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Protective effects of Intranasally Administered Nanoantioxidants in the Olfactory System in Mouse Models of Alzheimer's Disease

Robia G. Pautler is an Associate Professor in the Departments of Molecular Physiology and Biophysics, Neuroscience and Radiology at Baylor College of Medicine. She also directs the Small Animal MRI imaging facilities at BCM and also Texas Children's Hospital. She is known for her work in mouse models of Alzheimer's Disease and oxidative stress. Dr. Pautler received her BS from Colorado State University, her PhD from Carnegie Mellon University, working with Dr. Alan Koretsky, and did a postdoctoral fellowship with Drs. Scott Fraser and Russ Jacobs at Caltech. She joined the faculty at Baylor College of Medicine in 2003 and is currently a tenured Associate Professor. She has earned multiple NIH and Foundation grants and has over 65 publications. In addition to her work in research, she is very active in educational endeavors -- she was the Co-Director of the Graduate Education Program for Physiology for 7 years, she is on the Faculty Operating Committee for the MD/PhD program, she has served as the Chair of multiple educational committees and has mentored numerous trainees ranging from the high school to junior faculty level. She is a staunch advocate for Diversity in the Sciences and Education in general. She spearheaded the formation of the Women in MR group at the ISMRM as part of her Annual Program Meeting Committee endeavors. She is also currently pursuing her certification as a Special Education Advocate.