

**Department of Cellular and Structural Biology
Edward G. Rennels Distinguished Lecture Series**

**February 25, 2014
11:00 am
209L**



**Dr. Sally Temple
Scientific Director
Neural Stem Cell Institute
Rensselaer, New York**

Age-related Changes in the Neural Stem Cell Niche



Dr. Temple Co-founded the Neural Stem Cell Institute in 2007, where she serves as the Scientific Director and leads a team of 30 scientists focused on using neural stem cells to develop effective clinical treatments for CNS damage from trauma, malignancy, stroke or neurodegenerative diseases. She previously discovered that the embryonic brain contained a rare stem-like cell, which led her to make pioneering discoveries on the mechanisms as to how neural stem cells alter their development over time to generate diverse progeny. Presently, her work is funded by multiple grants from NINDS, NIA and NEI as well as the Ellison Foundation where she has received the Senior Scholar Award. Dr. Temple has authored or co-authored over 70 articles in very prestigious journals and written 10 book chapters. She is on the Editorial Boards of *Neuron*, *Developmental Cell*, *Cell Stem Cell* and *PLOS Biology*, and serves on the Medical Advisory Board of the New York Stem Cell Foundation, Medical and Scientific Advisory Board of the Genetics Policy Institute, and Board of Directors of the International Society for Stem Cell Research. Dr. Temple has received many prestigious honors and awards including the Jacob Javitz Merit Award from the NIH and a MacArthur Award in recognition of her contributions to neural stem cell developmental biology. A native of York, England, Dr. Temple received her undergraduate training at Cambridge University, her Ph.D. at the University College in London and then moved to New York to complete a postdoctoral fellowship at Columbia University. Thereafter, she became a faculty member at the University of Miami before transferring to Albany Medical School where she is currently Professor of Neuropharmacology and Neuroscience. Additionally, Dr. Temple has a faculty position as Professor in the Department of Biomedical Sciences at SUNY Albany.