



Sandra Banack, Ph. D.

Sandra Banack is the Senior Scientist at Brain Chemistry Labs in Jackson Hole Wyoming. She received her Ph.D. in Integrative Biology from the University of California, Berkeley and has a Master's of Science and Bachelor of Science Degrees from Brigham Young University. Sandra left a Full Professor position at California State University, Fullerton Department of Biological Science to join the non-profit Brain Chemistry Labs where their only goal is to change patient outcomes. They are a basic science think-tank that anchors a consortium of more than 50 scientists around the globe. Sandra has published more than 72 scientific papers in such prestigious journals as Science, Neurology, Proceedings of the National Academy of Sciences and Proceedings of the Royal Society B, along with one book. Her current research on exosomes provides a way to examine what is happening in the brain by looking at blood samples. This research opens the door to understanding if drugs are working in the brain through a simple blood test.