

PUBLICATIONS

- 2005** Wagner, D.A. M.P. Goldschen-Ohm, T.H. Hales and M.V. Jones. 2005. Kinetics and spontaneous open probability conferred by the epsilon subunit of the GABA_A receptor. *J. Neurosci.*, 25(45):10462-8.

At Marquette University

- 2004** Wagner, D.A., C. Czajkowski, M.V. Jones. 2004. An arginine involved in GABA binding and unbinding but not in gating of the GABA_A receptor. *J. of Neurosci.*, 24(11):2733-2741
- 2003** Teissere, J., A. Kucken, D.A. Wagner, and C. Czajkowski. 2003. Characterizing the interaction of with the benzodiazepine binding site on GABA_A receptors. *Mol. Pharmacol.*, 62:1, 1-8.
- Kucken, A.M., J.A. Teissère, J. Seffinga-Clark, D.A. Wagner and C. Czajkowski. 2003. Structural requirements for imidazobenzodiazepine binding to GABA_A receptors. *Mol. Pharmacol.*, 63:2, 289-296.
- 2002** Bowser, D. N.*, D.A. Wagner, C. Czajkowski, B.A. Cromer, M.W. Parker, R.H. Wallace, L.A. Harkin, J.C. Mulley, C. Marini, S.F. Berkovic, D.A. Williams, M.V. Jones, and S. Petrou. 2002. Altered kinetics and benzodiazepine sensitivity of a GABA_A receptor subunit mutation (□ 2R43Q) found in human epilepsy. *PNAS*, 99:23, 15170-15175.
(* D.N.B. and D.A.W contributed equally to this work)
- 2001** Liao, G.Y., Wagner, D.A. and Leonard J.P. 2001. Evidence for direct protein kinase-C mediated modulation of N-methyl-D-aspartate receptor current. *Mol. Pharmacol.*, 59:5, 960-964.
- Horenstein, J., D.A. Wagner, C. Czajkowski and M. Akabas. 2001. Protein mobility and GABA induced conformational changes in GABA_A receptor pore-lining M2 segment. *Nature Neurosci.*, 4:5, 477-485.
- Wagner D.A., C. Czajkowski. 2001. Structure and dynamics of the GABA binding pocket: a narrowing cleft that constricts during activation. *J. Neurosci.*, 21:1, 67-74.
- 2000** Kucken A.M., W.A. Wagner, P.R. Ward, A.B. Boileau, C. Czajkowski. 2000. Identification of benzodiazepine binding site residues in the gamma2 subunit of the gamma-aminobutyric acid(A) receptor. *Mol. Pharmacol.*, 57:932-939.
- 1999** Wagner, D.A. and J.P. Leonard. 1999. Protein Kinase-C-potentiation of currents from 1/2 NMDA receptors depends on f-actin/g-actin cycling. *Neuroscience Letters*, 272:187-190.
- 1996** Wagner, D.A. and J.P. Leonard. 1996. Effect of protein kinase-C activation on the Mg²⁺-sensitivity of cloned NMDA receptors. *Neuropharmacology*, 35:1, 29-36. (Reprint copy not available)