

## Pinnacle Poster Presentations

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October 26, 2011

- Aillon, D. (2011, June). *Development of an in vivo biosensor for the continuous real-time detection of brain ethanol concentration in rats and mice*. Poster session presented at the meeting of the Research Society on Alcoholism, Atlanta, GA.
- Aillon, D. (2009, January). *Integrated neurochemical and EEG measurements in freely moving rodents*. Poster session presented at the meeting of Winter Conference on Brain Research, Copper Mountain, CO.
- Aillon, D. (2008, November). *Near real-time measurement of glutamate concentration changes using biosensors in place of traditional methodologies*. Poster session presented at the meeting of the Society for Neuroscience, Washington, DC.
- Johnson, D.A. (2009, September). *Simultaneous integration of biosensor and EEG measurements in freely moving rodents: Dynamic changes of brain glucose and glutamate concentrations during transitions between different sleep states in the mouse prefrontal cortex*. Poster session presented at the meeting of the European Brain and Behaviour Society, Rhodes, Greece.
- Johnson, D.A. (2009, April). *Simultaneous integration of biosensor and EEG measurements in freely moving rodents*. Poster session presented at the meeting of Experimental Biology, New Orleans, LA.
- Johnson, D.A.. (2007, November). *Wireless fast scan cyclic voltammetry for rats*. Poster session presented at the meeting of the Society for Neuroscience, San Diego, CA.
- Johnson, D.A. (2007, June). *An integrated EEG/EMG/glucose system for mice and rats*. Poster session presented at the meeting of the Associated Professional Sleep Societies, Minneapolis, MN.
- Johnson, D.A. (2006, October). *A new oxygen insensitive glutamate biosensor for in vivo use under ischemic conditions*. Poster session presented at the meeting of the Society for Neuroscience, Atlanta, GA.
- Johnson, D.A. (2005, November). *In vitro study of a new carbon fiber microelectrode for real-time measurement of dopamine with digital wireless transmission*. Poster session presented at the meeting of the Society for Neuroscience, Washington, DC.
- Naylor, E. (2010, November). *Automated sleep deprivation: Simulated gentle handling using a yoked control*. Poster session presented at the meeting of the Society for Neuroscience, San Diego, CA.
- Naylor, E. (2010, November). *Simultaneous measurement of EEG and glutamate during normal sleep and sleep deprivation in a mouse model*. Poster session presented at the meeting of the Society for Neuroscience, San Diego, CA.
- Naylor, E. (2010, June). *Automated sleep deprivation: Simulated gentle handling using a yoked control*. Poster session presented at the meeting of the Associated Professional Sleep Societies, San Antonio, TX.
- Naylor, E. (2009, October). *Glutamate rise during REM is attenuated in early middle-aged mice*. Poster session presented at the meeting of the Society for Neuroscience, Chicago, IL.
- Naylor, E. (2008, November). *Simultaneous monitoring of EEG and cerebral glucose in the mouse*. Poster session presented at the meeting of the Society for Neuroscience, Washington, DC.
- Naylor, E. (2007, November). *Waking EEG as a measure of homeostatic increase in wild-type and Clock mutant mice*. Poster session presented at the meeting of the Society for Neuroscience, San Diego, CA.
- Naylor, E. (2005, November). *Validation of a turnkey, three biopotential channel system for sleep recording in mice*. Poster session presented at the meeting of the Society for Neuroscience, Washington, DC.
- Petillo, P. (2011, February). *Biosensor systems for continuous in vivo monitoring*. Poster session presented at the Expanding In Vivo Biomarker Detection Devices Workshop cosponsored by the Defense Advanced Research Projects Agency and the Food and Drug Administration, Arlington, VA.