





I am an independent contractor for Apex Energetics and Dr. Datis Kharrazian and receive seminar speaking fees.

I have no specialized training in psychology or psychiatry.



























































































































## CRITICAL BRAIN CELL FUNCTIONS

- Microenvironment integrity (BBB)
- Inflammation control (microglial cells)

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- ATP/Energy production
   NTs and Synaptic Transmission

Plasticity

CRITICAL CELL FUNCTIONS Microenvironment integrity (BBB) • Inflammation control Energy production • Synaptic Transmission (NTs) ÷ • Plasticity

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## Poor perfusion Insulin resistance and AGEs Inflammation & ROS Stress chemistry Lipopolysaccharides

•Environmental chemicals

•Mycotoxins – by ↓ Astrocyte mitochondrial function

Concussion

Aging/Senescence

56

















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## INTELLLIGENT NT FORMULAE

- Amino Acid Precursors
- Pathway-specific nutrient cofactors
- Support for receptor sensitivity
- Support for NT clearance

83



84









































