

Recent Publications

1. Boada MD, Eisenach JC, Ririe DG. **Mechanical sensibility of nociceptive and non-nociceptive fast-conducting afferents is modulated by skin temperature.** J Neurophysiol. 2016;115(1):546-553.
2. Boada MD, Gutierrez S, Aschenbrenner CA, Houle TT, Hayashida KI, Ririe DG, Eisenach JC. [Nerve injury induces a new profile of tactile and mechanical nociceptor input from undamaged peripheral afferents.](#) J Neurophysiol. 2015;113(1):100-109.
3. Danilo Boada M, Martin TJ, Peters CM, Hayashida K, Harris MH, Houle TT, Boyden ES, Eisenach JC, Ririe DG. [Fast-conducting mechanoreceptors contribute to withdrawal behavior in normal and nerve injured rats.](#) Pain. 2014;155(12):2646-2655.
4. Boada MD. [Relationship between electrophysiological signature and defined sensory modality of trigeminal ganglion neurons in vivo.](#) J Neurophysiol. 2013;109(3):749-757.
5. Boada MD, Gutierrez S, Giffear K, Eisenach JC, Ririe DG. [Skin incision-induced receptive field responses of mechanosensitive peripheral neurons are developmentally regulated in the rat.](#) J Neurophysiol. 2012;108(4):1122-1129.
6. Boada MD, Gutierrez S, Houle T, Eisenach JC, Ririe DG. [Developmental differences in peripheral glabrous skin mechanosensory nerve receptive field and intracellular electrophysiologic properties: phenotypic characterization in infant and juvenile rats.](#) Int J Dev Neurosci. 2011;29(8):847-854.
7. Ririe DG, Boada DM, Martin TJ, Boyden ES, Eisenach JC. **Optical inhibition of neurons in whole rat dorsal root ganglion after in vivo intrathecal viral vector induced expression of the optically active proton pump Arch-T [abstract].** In: Abstracts of the 2011 Annual Meeting of the American Society of Anesthesiologists (ASA); 2011 Oct 15-19; Chicago (IL). 2011;():A391.
8. Boada MD, Houle TT, Eisenach JC, Ririe DG. [Differing neurophysiologic mechanosensory input from glabrous and hairy skin in juvenile rats.](#) J Neurophysiol. 2010;104(6):3568-3575.

Other Publications

1. Boada MD, Woodbury CJ (2008). Mechanical threshold of myelinated nociceptors is temperature dependent. Ref SFN -/D8. Washington, USA.
2. Boada MD, Gutierrez S, Woodbury CJ (2008). Why does ice freeze pain? Effects of cold on activity in the superficial dorsal horn. SFN Meeting (Society for Neurosciences). Ref SFN -/D8. Washington, USA.
3. Woodbury CJ, Boada MD (2007). Thermal filtering of tactile inputs: New hinge on an old gate. SFN Meeting (Society for Neurosciences). Ref SFN 124.7/N1. San Diego, USA.
4. Woodbury CJ, Boada MD (2006). Central anatomy of individual, physiologically identified skin sensory neurons innervating mouse trunk skin in vivo. SFN Meeting (Society for Neurosciences). Ref SFN 442.12/N1. Atlanta, USA.
5. Boada MD, Woodbury CJ (2006). Intracellular recordings from temperature-sensitive mouse dorsal root ganglion neurons in vivo. SFN Meeting (Society for Neurosciences). Ref SFN 442.11/M16. Atlanta, USA.
6. Boada MD, Woodbury CJ (2006). Functional and neuroanatomical characterization of DRG sensory neurons in a novel "in vivo" mouse preparation. FENS Forum 2004.

- (Federations of European Neuroscience Societies). Ref.: FENS A. 109.2. Vienna, Austria.
7. Boada MD, Viana F, Belmonte C (2004). Functional characterization of trigeminal ganglion neurons in an “in vivo” mouse preparation. FENS Forum 2004. (Federations of European Neuroscience Societies). Ref.: FENS Abstr., vol.2, A016.3, 2004. Lisboa, Portugal.
 8. Coro F, Pérez M, Boada D, Avila H (1995). Sensory habituation in an auditory receptor of a moth. Fourth International Congress of Neuroethology. 376. Cambridge, England.
 9. Coro F, Boada D, Alonso N (1994). Habitación en neuronas centrales auditivas en una especie de lepidóptero. : First CARIBRO Regional Meeting. Page. 234. La Habana, Cuba.

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