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	Altri autori (Persone)	MoutonPeter R
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	Nota di contenuto	The power and promise of neurostereology / Peter R. Mouton -- Stereological estimation of brain volume and surface area from MR images / Niyazi Acer and Mehmet Turgut -- Cell proliferation in the brains of adult rats exposed to traumatic brain injury / Sandra A. Acosta, Naoki Tajiri, Paula C. Bickford, and Cesar V. Borlongan -- Age-effects in substantia nigra of Asian Indians / Phalguni Anand Alladi -- Design-based stereology in the brain bank setting / Mark Burke -- Practical stereology for preclinical neurotoxicology / Mark T. Butt -- An overabundance of prefrontal cortex neurons underlies early brain overgrowth in autism / Eric Courchesne and Peter R. Mouton -- Order in chaos : stereological studies of nervous tissue / Peter Dockery -- Comparative stereology studies of brains from marine mammals / Nina Eriksen and Bente Pakkenberg -- Quantitative assessment of hippocampus architecture using the optical disector / Shozo Jinno -- The possible applications (and pitfalls!) of stereological analysis in post-mortem brain research / Ahmad A. Khundakar and Alan J. Thomas -- Visualisation of blood vessels in two-dimensional and three-dimensional environments for vascular stereology in the brain / Zerina Lokmic -- Blood flow analysis in epilepsy using a novel stereological approach / Rocio Leal-Campanario, Luis Alarcon-Martinez, Susana Martinez-Conde, Michael Calhoun, and Stephen Macknik -- AD-type neuron loss in transgenic mouse models / Kebreten F. Manaye and

Peter R. Mouton -- Quantification in populations of non-uniformly distributed cells in the human cerebral cortex / William L. Maxwell -- The effects of high-fat diet on the mouse hypothalamus : a stereological study / Mohammad Reza Namavar, Samira Raminfard, Zahra Vojdani Jahromi, and Hassan Azari -- 2-D and 3-D morphometric analyses comparing three rodent models / JiHyuk Park and S. Omar Ahmad -- A stereologic perspective on autism neuropathology / Neha Uppal and Patrick R. Hof.

| Sommario/riassunto | Stereological methods provide researchers with unparalleled quantitative data from tissue samples and allow for well-evidenced research advances in a broad range of scientific fields. Presenting a concise introduction to the methodology and application of stereological research in neuroscience, Neurostereology provides a fuller understanding of the use of these methods in research and a means for replicating successful scientific approaches. Providing sound footing for future research, Neurostereology is a useful tool for basic and clinical researchers and advanced students lo |