



# Cingulate Neurobiology and Disease

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## Cingulate Neurobiology and Disease From Oxford University Press

In the past 15 years parts of the cingulate cortex have been activated in thousands of neuroimaging studies and it has become a primary site of interest in structural and functional analyses of many neurological and psychiatric diseases. There are now more than 20 times the number of annual publications that analyse this region than there were 30 years ago.

There are many diseases that have an early and direct impact on the cingulate cortex, including, chronic pain and stress syndromes, depression, obsessive-compulsive and attention-deficit/hyperactivity disorders, and neurodegenerative diseases such as schizophrenia, mild cognitive impairment, dementia with Lewy bodies, and Alzheimer's disease.

This major new text brings together cutting-edge information on the human cingulate cortex and its diseases as written by the leading authorities, and synthesizes these with other approaches - including neurophysiology and neuroanatomy in experimental animals; mainly in monkeys. The book considers cingulate infrastructure in terms of its cytology, receptor binding and circuitry, including functions such as emotion and autonomic and skeletomotor regulation, pain processing and chronic stress syndromes, cognition, and visuospatial orientation.

*Cingulate Neurobiology and Disease* is a major publication in neuroscience, one that will have a major influence on research for years to come.

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## Editorial Review

### Review

"This is an excellent reference on the neurobiology of the cingulum and its relationship to diseases."--*Doody's*

### About the Author

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