1. Record Nr. UNINA9910702867803321

Titolo	Attention Deficit Hyperactivity Disorder : From Genes to Patients / / edited by David Gozal, Dennis L. Molfese
Pubbl/distr/stampa	Totowa, NJ : , : Humana Press : , : Imprint : Humana, , 2005
ISBN	1-280-35930-7 1-59259-891-9 9786610359301 9781592598915
Edizione	[1st ed. 2005.]
Descrizione fisica	1 online resource (XII, 560 pages) : illustrations ; ; digital file (PDF)
Collana	Contemporary Clinical Neuroscience, , 2627-5341
Altri autori (Persone)	GozalDavid MolfeseDennis L
Disciplina	618.92/8589
Soggetti	Psychiatry
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Historical Aspects of Attention Deficit Hyperactivity Disorder -- Scanning the Genome for Attention Deficit Hyperactivity Disorder -- Dopamine Knockouts and Behavior -- The Spontaneously Hypertensive Rat as a Model of Attention Deficit Hyperactivity Disorder -- The Roles of Norepinephrine and Serotonin in Attention Deficit Hyperactivity Disorder -- Intermittent Hypoxia During Sleep as a Model of Environmental (Nongenetic) Contributions to Attention Deficit Hyperactivity Disorder -- The Psychological Evaluation of Attention Deficit Hyperactivity Disorder in School-Aged Children -- Executive Function -- The Neuropsychology of Attention Deficit Hyperactivity Disorder -- Attention Deficit Hyperactivity Disorder and Learning Disabilities -- Selective Attention Deficits in Children with Attention Deficit Hyperactivity Disorder -- Working Memory in Children with ADHD -- Developmental Underpinnings of the Association of Attention Deficit Hyperactivity Disorder and Its Subtypes to Neuropsychological and Academic Weaknesses -- Social Functioning of Children With Attention Deficit Hyperactivity Disorder -- Reading Disabilities in Children With Attention Deficit Hyperactivity Disorder -- Attention Deficit Hyperactivity Disorder and the Brain -- Anatomical and

Functional Neuroimaging Studies of Children and Adolescents With Attention Deficit Hyperactivity Disorder -- State Regulation and Attention Deficit Hyperactivity Disorder -- Sleep and Attention Deficit Hyperactivity Disorder -- Neuropsychological Performance in Adults With Attention Deficit Hyperactivity Disorder -- Psychostimulants in Attention Deficit Hyperactivity Disorder -- Pharmacokinetic and Pharmacodynamic Drug Interactions.

Sommario/riassunto

Attention deficit hyperactivity disorder (ADHD) is a common neurobehavioral disorder affecting 5-10% of children and adolescents and 3% of adults. In Attention Deficit Hyperactivity Disorder: From Genes to Patients, expert psychiatrists, psychologists, pharmacologists, and pharmaceutical scientists from around the world comprehensively review all critical aspects of our latest understanding of ADHD. The authors emphasize the evaluation and treatment of patients with ADHD, moving 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. Specific impairments, such as reading disabilities, social difficulties, and limited working memory are analyzed in detail, as well as for their respective contributions to global functioning. Additional chapters explain, in a readable style, current theories on the pathophysiology of ADHD, focusing on neurotransmitters and the insights gained from animal models. An expanded review of the pharmacotherapy of ADHD includes appropriate methods for selecting of specific drugs for individual patients based on drug kinetics and gene expression. Comprehensive and state of the art, Attention Deficit Hyperactivity Disorder: From Genes to Patients offers pediatricians, psychologists, and psychiatrists an authoritative guide to understanding the pathophysiology, symptomatology, evaluation, and treatment of patients with ADHD.

2. Record Nr. UNINA9910595068903321

Autore	Kovari Attila
Titolo	Applied Cognitive Sciences
Pubbl/distr/stampa	Basel, : MDPI Books, 2022
Descrizione fisica	1 electronic resource (292 p.)
Soggetti	Information technology industries
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Cognitive science is an interdisciplinary field in the study of the mind and intelligence. The term cognition refers to a variety of mental processes, including perception, problem solving, learning, decision making, language use, and emotional experience. The basis of the cognitive sciences is the contribution of philosophy and computing to the study of cognition. Computing is very important in the study of cognition because computer-aided research helps to develop mental processes, and computers are used to test scientific hypotheses about mental organization and functioning. This book provides a platform for reviewing these disciplines and presenting cognitive research as a separate discipline.