

PREVIEW_ Dominic D'Agostino - Interview (FL FEB 2017) 1

Dr. D'Agostino: To my surprise I kind of reinvested some time into looking at the dietary literature that I was kind of familiar with because my undergraduate work was on nutrition and it led me to understanding the ketogenic diet as a century-old, you know, metabolic-based therapy for drug-resistant epilepsy.

So I thought there was potential to exploring the mechanism of the ketogenic diet and harnessing that for oxygen toxicity seizures. And either harnessing a specific formulation of the diet or to circumvent the diet altogether and develop synthetic ketone technologies that would allow us to exploit the benefits of altering or preserving brain energy metabolism in that face of an oxidative challenge which is occurring in these extreme environments of the undersea.