

1. Record Nr.	UNINA9911010537403321
Autore	Chaddad-Neto Feres
Titolo	Microneuroanatomy and Lab : A Step-by-Step Guide to Dissection // by Feres Chaddad-Neto, Marcos Devanir Silva da Costa
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2025
ISBN	3-031-91026-5
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (208 pages)
Collana	Medicine Series
Altri autori (Persone)	CostaMarcos Devanir Silva da
Disciplina	617.48
Soggetti	Nervous system - Surgery Neurology Neurosurgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Journey from the Laboratory to the Operating Room -- Chapter 2. Laboratory Setup -- Chapter 3. Types of Training Models and Preparation Strategies -- Chapter 4. Laboratory Documentation: Photographs and Videos -- Chapter 5. Dissecting the Brain Surface -- Chapter 6. Brain Surface White Fibers -- Chapter 7. Dissecting the Lateral and Third Ventricle -- Chapter 8. Dissecting the Central Core -- Chapter 9. Dissecting the Brain Stem -- Chapter 10. Dissection of the Cerebellum and Fourth Ventricle -- Chapter 11. Supratentorial Arterial Vascularization -- Chapter 12. Dissecting the Brain Vein System -- Chapter 13. Infratentorial Arterial Vascularization -- Chapter 14. History and Evolution of the Neuroanatomy Lab Training -- Chapter 15. The Future of Microneuroanatomy Training.
Sommario/riassunto	Detailed knowledge of nervous system anatomy and microsurgical training in the laboratory are essential to understanding the brain. This practical book introduces the Neuroanatomical Lab for medical students, neurosurgical and neurology residents, and neurosurgeons. It addresses all the basic tenets of the laboratory routine, specimens' preparations and also details all types of brain dissections. How to build a Microneurosurgical Lab? How to prepare models for microsurgical training? How to start the Lab Training? How to dissect the important anatomical regions of the brain? All of these questions are discussed in the 15 didactic chapters and are richly illustrated by

images. More than an educational manual, this is a fascinating step-by-step guide to starting the anatomical dissection of the brain and for microsurgical training. From basic to advanced, this work reflects the authors extensive experience, making it an indispensable tool for students and practitioners interested in understanding the brain in-depth.
