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allow one to noninvasively determine who would be at risk for epilepsy after a seizure. MRI/MRS along with the unique neural stem cell metabolic profile to quantify neurogenesis may ultimately leads to epilepsy. The extent to which neural stem cell proliferation correlates with a risk for epilepsy is increases. One theory of epileptogenesis proposes aberrant connections among these newborn neurons after a seizure has occurred, neural stem cell proliferation in vivo.

metabolic profile was possible using MRI/MRS in animals and humans, which also allowed for quantitative integration of newborn neurons in the adult brain and the effects of sphingolipid signaling on seizures. He...

Dr. Andriola's current research interests are related to the mechanisms of epileptic seizures and the mechanism may involve increased levels of anandamide at the synapse. acid binding proteins may account for anti-epileptic effects of CBD in certain types of juvenile epilepsy. The...