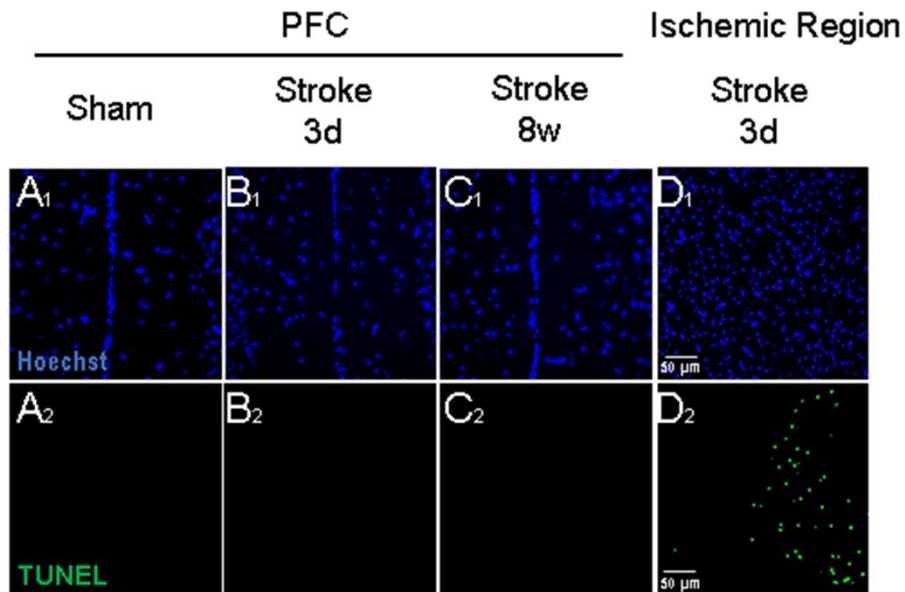


Neuropsychological Deficits Chronically Developed after Focal Ischemic Stroke and Beneficial Effects of Pharmacological Hypothermia in the Mouse

Weiwei Zhong^{1,2}, Yan Yuan^{1,3}, Xiaohuan Gu^{1,2}, Samuel In-young Kim¹, Ryan Chin¹, Modupe Loye², Thomas A Dix⁴, Ling Wei¹, Shan Ping Yu^{1,2*}

¹Department of Anesthesiology, Emory University School of Medicine, Atlanta, GA 30322, USA. ²Center for Visual and Neurocognitive Rehabilitation, Atlanta Veterans Affairs Medical Center, Decatur, GA 30033, USA. ³College of Veterinary Medicine, Yangzhou University, Yangzhou, 225009, China. ⁴Department of Drug Discovery and Biomedical Sciences, Medical University of South Carolina, Charleston, SC 29401, USA.

SUPPLEMENTARY DATA



Supplementary Figure 1. TUNEL staining in the non-ischemic PFC after focal ischemia in the sensorimotor cortex. (A-C) No TUNEL-positive cells were detected in the PFC of sham and stroke mice. **(D)** TUNEL staining in the ischemic region was tested as positive control and TUNEL-positive cells were detected in the ischemic region at 3 days post stroke.