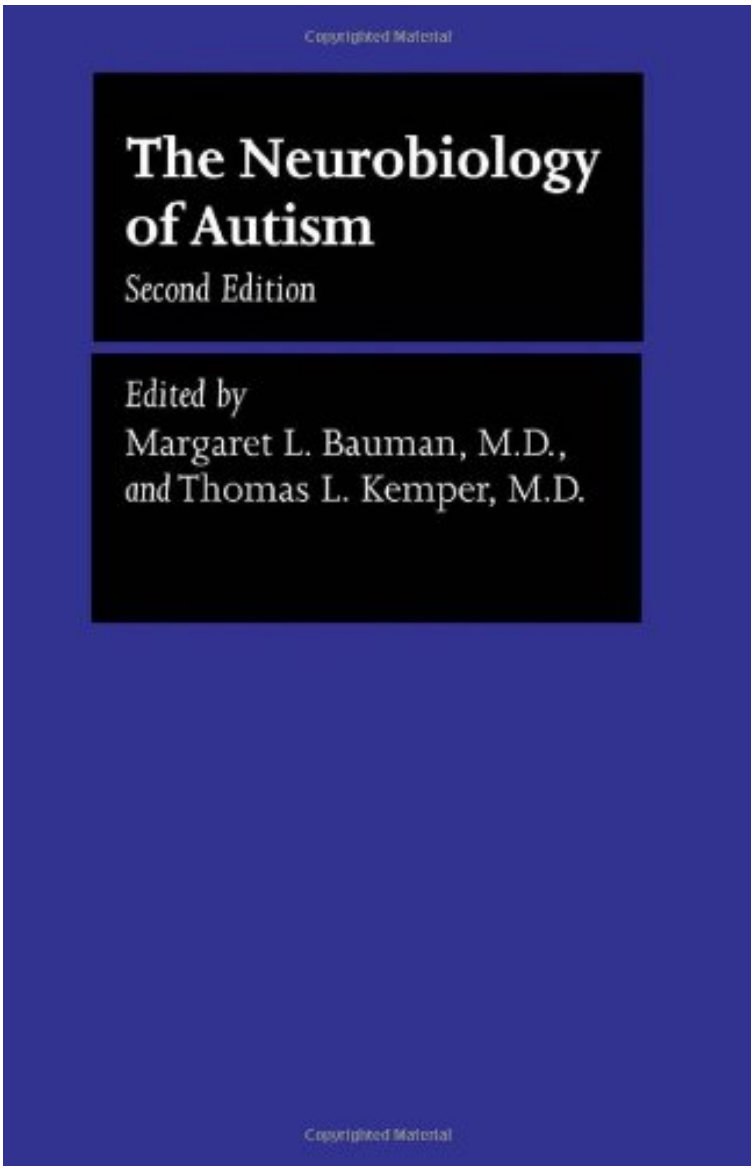
The Neurobiology of Autism (The Johns Hopkins Series in Psychiatry and Neuroscience)

From Johns Hopkins University Press
**Download PDF | ePub | DOC | audiobook | ebooks*



#2648901 in Books 2006-01-30Original language:EnglishPDF # 1 9.25 x 1.09 x 6.13l, 1.33 #File Name: 0801880475424 pages | File size: 48.Mb

From Johns Hopkins University Press : The Neurobiology of Autism (The Johns Hopkins Series in Psychiatry and Neuroscience) before purchasing it in order to gage whether or not it would be worth my time, and all praised The Neurobiology of Autism (The Johns Hopkins Series in Psychiatry and Neuroscience):

0 of 0 people found the following review helpful. Not for the noviceBy M.McDonoughThis is a wonderful book if you

have some background in neurology. As a graduate student who has spent the last six years studying brains and behavior, this book was still a bit difficult to get through, though it is filled with great information. I purchased this book to aid in a thesis I was writing about the neurological differences between autistic individuals and neurotypical individuals and this book proved to be invaluable. It's not really a book you want to sit down and read cover to cover (your head might explode from all the information), but to use as a reference, this book is phenomenal!6 of 7 people found the following review helpful. invaluble for understanding the true cause of autismBy Constance Porterno annecdotal nonsense here. Dr Bauman a Harvard neurologist who has studied the brains of those with autism for years. Her voluminous research dispels the causal myths of autism. Her evidence shows that the assault to the primitive brain affecting the limbic system and cerebellum manifesting as autism happens prenatally.6 of 43 people found the following review helpful. A futile approachBy random readerAn elusive and complex disorder is how autism is presented in this book. That's absolutely right, but I don't think this book even begins to give a clue as to the nature of autism. I think the approach has a lot to be desired: We have to assume that the nervous system evolved in order to gratify basic drives. In higher animals, basic drives are refined into complex emotions. So, what do the neurobiologists say? According to them, autism is a neurobiological problem, but not an emotional one! That's worse than just getting things bass-ackwards. It's being stubbornly reductionist and deliberately obtuse.

