

Ted M. Dawson, MD, PhD

Dr. Dawson is the Leonard and Madlyn Abramson Professor in Neurodegenerative Diseases and Director of the Institute for Cell Engineering at the Johns Hopkins University School of Medicine. Dr. Dawson's honors include the Derek Denny-Brown Young Neurological Scholar Award, the Paul Beeson Physician Faculty Scholar Award, and the Santiago Grisolia Medal and a Javits Neuroscience Investigator Award. He was elected to the Association of American Physicians and he is a Fellow of the American Association for the Advancement of Science. He elucidated the molecular mechanisms by which NO kills neurons through activation of poly [ADP-ribose] (PAR) polymerase (PARP) and release of apoptosis inducing factor (AIF) via PAR polymer and discovered Parthanatos. Dr. Dawson has been at the forefront of research into the biology and pathobiology of mutant proteins linked to familial Parkinson's disease. These studies are providing novel opportunities for therapies aimed at preventing the degenerative process of PD and other neurodegenerative disorders.

