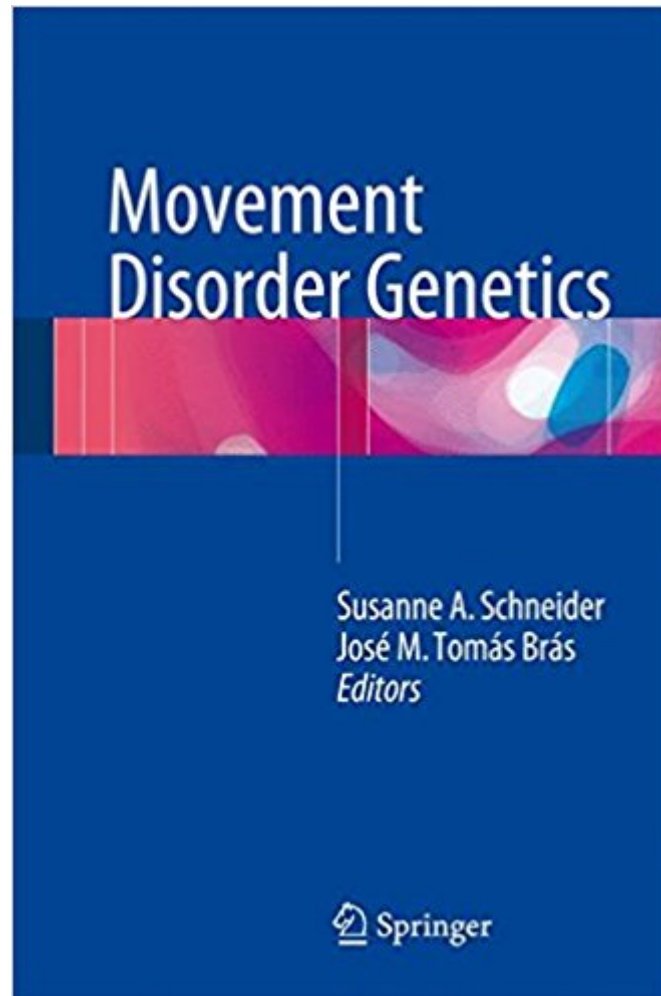




The book was found

Movement Disorder Genetics



Synopsis

This book covers recent developments and possible pitfalls in the diagnosis of genetic movement disorders and related conditions. It is divided into three sections: technical and scientific aspects; clinical aspects with guidance towards work-up; and ethical and legal aspects of genetic testing in a clinical and research setting. The first section includes chapters on genetic analysis and counselling with critical discussion of the potential problems when interpreting the results. Clinical chapters summarize genetic forms of movement disorders including parkinsonism, tics and dystonia with algorithms for hands-on daily practice. Related conditions such as RLS, ataxias and dementias are also covered. Finally, chapters on ethical and legal aspects of genetic testing are included. Movement Disorder Genetics is aimed at clinicians and scientists working in the field of movement disorders and related conditions.

Book Information

Hardcover: 530 pages

Publisher: Springer; 2015 edition (May 15, 2015)

Language: English

ISBN-10: 3319172220

ISBN-13: 978-3319172224

Product Dimensions: 6.1 x 1.2 x 9.2 inches

Shipping Weight: 2.2 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #2,349,389 in Books (See Top 100 in Books) #576 in Books > Textbooks > Medicine & Health Sciences > Medicine > Basic Sciences > Genetics #2150 in Books > Science & Math > Biological Sciences > Animals > Mammals #2359 in Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Neurology

Customer Reviews

This book covers recent developments and possible pitfalls in the diagnosis of genetic movement disorders and related conditions. It is divided into three sections: technical and scientific aspects; clinical aspects with guidance towards work-up; and ethical and legal aspects of genetic testing in a clinical and research setting. The first section includes chapters on genetic analysis and counselling with critical discussion of the potential problems when interpreting the results. Clinical chapters summarize genetic forms of movement disorders including parkinsonism, tics and dystonia with algorithms for hands-on daily practice. Related conditions such as RLS, ataxias and dementias

are also covered. Finally, chapters on ethical and legal aspects of genetic testing are included.Â Â Â Â Movement Disorder Genetics is aimed at clinicians and scientists working in the field of movement disorders and related conditions.Â Â

