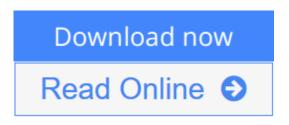


Paxinos and Franklin's the Mouse Brain in Stereotaxic Coordinates, Fourth Edition

By George Paxinos, Keith B.J. Franklin



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In the years since its first publication, *Paxinos and Franklin's the Mouse Brain in Stereotaxic Coordinates* has received virtually universal acceptance in neuroscience as the authoritative source for stereotaxic coordinates and delineations. This atlas is constructed in the style of *The Rat Brain in Stereotaxic Coordinates*, the most cited publication in neuroscience. The completely revised and updated 4e of *Paxinos and Franklin's the Mouse Brain in Stereotaxic Coordinates* features high-quality color plates scanned by the renowned microscopy unit of the Allen Institute for Brain Science. Constructed by the leaders in neuroanatomical atlas development, the new edition will maintain the position of the atlas as an indispensable resource for scientists working on the mouse brain.

- 100 coronal diagrams and accompanying photographic plates spaced at 120-m intervals; diagrams completely revised
- 32 sagittal diagrams and accompanying photographic plates; diagrams completely revised
- 30 horizontal diagrams and accompanying photographic plates; diagrams completely revised
- The most accurate and widely used stereotaxic coordinate system
- Nomenclature and abbreviations harmonized with the atlases of the brains of the rat, chick, marmoset, rhesus and human
- Electronic diagrams available to purchasers of this book via booksite.elsevier.com/9780123910578/

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Editorial Review

From the Back Cover

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About the Author

Professor George Paxinos, AO (BA, MA, PhD, DSc) completed his BA at The University of California at Berkeley, his PhD at McGill University, and spent a postdoctoral year at Yale University. He is the author of almost 50 books on the structure of the brain of humans and experimental animals, including The Rat Brain in Stereotaxic Coordinates, now in its 7th Edition, which is ranked by Thomson ISI as one of the 50 most cited items in the Web of Science. Dr. Paxinos paved the way for future neuroscience research by being the first to produce a three-dimensional (stereotaxic) framework for placement of electrodes and injections in the brain of experimental animals, which is now used as an international standard. He was a member of the first International Consortium for Brain Mapping, a UCLA based consortium that received the top ranking and was funded by the NIMH led Human Brain Project. Dr. Paxinos has been honored with more than nine distinguished awards throughout his years of research, including: The Warner Brown Memorial Prize (University of California at Berkeley, 1968), The Walter Burfitt Prize (1992), The Award for Excellence in Publishing in Medical Science (Assoc Amer Publishers, 1999), The Ramaciotti Medal for Excellence in Biomedical Research (2001), The Alexander von Humbolt Foundation Prize (Germany 2004), and more.

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