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Titolo	Essentials of Cerebellum and Cerebellar Disorders : A Primer For Graduate Students // edited by Donna L. Gruol, Noriyuki Koibuchi, Mario Manto, Marco Molinari, Jeremy D. Schmahmann, Ying Shen
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Edizione	[2nd ed. 2023.]
Descrizione fisica	1 online resource (694 pages)
Disciplina	616.8
Soggetti	Neurosciences Neuroanatomy Neurophysiology Developmental neurobiology Cognitive neuroscience Neuroscience Development of the Nervous System Cognitive Neuroscience Cerebel Malalties cerebrals Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This monograph, now in its 2nd edition with 31 new chapters and significant updates, is the first book of its kind written specifically for graduate students and clinicians. The monograph is based on the 4-volume treatise, Handbook of the Cerebellum and Cerebellar Disorders (Springer, 2013; 2nd edition: 2022), the definitive reference for scientists and neurologists in the field of cerebellar neurobiology and related areas. There have been fundamental advances in the basic science and clinical neurology of the cerebellum and its role in sensorimotor function and cognition. Essentials of the Cerebellum and

Cerebellar Disorders makes this large and expanding body of knowledge readily accessible to trainees and clinicians alike. It is organized into easy to read and short chapters that are ideal for students and clinicians. The most common cerebellar disorders encountered in the clinic are covered. The editors are world leaders in the field, and the chapters are authored by an international panel of experts drawn from cerebellar laboratories and ataxia clinics throughout North America, Europe and Asia. Essentials provides a solid grounding in the field of cerebellar research and ataxiology from cerebellar cellular biology and 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.
