



# **Stereotaxic and Chemoarchitectural Atlas of the Brain of the Common Marmoset (*Callithrix jacchus*)**

*Craig D. Hardman, Ken W. S. Ashwell*

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Developing better therapies for neurological conditions such as Parkinson's and Alzheimer's diseases remains an enduring problem for 21<sup>st</sup> century medicine. The testing of novel therapies will continue to require a robust experimental animal model. The marmoset is an ideal animal model for modern neurological research because of the species' convenient body size, ease of handling, and the fundamental similarity of its neuroanatomy to the human brain.

**The Stereotaxic and Chemoarchitectural Atlas of the Brain of the Common Marmoset (*Callithrix jacchus*)** is the most detailed atlas of the marmoset brain available. An essential tool for researchers developing more effective therapies for disabling and debilitating neurological disorders, the book contains:

- Fully delineated, high-quality (400x magnification) images of Nissl-stained, acetylcholinesterase histochemically-stained and parvalbumin, calbindin and neurofilament immunohistochemically-stained coronal and sagittal sections, as well as structural magnetic resonance images (MRI) for direct comparisons
- Line diagrams with delineations of all cortical and subcortical structures, with grid overlays so the precise position of each structure can be located stereotaxically relative to the interaural line and infraorbital margin
- Quantitative data regarding volume and cell number of many of the structures delineated in the atlas, regularly updated on an accompanying website
- Standard nomenclature widely used in the Paxinos group of atlases, allowing users to compare and contrast homologous nuclei in different species using the major available atlases

The book combines modern imaging (MRI) with an accurate stereotaxic and chemoarchitectonic section atlas, making the fullest use of available technologies. The companion DVD includes all the images in full color. Designed by publishing neuroanatomists, this book/DVD will be a cornerstone in marmoset brain research for years to come.

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Exactly why? Because this Stereotaxic and Chemoarchitectural Atlas of the Brain of the Common Marmoset (*Callithrix jacchus*) is an unordinary book that the inside of the e-book waiting for you to snap the item but latter it will surprise you with the secret the item inside. Reading this book close to it was fantastic author who else write the book in such incredible way makes the content inside easier to understand, entertaining means but still convey the meaning entirely. So , it is good for you for not hesitating having this nowadays or you going to regret it. This excellent book will give you a lot of benefits than the other book include such as help improving your proficiency and your critical thinking means. So , still want to hold up having that book? If I ended up you I will go to the guide store hurriedly.

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That publication can make you to feel relax. That book Stereotaxic and Chemoarchitectural Atlas of the Brain of the Common Marmoset (*Callithrix jacchus*) was colourful and of course has pictures on there. As we know that book Stereotaxic and Chemoarchitectural Atlas of the Brain of the Common Marmoset (*Callithrix jacchus*) has many kinds or genre. Start from kids until adolescents. For example Naruto or Detective Conan you can read and feel that you are the character on there. Therefore not at all of book are generally make you bored, any it makes you feel happy, fun and rest. Try to choose the best book for you and try to like reading that will.

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