graphs which would enhance readability especially for students. There are more surprising number of current topics that reflect the state of the art with unique illustrations. Important points have been kept in the ‘side boxes’ so that the students can revise the book easily within a short period of time.

In this regard, the author has succeeded in exemplifying the innovative methods and findings with truly well-crafted diagrams and text. These rapid advances are covered in each chapter of Endocrinology book. Every chapter introduces with the concise theory of each topic, followed by synopsis which is the learning goal of reading and ends with a summary of the main points and questions for discussion. The material in this book is organized by glandular system in such a way into twelve sections which are further divided into 11 chapters. These sections include different endocrine glands, glandular secretion and feedback mechanism. It is familiar that, the spatial arrangement of chemical bio molecules and the resulting effects on their function have become a focus of attention in science. The integration of cell signaling pathway involvement of receptors in signal transduction along with endocrine glands dysfunction are incorporated and elaborated in detail. This hormonal book is a good tool for those students who intend to specialize in molecular biology, though the coverage is apt and comprehensive for others too.

This book in association with many contributors with special reference to paediatric and female endocrinology to address specific, relevant and topical issues on the aetiology,

pathogenesis, differential diagnosis and current treatment of patients with retarded growth . It provides a lucid, comprehensive and educationally refreshing insight into the three major categories of growth hormone deficiency (GHD); those with organic lesions, idiopathic and patients genetical predetermination. The congenital forms are particularly informative. A review of the clinical presentation and incidence of these conditions are systematically analyzed. Furthermore, all the topics are readily understandable with distinctive explanations for both learning and reference purposes. Though some students will probably be taken aback at the sheer wealth of information, they nevertheless will have a book that proves quite handy later in their careers, when they need to find the details of the biochemical principles that underlie specific problems.

Endocrinology book will be interesting to anyone who plans to work in the life sciences industry. In many subject areas, Prakash.S. Lohar bridges the gap between hormone and drug discovery, since a number of drugs and their functions are scattered throughout the text. Prakash also recommends for those who are already working in medicinal field, pharmaceutical or related areas. In addition to the elementary background material contained, current research topics are addressed in detail in the book which extend support for pharmaceutical field. The book is nevertheless a worthwhile investment, since one finds therein practically all the topics in human health with detailed and well-illustrated explanations.

- **Dr.P.Sathiya Bama**

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