

JOURNAL PUBLICATIONS

WANG JM, LIU L, BRINTON RD. Estradiol 17 β -induced human neural progenitor cell proliferation is mediated by an ER β -pERK pathway. *Endocrinology* 2008;149:208-218. [PubMed Link](#)

WANG JM, IRWIN RW, BRINTON RD. Activation of estrogen receptor alpha increases and estrogen receptor beta decreases apolipoprotein E expression in hippocampus in vitro and in vivo. *Proc Natl Acad Sci U S A* 2006;103:16983-988. [PubMed Link](#)

WU TW, **WANG JM**, CHEN S AND BRINTON RD. 17Beta-estradiol induced Ca²⁺ influx via L-type calcium channels activates the Src/ERK/cyclic-AMP response element binding protein signal pathway and BCL-2 expression in rat hippocampal neurons: a potential initiation mechanism for estrogen-induced neuroprotection. *Neuroscience* 2005;135:59-72. [PubMed Link](#)

ZHAO L, CHEN S, **WANG JM**, BRINTON RD. 17 β - Estradiol induces nuclear and dendrites [Ca²⁺] rise and subsequent CREB activation in hippocampal neurons: a potential initiation mechanism for estrogen neurotrophism. *Neuroscience* 2005;132:299-311. [PubMed Link](#)

PUBLISHED ABSTRACTS

WANG JM, GOMEZ-SANCHEZ E, AUSTIN M, STOCKMEIER C, BIGLER S, HE Z, HENRY S, HILL R, BRINTON RD. Estradiol-17 β promotes neurogenesis in rodents in an OVX time dependent manner. Society of Biological Psychiatry 64th Annual Meeting, Vancouver, May 14-16, 2009.

WANG JM, IRWIN R, HE Z, BIGLER S, BRINTON RD. Estradiol-17 β increases the apoE expression in ER β k/o mouse hippocampus but not in ER α k/o mouse. Program No. 45.20. 2008 Neuroscience Meeting Planner. Washington, DC: Society for Neuroscience.

WANG JM, BRINTON RD. Estrogen receptor-selective ligands regulate ApoE expression and neurogenesis in 3xTgAD mouse hippocampus. 4th Annual Department of Medicine Research Day. University of Mississippi Medical Center, Jackson, MS, April 2008.

WANG JM, BRINTON RD. Estrogen Receptor Mediates Estrogen-Induced Proliferation in Human Cerebral Cortical Neural Stem Cells. The Endocrine Society's 88th Annual Meeting, Boston, 2006

WANG JM, IRWIN R, BRINTON RD. Activation of estrogen receptor α increases and estrogen receptor β decreases apolipoprotein E expression in hippocampus in vitro and in vivo. 10th International Conference of Alzheimer's Disease and Related Disorders. Madrid, Spain, July 15–20, 2006.

WANG JM, BRINTON RD. Estrogen-induced neurogenesis and activation of pERK is mediated by estrogen receptor β in human cerebral cortical neural stem cells. Society for Neuroscience Annual Meeting, Washington DC, Nov. 12-16, 2005.

WANG JM, BRINTON RD. Estrogen receptor splice variants in hippocampus and cortex. Endocrine Society's 87 Annual Meeting, San Diego, June 4-7, 2005.