



Dietary Phenylalanine and Brain Function

By Wurtman

Springer Verlag Gmbh Feb 2012, 2012. Taschenbuch. Book Condition: Neu. 234x156x21 mm. This item is printed on demand - Print on Demand Titel. Neuware - I. Factors Affecting Blood Phenylalanine Levels.- 1. Control of Plasma Phenylalanine Levels.- 2. Adrenergic Influence on Plasma and Brain Concentrations of Phenylalanine and Other Large Neutral Amino Acids in Rats.- 3. Effect of Aspartame on Plasma Phenylalanine Concentration in Humans.- 4. Aspartame Consumption in Normal Individuals and Carriers for Phenylketonuria.- II. Blood-Brain Barrier Transport of Phenylalanine.- 5. Phenylalanine Transport at the Human Blood-Brain Barrier.- 6. Regional Transport of Phenylalanine and Other Neutral Amino Acids Across the Blood-Brain Barrier.- 7. Dual Role of Transport Competition in Amino Acid Deprivation of the Central Nervous System by Hyperphenylalaninemia.- III. Effects of Aspartame on Brain Monoamines and Seizure Thresholds in Experimental Animals.- 8. An In Vivo Study of Dopamine Release in Striatum: The Effects of Phenylalanine.- 9. Effects of Aspartame Ingestion on Large Neutral Amino Acids and Monoamine Neurotransmitters in the Central Nervous System.- 10. Aspartame, Phenylalanine, and Seizures in Experimental Animals.- 11. Behavioral and Neurological Effects of Aspartame.- 12. Role of Monoamines in Seizure Predisposition in the Genetically Epilepsy-Prone Rat.- 13. Aspartame Administration Decreases the Entry of -Methyldopa...



[DOWNLOAD PDF](#)



[READ ONLINE](#)

[7.56 MB]

Reviews

Very useful for all group of people. It is amongst the most incredible pdf i actually have read through. Its been written in an extremely straightforward way and it is just right after i finished reading through this pdf by which basically modified me, change the way i think.

-- **Felicia Nikolasus**

These sorts of ebook is the ideal book offered. It can be written in simple terms rather than confusing. I discovered this pdf from my dad and i advised this publication to understand.

-- **Mr. Alejandrin Murphy PhD**