In the decade since the first edition of The Neurobiology of Autism was published, research has revealed valuable new information about the nature and origins of autism, including genetics and abnormalities in such neurotransmitters as acetylcholine and serotonin. For this long-anticipated new edition, neurologists Margaret L. Bauman and Thomas L. Kemper bring together leading researchers and clinicians to present the most current scientific knowledge and theories about autism. The contributors cover genetics, imaging studies, physiology, neuroanatomy and neurochemistry, immunology, brain function, the epidemiology of the disease, and related disorders. Thoroughly updated, The Neurobiology of Autism remains the best single-volume work on the wide array of research being conducted into the causes, characteristics, and treatment of autism.Contributors: George M. Anderson, Yale Child Study Center; Tara L. Arndt, University of Rochester Medical Center (URMC); Trang Au, University of Massachusetts Medical School (UMMC); Jocelyne Bachevalier, University of Texas Health Science Center; Irina N. Bespalova, Seaver Autism Research Center, Mt. Sinai School of Medicine (SARC); Gene J. Blatt, Boston University School of Medicine (BUSM); Susan E. Bryson, IWK Health CentreDalhousie University; Timothy M. Buie, Massachusetts General Hospital (MGH); Joseph D. Buxbaum, SARC; Kathryn M. Carbone, The Johns Hopkins University School of Medicine (JHUSM); Diane C. Chugani, Wayne State University; Daniel F. Connor, UMMC; Edwin H. Cook, Jr., University of Chicago; S. Hossein Fatemi, University of Minnesota Medical School; Susan E. Folstein, Tufts University School of Medicine; Eric Fombonne, McGill University; Randi Jenssen Hagerman, UC Davis Medical Center; Elizabeth Petri Henske, Fox Chase Cancer Center, Philadelphia; Jeannette J. A. Holden, Queen's University; Ronald J. Killiany, BUSM; Omanand Koul, UMMC; Mandy Lee, Newcastle General Hospital, U.K.; Xudong Liu, Queen's University; Tara L. Moore, BUSM; Mark B. Moss, BUSM; Karin B. Nelson, National Institute of Neurological Disorders and Stroke; Phillip G. Nelson, National Institute of Child Health and Human Development; Elaine Perry, Newcastle General Hospital; Jonathan Pevsner, JHUSM; Mikhail V. Pletnikov, JHUSM; Stephen W. Porges, University of Illinois at Chicago; Lucio Rehbein, Universidad de la Frontera, Chile; Jennifer Reichert, SARC; Patricia M. Rodier, URMC; Beth Rosen-Sheidley, MGH; Susan L. Smalley, UCLA Neuropsychiatric Research Institute; Ronald J. Steingard, UMMC; Helen Tager-Flusberg, BUSM; Gary L. Wenk, University of Arizona; Andrew W. Zimmerman, JHUSM

"These twenty-seven essays chronicle the growth of neurobiological research into the etiology, expression, and treatment of the complex and elusive disorder of autism." (Choice)"Makes the enigma of autism spectrum disorders (ASDs) a little more understandable... A good reference book for clinicians and researchers." (Stuart Fine Canadian Journal of Psychiatry)"In a single volume, it reviews what one needs to know about current state-of-the-art theorizing and research in the field." (Peter E. Tanguay J Clin Psychiatry) "Anyone doing research in autism or other developmental disorders will find this an invaluable book to read to make sure all areas are understood and to serve as a rich source of references." (American Journal of Psychiatry)About the AuthorMargaret L. Bauman, M.D., is an associate clinical professor of neurology at Harvard Medical School. Thomas L. Kemper, M.D., is a professor of neurology, anatomy, and pathology at Boston University School of Medicine.