



## INIStress Consortium Publications 2004

Austin CP, Battey JF, Bradley A, Bucan M, Capecchi M, Collins FS, Dove WF, Duyk G, Dymecki S, Eppig JT, Grieder FB, Heintz N, Hicks G, Insel TR, Joyner A, Koller BH, Lloyd KC, Magnuson T, Moore MW, Nagy A, Pollock JD, Roses AD, Sands AT, Seed B, Skarnes WC, Snoddy J, Soriano P, Stewart DJ, Stewart F, Stillman B, Varmus H, Varticovski L, Verma IM, Vogt TF, von Melchner H, Witkowski J, Woychik RP, Wurst W, Yancopoulos GD, Young SG, Zambrowicz B. The knockout mouse project. *Nat Genet.* 2004 Sep; 36(9): 921-4. PMID: 15340423. PMCID: PMC2716027.

Baker EJ, Galloway L, Jackson B, Schmoyer D, Snoddy J. MuTrack: a genome analysis system for large-scale mutagenesis in the mouse. *BMC Bioinformatics.* 2004 Feb 3; 5:11. PMID: 15018655. PMCID: PMC370570.

Becker HC, and Lopez MF. Increased ethanol drinking after repeated chronic ethanol exposure and withdrawal experience in C57BL/6 mice. *Alcohol Clin Exp Res.* 2004 Dec;28(12):1829-38. PMID: 15608599.

Becker HC, Crissman AM, Studders S, Kelley BM, Middaugh LD. Differential neurosensitivity to the discriminative stimulus properties of ethanol in C57BL/6J and C3H/He mice. *Alcohol Clin Exp Res.* 2004 May;28(5):712-9. PMID: 15166645.

Berry RB, Matthews DB. Acute ethanol administration selectively impairs spatial memory in C57BL/6J mice. *Alcohol.* 2004 Jan;32(1):9-18. PMID: 15066698.

Budygin EA, Brodie MS, Sotnikova TD, Mateo Y, John CE, Cyr M, Gainetdinov RR, Jones SR. Dissociation of rewarding and dopamine transporter-mediated properties of amphetamine. *Proc Natl Acad Sci U S A.* 2004 May 18;101(20):7781-6. Epub 2004 May 10. PubMed PMID: 15136721; PubMed Central PMCID: PMC419683.

Bult C, Kibbe WA, Snoddy J, Vitaterna M, Swanson D, Pretel S, Li Y, Hohman MM, Rinchik E, Takahashi JS, Frankel WN, Goldowitz D. A genome end-game: understanding gene function in the nervous system. *Nat Neurosci.* 2004 May;7(5):484-5. PubMed PMID: 15114363; PubMed Central PMCID: PMC3770737.

Chesler EJ, Lu L, Wang J, Williams RW, Manly KF. WebQTL: rapid exploratory analysis of gene expression and genetic networks for brain and behavior. *Nat Neurosci.* 2004 May;7(5):485-6. PMID: 15114364. Chesler EJ, Williams RW. Brain gene expression: genomics and genetics. *Int Rev Neurobiol.* 2004;60:59-95. Review. PubMed PMID: 15474587.

Clark AT, Goldowitz D, Takahashi JS, Vitaterna MH, Siepka SM, Peters LL, Frankel WN, Carlson GA, Rossant J, Nadeau JH, Justice MJ. Implementing large-scale ENU mutagenesis screens in North America. *Genetica.* 2004 Sep;122(1):51-64. Review. PubMed PMID: 15619961; PubMed Central PMCID: PMC3774779.

Crissman AM, Studders SL, Becker HC. Tolerance to the discriminative stimulus effects of ethanol following chronic inhalation exposure to ethanol in C57BL/6J mice. *Behav Pharmacol.* 2004 Dec;15(8):569-75. PMID: 15577455.

Duka T, Gentry J, Malcolm R, Ripley TL, Borlikova G, Stephens DN, Veatch LM, Becker HC, and Crews F T. Consequences of multiple withdrawals from alcohol. *Alcohol Clin Exp Res.* 2004 Feb;28(2):233-46. PMID:

15112931.

Follesa P, Biggio, Caria S, Gorini G, and Biggio G. Modulation of GABA-A receptor gene expression by allopregnanolone and ethanol. *Eur J Pharmacol*. 2004 Oct 1;500(1-3):413-25. PMID: 15464049.

