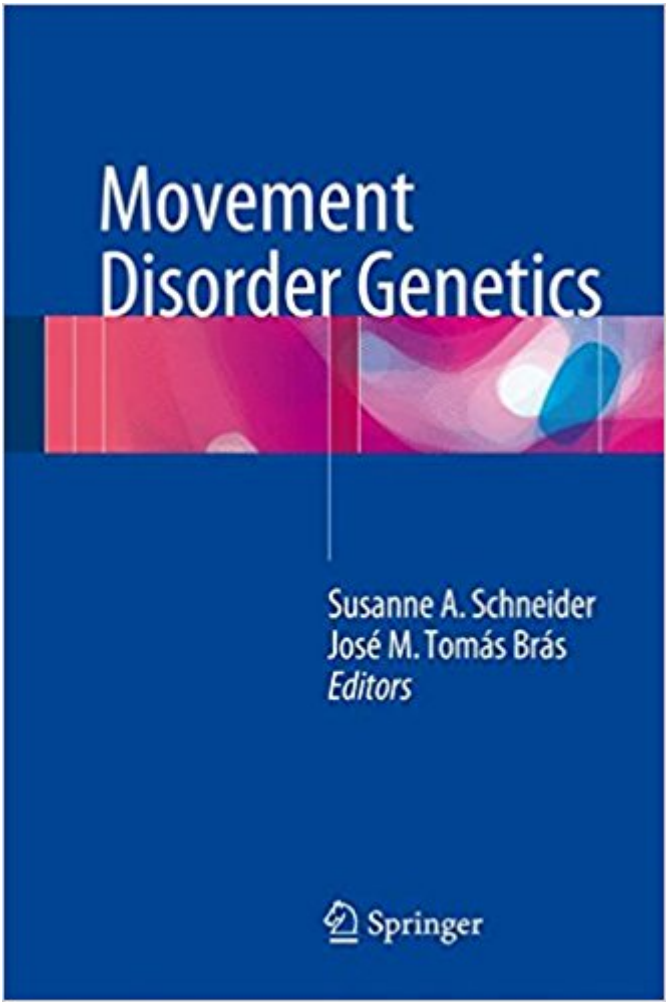
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Movement Disorder Genetics



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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 ofÃ Â potential problemsÃ Â 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.Ã Â Ã Â

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

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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 JoseÃ¢â ¬â„¢s recent work include:Ã Â Ã 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. HumÃ Â Mol Genet. PubMed PMID: 24973356Guerreiro R, Wojtas A, Bras J, et al. TREM2 variants in Alzheimer's disease. N Engl J Med. PubMed PMID: 23150934Bras 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.SimÃƒÂ n-SÃƒÂ¡nchez J, Schulte C, Bras JM, et al. Genome-wide association study reveals genetic risk underlying Parkinson's disease. Nat Genet. PubMed PMID: 19915575.

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