

## Essentials of cerebellum and cerebellar disorders: a primer for graduate students

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### Abstrak

Essentials of the Cerebellum and Cerebellar Disorders is the first book of its kind written specifically for graduate students and clinicians. It is based on the 4-volume treatise, Handbook of the Cerebellum and Cerebellar Disorders (Springer, 2013), the definitive reference for scientists and neurologists in the field of cerebellar neurobiology. There have been fundamental advances in the basic science and clinical neurology of the cerebellum and its role in sensorimotor function and cognition. This monograph makes this large and expanding body of knowledge readily accessible to trainees and clinicians alike. The editors are world leaders in the field, and the chapters are authored by an international panel of experts drawn from ataxia clinics and cerebellar laboratories throughout North America, Europe and Asia. Essentials provides a solid grounding in the field of cerebellar research and ataxiology from cerebellar circuitry to clinical practice, and it serves as a springboard to a deeper appreciation of both the principles and the complexities of cerebellar neurobiology. Clinicians are expected to have a deep appreciation of cerebellar disorders, not only in specialized ataxia clinics but also in adult and pediatric neurology, neurosurgery, psychiatry and neuropsychology practices, and in outpatient and inpatient rehabilitation settings. This book is an indispensable resource for students and practitioners navigating the evolving field of cerebellar motor and cognitive neurology. It also links to the more expansive Handbook for those who need to explore the topics in this monograph in greater depth.