Outlining recent milestones in obesity research

Obesity and Metabolism

Editor: Márta Korbonits

It has become increasingly difficult to keep up with the growing body of literature on the genetics, metabolic phenotype and treatment of obesity. This volume brings together an array of chapters from many of the foremost authorities and researchers in this area. Key advances in the genetics of obesity are summarized and the effects of obesity in pregnancy, childhood and old age explored. By scrutinizing the hormones and enzymes most recently implicated in the development, maintenance and consequences of obesity, the biochemical and physiological background of the abnormal metabolism of obesity is mapped out. Furthermore, a practical update on clinical approach and treatment of obesity is offered. Finally, the social aspects of obesity and the view of the obese body in art throughout the centuries are reflected.

A valuable overview of causes, metabolic disturbances and treatment options, this volume will appeal to those with an interest in clinical as well as pathophysiological and genetic aspects of obesity. Furthermore, it will provide useful reading for scientists and students who would like to broaden and update their knowledge in this area.

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The explosive growth in molecular science over the past few years has had considerable impact throughout medicine, not least in endocrinology, which is the branch of medicine in some ways most closely allied to basic molecular science. This series has for many years attempted to link areas undergoing active investigation with clinical endocrine medicine. The volumes focus on areas of molecular research at the cutting edge of endocrinology, and will particularly attempt to assess their impact on current clinical practice. Other volumes will attempt to expose the newest and most innovative therapeutic strategies in endocrinology, allowing a full exploration of the most novel drugs currently available or under investigation.