Nathan S. Bryan, PHD

Dr. Bryan earned his undergraduate Bachelor of Science degree in Biochemistry from the University of Texas at Austin and his doctoral degree from Louisiana State University School of Medicine in Shreveport where he was the recipient of the Dean's Award for Excellence in Research. He pursued his post-doctoral training as a Kirschstein Fellow at Boston University School of Medicine in the Whitaker Cardiovascular Institute. After a two year post-doctoral fellowship, in 2006 Dr. Bryan was recruited to join faculty at the University of Texas Health Science Center at Houston by Ferid Murad, M.D., Ph.D., 1998 Nobel Laureate in Medicine or Physiology. During his tenure as faculty and independent investigator at UT, his research focused on drug discovery through screening natural product libraries for active compounds. His nine years at UT led to several discoveries which have resulted in over a dozen issued US and international patents and many more pending worldwide.

Specifically, Dr. Bryan was the first to describe nitrite and nitrate as indispensable nutrients required for optimal cardiovascular health. He was the first to demonstrate and discover an endocrine function of nitric oxide via the formation of S-nitrosoglutathione and inorganic nitrite. Through the drug discovery program in natural product chemistry, Dr. Bryan discovered unique compositions of matter than can be used to safely and effectively generate and restore nitric oxide in humans. This technology is now validated in six published clinical trials. He is also a successful entrepreneur who has commercialized his nitric oxide technology through the formation of Human, to the Power of N, Inc (formerly Neogenis Labs) where he is a Founder and inventor. Dr. Bryan has been involved in nitric oxide research for the past 18 years and has made many seminal discoveries in the field. These discoveries and findings have transformed the development of safe and effective functional bioactive natural products in the treatment and prevention of human disease and may provide the basis for new preventive or therapeutic strategies in many chronic diseases. Dr. Bryan has published a number of highly cited papers and authored or edited 5 books. He is an international leader in molecular medicine and nitric oxide biochemistry.