Susanne A. Schneider is a consultant neurologist and clinician scientist at the Department of Neurology in Kiel, Germany. She completed her neurology specialty training at the Queen Square Institute of Neurology in London, England and the University of LÃbeck, Germany. She has always had a great interest in movement disorders with focus on movement disorder genetics and electrophysiology. She holds a Ph.D. degree in neurosciences from University College London. She has received many awards, among others the European Dystonia Society David Marsden Award and the AAN Jon Stolk Award in Movement Disorders for Young Investigators. She has published more than 120 papers and is one of the four co-authors of Marsdenâ€™s Book of Movement Disorders. Selected publications include: Schneider SA, van de Warrenburg BP, Hughes TD, Davis M, Sweeney M, Wood N, Quinn NP, Bhatia KP. Phenotypic homogeneity of the Huntington disease-like presentation in a SCA17 family. *Neurology* 2006;67(9):1701-3. Schneider SA, Walker RH, Bhatia KP. The Huntington's disease-like syndromes: what to consider in patients with a negative Huntington's disease gene test. *Nat Clin Pract Neurol.* 2007;3(9):517-25. Schneider SA, Djarmati A, Lohmann K, Winkler S, Pawlack H, Hagenah J, BrÃggemann N, Zittel S, Fuchs T, RakoviÄž A, Schmidt A, Jabusch HC, Wilcox R, Kostić VS, Siebner H, AltenmÃller E, MÃnchau A, Ozelius LJ, Klein C. Mutations in the THAP1 (DYT6) gene- a cause of generalized dystonia with prominent spasmodic dysphonia. *Lancet Neurol* 2009;8(5):447-52. Paisan-Ruiz C, Bhatia KP, Li A, Hernandez D, Davis M, Wood NW, Hardy J, Houlden H, Singleton A, Schneider SA. Characterisation of PLA2G6 as a locus for dystonia-parkinsonism. *Ann Neurol.* 2009;65:19-23. Bras J, Verloes A, Schneider SA, Mole SE, Guerreiro RJ. Mutation of the parkinsonism gene ATP13A2 causes neuronal ceroid-lipofuscinosis. *Hum Mol Genet.* 2012;21(12):2646-50. Sheerin UM, Schneider SA, Carr L, Deuschl G, Hopfner F, Stamelou M, Wood NW, Bhatia KP. ALS2 mutations: juvenile amyotrophic lateral sclerosis and generalized dystonia. *Neurology* 2014;82(12):1065-7. Bras JM, Guerreiro RJ, Teo JT, Darwent L, Vaughan J, Molloy S, Hardy J, Schneider SA. Atypical parkinsonism-dystonia syndrome caused by a novel DJ1 mutation. *Mov Disord Clinical Pract.* 2014 (published online). Donaldson C, Marsden CD, Schneider SA, Bhatia KP. Marsdenâ€™s Book of Movement Disorders. Oxford University Press. 2012. ISBN13: 9780192619112 ISBN10: 019261911X Hardback, 1552 pages. JosÃ© Bras is a molecular geneticist whose research interests are primarily directed at how genetic variability acts on neurodegenerative

diseases. He performed his doctoral studies at the NIH under the supervision of Dr. Andrew Singleton and later moved to London, UK to pursue post-doctoral work at the Institute of Neurology, University College of London. Selected publications from Joseâ™s recent work include:Â Â Bras J, Guerreiro R, Santo GC. Mutant ADA2 in vasculopathies. N Engl J Med. PubMed PMID: 25075847. Bras J, Guerreiro R, Darwent L, et al. Genetic analysis implicates APOE, SNCA and suggests lysosomal dysfunction in the etiology of dementia with Lewy bodies. HumÂ Mol Genet. PubMed PMID: 24973356. Guerreiro R, Wojtas A, Bras J, et al. TREM2 variants in Alzheimer's disease. N Engl J Med. PubMed PMID: 23150934. Bras J, Guerreiro R, Hardy J. Use of next-generation sequencing and other whole-genome strategies to dissect neurological disease. Nat Rev Neurosci. PubMed PMID: 22714018. SimÃ n-SÃ nchez J, Schulte C, Bras JM, et al. Genome-wide association study reveals genetic risk underlying Parkinson's disease. Nat Genet. PubMed PMID: 19915575.

[Download to continue reading...](#)

Movement Matters: Essays on Movement Science, Movement Ecology, and the Nature of Movement
Movement Disorder Genetics
Thompson & Thompson Genetics in Medicine, 8e
(Thompson and Thompson Genetics in Medicine) Loose-leaf Version for Genetics: A Conceptual Approach 6E & Sapling Plus for Genetics: A Conceptual Approach 6E (Six-Month Access)
Genetics: From Genes to Genomes (Hartwell, Genetics) Essentials of Genetics Plus
MasteringGenetics with eText -- Access Card Package (9th Edition) (Klug et al. Genetics Series)
Concepts of Genetics Plus MasteringGenetics with eText -- Access Card Package (11th Edition) (Klug et al. Genetics Series)
Thompson & Thompson Genetics in Medicine: With STUDENT CONSULT Online Access, 7e (Thompson and Thompson Genetics in Medicine)
Genetics of Deafness (Monographs in Human Genetics, Vol. 20)
Eating Disorder Survivors Tell Their Stories (The Teen Health Library of Eating Disorder Prevention)
Back to Normal: Why Ordinary Childhood Behavior Is Mistaken for ADHD, Bipolar Disorder, and Autism Spectrum Disorder
ADHD Guide
Attention Deficit Disorder: Coping with Mental Disorder such as ADHD in Children and Adults,
Promoting Adhd Parenting: Helping with Hyperactivity and Cognitive Behavioral Therapy (CBT)
Disorders or Gifts?: My Journey through life managing Tourette Syndrome, Obsessive Compulsive Disorder, and Attention Deficit Disorder
Tictionary: A Reference Guide to the World of Tourette Syndrome, Asperger Syndrome, Attention Deficit Hyperactivity Disorder and Obsessive Compulsive Disorder for Parents and Professionals
Multiple Personality Disorder: Your Guide to Understanding The Interesting World of Dissociative Identity Disorder
Schizoaffective Disorder: Your Quick Guide to Understanding Schizoaffective Disorder (psychotic disorders)
Survival Strategies for Parenting

Children with Bipolar Disorder: Innovative Parenting and Counseling Techniques for Helping
Children with Bipolar Disorder and the Conditions that May Occur with It The Social Success
Workbook for Teens: Skill-Building Activities for Teens with Nonverbal Learning Disorder,
Asperger's Disorder, and Other Walking On Eggshells No More, A Practical Guide To
Understanding, Coping And Living With Someone Who Has Borderline Personality Disorder Or
Narcissistic Personality Disorder. Movement Disorder Surgery (Progress in Neurological Surgery,
Vol. 15)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)