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David L. Clark; Nash N. Boutros; Mario F. Mendez : The Brain and Behavior: An Introduction to Behavioral Neuroanatomy (Cambridge Medicine (Paperback)) by David L. Clark (2010-06-28) before purchasing it in order to gauge whether or not it would be worth my time, and all praised The Brain and Behavior: An Introduction to Behavioral Neuroanatomy (Cambridge Medicine (Paperback)) by David L. Clark (2010-06-28):

8 of 10 people found the following review helpful. Excellence on Paper! By George Washington What a great book! The Brain and Behavior is a book that looks at the neuro-anatomical structures of the brain, and explains what will happen to mood and behavior when these areas are affected. The author goes into some pathologies such as schizophrenia and shows example how the cerebellar vermis can be involved and even the cause of this disorder (support for chiropractic adjustments, i.e. reducing dysafferentation). At a seminar I learned of Cerebellar Syndrome - an anxiety disorder - which is totally supported by this book (Quote: "structural abnormalities of the cerebellar vermis has been seen in depression"). Also, there was even support for the argument against MSG and Aspartame in food: "Glutamate and aspartate are excitatory, and neurons in the CNS [(Central Nervous System)] contain receptors to one or the other. Normally, only small quantities of these excitatory amino acids appear in the synapse at any one time. [here's the good part] If extraneural concentrations of these excitatory amino acids exceed the ability to uptake

machanisms to remove them [which is what happens when you eat anything with:MSG, hydrolyzed vegetable protein, Hydrolyzed protein, hydrolyzed plant protein, plant protein extract, sodium caseinate, calcium caseinate, yeast extract, textured protein, autolyzed yeast, hydrolzed oat flour, malt, malt extract, malt flavoring, bouillon, stock, flavoring, natural flavoring, and seasoning],[then] the affected neuron will die. This process of neuron cell death is referred to as excitotoxicity and is an important mechanism of neuron loss following hypoxia [(lack of oxygen)] and ischemia [(low oxygen)]. Excitotoxicity has been implicated in schizophrenia (see Coyle and Puttfarcken, 1993).....and may be involved in both the establishment and maintenance of addictive behavior (Kalivas, et al, 1998)"This statment on page 24 is significant in the arguement against the use of flavor enhancers in food. In effect, you are programming your neurons to die when you eat food with excitotoxins because extra neurotransmitters give the message that neurons use for programmed cell death. If your child or you are suffering from additive or poor behavior or bad test scores, then this book is for you. Having written the above, I want to say that there is still more to this great book. So do yourself a favor and pick it up. A little too technical for the layman, but you can follow along with a medical dictionary if necessary. Excellent for the health professional concerned more with the function of the body, versus, pathology (the way it should be).GREAT BOOK - 5 STARS!!!14 of 14 people found the following review helpful. Review of Brain and BehaviorBy Matthew DeLisleThis is a great book! The authors have done a tremendous job taking complicated information and presenting in a format that is easily understood. Oftentimes texts on neuroanatomy tend to be very specific in discussing various neural systems, and often don't discuss how everything in the brain is intergrated. If they do do this, the discussion is spread out over many chapters, and must be searched for in the index and references.Brain and Beavior does a wonderful job in clarifying the complex neurochemical systems and how they relate to global brain function.The authors also do a great job with presenting "clinical vignettes", which presents the reader with practical clinical information relative to specific areas of brain dysfunction.matthew delisle, d.c.2 of 3 people found the following review helpful. Good ReferenceBy Dr. TomI found that this text pulled together alot of resources in a concise format. The clinical vignettes were very enlightening. I didn't learn anything new, but I think this book represents a good, general resource for the subject matter.