"Mechanisms of metabolism-induced resistance to epileptic seizures"

Qualitative changes in brain energy metabolism can have surprisingly strong effects on excitability: a leading treatment for drug-resistant epilepsy is the super-low-carbohydrate “ketogenic diet”. While diet is a complex manipulation that no doubt works through multiple mechanisms, our research shows that a key player in metabolic seizure resistance is the ATP-sensitive potassium channel present in many central neurons.

Join us for coffee and cookies at 12:15 in LSC 1416
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