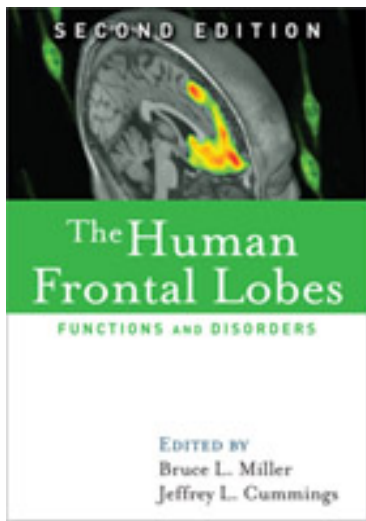


BEST SELLER



The Human Frontal Lobes **Second Edition: Functions and Disorders**



**Edited by Bruce L. Miller
And Jeffrey L. Cummings**

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Overview

Now in a revised and expanded second edition, this authoritative work synthesizes the rapidly growing knowledge base on the human frontal lobes and their central role in behaviour, cognition, health, and disease. Leading contributors address neuroanatomy, neurochemistry, and normal neuropsychological functioning, and describe the nature and consequences of frontal lobe dysfunction in specific neurological and psychiatric conditions. Second edition features include a new section on structural and functional neuroimaging and substantially expanded coverage of frontotemporal dementia and related disorders. Other new topics include self-consciousness, competence, and personality; new testing approaches; bipolar disorder; and adult-onset genetic disorders of the frontal lobes. The book is illustrated with nearly 100 figures.

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Reviews

"A well-written and comprehensive text from two eminent clinical neuroscientists. In keeping with a tradition of excellence, this second edition expands on the editors' highly successful first edition. A historical and conceptual overview has been added, as well as a new section on imaging that includes contributions from foremost experts. Advances in the understanding of frontotemporal dementia are also reflected in chapters emphasizing the importance of this previously understudied disease. This text is a 'must read' for anyone seriously interested in understanding the biology of behaviour and the diseases that cause it to go awry."

-Charles DeCarli, MD, Department of Neurology and Centre for Neuroscience, University of California, Davis

"Few areas of the brain have attracted more research than the frontal lobes. Once considered esoteric, frontal lobe disease is now a common diagnosis in patients with neurodegenerative dementias. This updated second edition, edited by two prominent leaders in behavioural and cognitive neurology, contains a thoughtfully integrated exploration of frontal lobe neuroanatomy, neurochemistry, imaging, and neuropsychology. The contributors include some of the most productive clinicians and scientists in the field. Drs. Miller and Cummings have edited a volume that deserves to become the standard reference work on the human frontal lobes."

-Marsel Mesulam, MD, Cognitive Neurology and Alzheimer's Disease Centre, Feinberg School of Medicine, Northwestern University

About the Editors

Bruce L. Miller, MD, is Professor of Neurology at the University of California at San Francisco (UCSF), where he holds the A.W. & Mary Margaret Clausen Distinguished Chair. He is also the clinical director of the aging and dementia program at UCSF, where he heads the State of California Research and Clinical Centre and a new National Alzheimer's Disease Research Centre. For nearly two decades, Dr. Miller has been the scientific director of the John Douglas French Foundation for Alzheimer's Disease. He has been listed in The Best Doctors in America since 1996. Dr. Miller directs a National Institutes of Health-funded program on frontotemporal dementia (FTD) called "FTD: Genes, Images, and Emotions." He has published more than 250 articles.

Jeffrey L. Cummings, MD, is Director of the Alzheimer's Disease Research Centre and the Deane F. Johnson Centre for Neurotherapeutics at the University of California at Los Angeles (UCLA). He is the Augustus S. Rose Professor of Neurology and Professor of Psychiatry and Biobehavioural Sciences in the David Geffen School of Medicine at UCLA. Dr. Cummings is past president of the American Neuropsychiatric Society and the Behavioural Neurology Society. He is the recipient of several prestigious awards, including the Henderson Lectureship of the American Neurological Society. Dr. Cummings has lectured, pursued research, and published on the topics of neuropsychiatry, behavioural neurology, neurotherapeutics, and drug development. He has contributed to the understanding of the role of the frontal-subcortical circuits in the behaviour of normal individuals and of persons with brain disorders, and is the author of the Neuropsychiatric Inventory, a tool used to assess behavioural changes in patients with neurological diseases.

Audience

Clinicians, students, and researchers in neuropsychology and neuroscience, psychiatry, neurology, clinical psychology, and gerontology.

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