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Titolo	Neuroanatomy of the Mouse : An Introduction / / by Hannsjörg Schröder, Natasha Moser, Stefan Huggenberger
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Descrizione fisica	1 online resource (XI, 349 p. 269 illus., 241 illus. in color.)
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Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Rodent Taxonomic and biological data -- Basic Neurohistology -- Basic Neuroanatomy/ Coverings of the CNS/ Cerebrospinal fluid system -- Microscopic anatomy of the mouse brain -- The mouse spinal cord -- The mouse brainstem -- The mouse cerebellum -- The mouse dorsal thalamus -- The mouse hypothalamus.-The mouse cerebral cortex.-The mouse hippocampus.- The mouse amygdala -- The mouse caudate putamen -- The mouse olfactory system -- The mouse circle of Willis.
Sommario/riassunto	This textbook describes the basic neuroanatomy of the laboratory mouse. The reader will be guided through the anatomy of the mouse nervous system with the help of abundant microphotographs and schemata. Learning objectives and summaries of key facts at the beginning of each chapter provide the reader with an overview on the most important information. As transgenic mice are one of the most widely used paradigms when it comes to modeling human diseases, a basic understanding of the neuroanatomy of the mouse is of considerable value for all students and researchers in the

neurosciences and pharmacy, but also in human and veterinary medicine. Accordingly, the authors have included, whenever possible, comparisons of the murine and the human nervous system. The book is intended as a guide for all those who are about to embark on the structural, histochemical and functional phenotyping of the mouse's central nervous system. It can serve as a practical handbook for students and early researchers, and as a reference book for neuroscience lectures and laboratories. .