Goldowitz D, Frankel WN, Takahashi JS, Holtz-Vitaterna M, Bult C, Kibbe WA, Snoddy J, Li Y, Pretel S, Yates J, Swanson DJ. Large-scale mutagenesis of the mouse to understand the genetic bases of nervous system structure and function. *Brain Res Mol Brain Res*. 2004 Dec 20;132(2):105-15. Review. PubMed PMID:15582151; PubMed Central PMCID: PMC3773686.

Mateo Y, Budygin EA, John CE, Jones SR. Role of serotonin in cocaine effects in mice with reduced dopamine transporter function. *Proc Natl Acad Sci U S A*. 2004 Jan 6;101(1):372-7. Epub 2003 Dec 22. PubMed PMID: 14691264; PubMed Central PMCID: PMC314192.

Mateo Y, Budygin EA, Morgan D, Roberts DC, Jones SR. Fast onset of dopamine uptake inhibition by intravenous cocaine. *Eur J Neurosci*. 2004 Nov;20(10):2838-42. PubMed PMID: 15548229.

Matthews DB, Silvers JR The use of acute ethanol administration as a tool to investigate multiple Memory systems. *Neurobiol Learn Mem*. 2004 Nov;82(3):299-308. PMID: 15464411.

Peirce JL, Lu L, Gu J, Silver LM, Williams RW. A new set of BXD recombinant inbred lines from advanced intercross populations in mice. *BMC Genet*. 2004 Apr 29;5:7. PubMed PMID: 15117419; PubMed Central PMCID: PMC420238.

Penland SN, Morrow AL. 3 alpha,5 beta-Reduced cortisol exhibits antagonist properties on cerebral cortical GABAA receptors. *European Journal of Pharmacology* 506:129-132. PMID: 15588732.

Ponomarev I, Schafer GL, Blednov YA, Williams RW, Iyer VR, Harris A. Convergent analysis of cDNA and short oligomer microarrays, mouse null mutant, and bioinformatics resources to study complex traits. *Genes Brain Behav*. 2004 Dec;3(6):360-8. PMID: 15544578.

Sanna E, Talani G, Busonero F, Pisu MG, Purdy RH, Serra M, Biggio G. Brain steroidogenesis mediates ethanol modulation of GABA A receptor activity in rat hippocampus. *J Neurosci*. 2004 Jul 21;24(29):6521-30. PMID: 15269263; PubMed Central PMCID: PMC6729881.

Shannon EE, Shelton KL, Vivian JA, Yount I, Morgan AR, Homanics GE, Grant KA. Discriminative stimulus effects of ethanol in mice lacking the gamma-aminobutyric acid type A receptor subunit. *Alcohol Clin Exp Res*. 2004 Jun;28(6):906-13. PMID: 15201633.

Walker SJ and A XU. Biomarker discovery using molecular profiling approaches" International Review of Neurobiology,2004 (Human Brain Protein), ed. by Lisa Neuhold, Elsevier, 61:3-30. PMID: 15482809.

Weitlauf C, Egli RE, Grueter BA, Winder DG. High-frequency stimulation induces ethanol-sensitive long-term potentiation at glutamatergic synapses in the dorsolateral bed nucleus of the stria terminalis. *J Neurosci*. 2004 Jun 23;24(25):5741-7. doi: 10.1523/JNEUROSCI.1181-04.2004. PMID: 15215296; PMCID: PMC6729219.

Williams RW, Bennett B, Lu L, Gu J, DeFries JC, Carosone-Link P, Rikke B, Belknap JK, Johnson TE. Genetic structure of the LXS panel of recombinant inbred mouse strains. *Mamm Genome*. 2004 Aug;15(8):637 -47. PMID: 15457343.

Williams AG, Williams RW. GenomeMixer; A complex genetic cross simulator. 2004 Bioinformatics, 20:24. PMID: 15477491.

Zhang B, Schmoyer D, Kirov S, Snoddy J. GOTree Machine (GOTM): a web-based platform for interpreting sets of interesting genes using Gene Ontology hierarchies. *BMC Bioinformatics*. 2004 Feb 18; 5: 16. PMID: 14975175, PMCID: PMC373441.