ATTENTION DEFICIT HYPERACTIVITY DISORDER
Attention Deficit Hyperactivity Disorder: *From Genes to Patients*, edited by David Gozal and Dennis L. Molfese, 2005

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ATTENTION DEFICIT HYPERACTIVITY DISORDER

From Genes to Patients

Edited by

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DEDICATION

This book is dedicated to all the children with attention deficit hyperactivity disorder and their parents who look to us to provide a better tomorrow.
Attention deficit hyperactivity disorder (ADHD) is a common neurobehavioral disorder affecting 5–10% of children and adolescents and 3% of adults. *Attention Deficit Hyperactivity Disorder: From Genes to Patients* aims to provide a comprehensive, state-of-the-art overview of the critical aspects of ADHD, and hopefully will serve as a quick and up-to-date reference source for professionals with an interest in ADHD.

The book is divided into three major areas that follow an historical survey. The first group of chapters deals with current theories on the pathophysiology of ADHD, and focuses on neurotransmitters and the contributions and validity of animal models. The second section emphasizes the evaluation and treatment of patients with ADHD, from the day-to-day approach by the clinical psychologist to the more sophisticated anatomical and functional imaging strategies that have emerged in the last decade. In addition, chapters dealing with specific impairments, such as those pertaining to reading, social interaction, and working memory, are also included for more detailed analysis of these important aspects and their respective contributions to global functioning. The third and final section provides an expanded review on the pharmacotherapy of ADHD and the appropriate methods for selection of specific drugs for individual patients based on drug kinetics and gene expression.

*David Gozal, MD*

*Dennis L. Molfese, PhD*
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