

Paperback Reissue

Basic relevant information on methodologies used in neurological disease models can be extremely hard to find. Originally published in 2006, this important reference work contains 30 chapters from over 60 internationally recognized scientists and covers every major methodology and disease model used in neuroscience research. Divided into two major sections, the first deals with general methodologies in neuroscience research covering topics from animal welfare and ethical issues to surgical procedures, post-operative care and behavioral testing. Section two covers every major disease model including traumatic brain injury, ischemia and stroke, to Parkinson's, motor neurone disease, epilepsy and sleep disorders. Delivering critical methodological information and describing small animal models for almost all major neurological diseases, this book forms an essential reference for anyone working in neuroscience, from beginning students to experienced researchers and medical professionals.

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