



NEW PERSPECTIVES IN CEREBRAL LOCALIZATION

Edited by Michael S. Gazzaniga and Daniel W. Hommer

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New Perspectives In Cerebral Localization

Valerie Strong,Heather White

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New Perspectives in Cerebral Localization Richard A. Thompson, John R. Green, 1982-01-01 **New perspectives in cerebral localization. Proceedings of a Symposium....sponsored by the Barrow Neurological Institute** Richard A.

Thompson, 1982 **Cerebral Cortex** Alan Peters, Edward G. Jones, 2013-11-11 This volume of the series on Cerebral Cortex deals with a variety of topics that need to be considered in our overall understanding of the functions of the cerebral hemispheres Chapters in the first part of this volume deal with normal functions that were not covered in earlier volumes while chapters in the latter part deal with the functioning of the cortex in various altered states The first chapter is by Eberhard Fetz Keisuke Toyama and Wade Smith and it considers the interactions that can be demonstrated to exist between cortical neurons by using the technique of cross correlation The second chapter is by Brent Vogt who examines the connections and functions of layer I of the cerebral cortex a layer that has been largely ignored in the past and he proposes that this layer probably plays an important role in learning and memory acquisition This is followed by a chapter in which Oswald Steward presents a review of what is currently known about synaptic replacement following denervation of cortical neurons and especially those in the hippocampus

Neuropsychological Studies of Apraxia and Related Disorders

E.A. Roy, 1985-02-01 Apraxia is a term used to denote a disorder in the performance of limb verbal and oral non verbal gestures with often preserved ability to perform these same gestures outside the clinical setting in the appropriate situation or environment Over the past century and particularly in the past four decades a great deal of research has focused on understanding the nature of this complex disorder This book is a review of current approaches to the study of apraxia and related action sequencing disorders as well as an examination of the mechanisms thought to underly these disorders Neuropathological processes associated with apraxia are evaluated and principles of motor control handedness and bimanual coordination are considered as they relate to the study of apractic disorders

Cerebral Cortex Edward G. Jones, Alan Peters, 2012-12-06 The cerebral cortex especially that part customarily designated neocortex is one of the hallmarks of mammalian evolution and reaches its greatest size relatively speaking and its widest structural diversity in the human brain The evolution of this structure as remarkable for the huge numbers of neurons that it contains as for the range of behaviors that it controls has been of abiding interest to many generations of neuroscientists Yet few theories of cortical evolution have been proposed and none has stood the test of time In particular no theory has been successful in bridging the evolutionary gap that appears to exist between the pallium of non mammalian vertebrates and the neocortex of mammals Undoubtedly this stems in large part from the rapid divergence of non mammalian and mammalian forms and the lack of contemporary species whose telencephalic wall can be seen as having transitional characteristics The monotreme cortex for example is unquestionably mammalian in organization and that of no living reptile comes close to resembling it Yet anatomists such as Ramon y Cajal on examining the finer details of cortical structure were struck by the similarities in

neuronal form particularly of the pyramidal cells and their predisposition to laminar alignment shared by representatives of all vertebrate classes **National Union Catalog** ,1982 Includes entries for maps and atlases *Current Catalog* National Library of Medicine (U.S.),1982 First multi year cumulation covers six years 1965-70 **National Union Catalog, 1982** ,1983 *The Throwing Madonna* William H. Calvin,2010-09-15 A group of 17 essays The Throwing Madonna The Lovable Cat Mimicry Strikes Again Woman the Toolmaker Did Throwing Stones Lead to Bigger Brains The Ratchets of Social Evolution The Computer as Metaphor in Neurobiology Last Year in Jerusalem Computing Without Nerve Impulses Aplysia the Hare of the Ocean Left Brain Right Brain Science or the New Phrenology What to Do About Tic Douloureux Linguistics and the Brain's Buffer The Woodrow Wilson Story Thinking Clearly About Schizophrenia Of Cancer Pain Magic Bullets and Humor Linguistics and the Brain's Buffer Probing Language Cortex The Second Wave and The Creation Myth Updated A Scenario for Humankind [The Epileptic Focus](#) Heinz Gregor Wieser,Erwin-Josef Speckmann,Jerome Engel,1987

Hominid Evolution Valerie Strong,Heather White,1985 Papers by M H Wolpoff and P J Habgood separately annotated

Epilepsy Surgery Hans Lüders,Youssef G. Comair,2001-01-01 The thoroughly revised and updated Second Edition of this landmark work is the most comprehensive and current reference on the surgical treatment of the epilepsies More than 100 invited experts from around the world present a global view of contemporary approaches to presurgical evaluation surgical treatment and postsurgical assessment This edition provides detailed information on the vital role of structural and functional neuroimaging in presurgical evaluation and surgical planning Noted experts offer up to date patient selection guidelines and explain current concepts of intractability The book details the most effective surgical techniques presents extensive data on surgical outcome and discusses strategies for preventing and managing complications More than 500 illustrations complement the text An appendix section includes protocols and outcome statistics from over 50 leading epilepsy surgery centers **National Library of Medicine Current Catalog** National Library of Medicine (U.S.),1982

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