

References Where Cannulae Were Secured Using Cyanoacrylate Adhesive

- P6634 Croll SD, Ransohoff RM, Cai N, Zhang Q, Martin FJ, Wei T et al. VEGF-mediated inflammation precedes angiogenesis in adult brain. *Exp Neurol* 2004; 187(2):388-402. >>> Vascular endothelial growth factor 164, mouse; Flt-Fc; angiopoietin I, human; angiopoietin II, human; PBS; CSF/CNS (frontoparietal cortex); Rat; 2002; 1,2,3,4,5,7 days; Controls received mp w/ vehicle or hFc; dose-response (fig. 1); brain tissue distribution; peptides; cyanoacrylate adhesive.
- P6495 Raposinho PD, Pedrazzini T, White RB, Palmiter RD, Aubert ML. Chronic neuropeptide Y infusion into the lateral ventricle induces sustained feeding and obesity in mice lacking either Npy1r or Npy5r expression. *Endocrinology* 2004; 145(1):304-310. >>> Neuropeptide Y, porcine; Phosphate buffer; sodium chloride; ascorbic acid; BSA; CSF/CNS; Mice; 2001; 7 days; Controls received mp w/ vehicle; stress/adverse reaction: (see pg.305) initial weight loss from surgery/anesthesia; ALZET brain infusion kit II used; peptides; cyanoacrylate adhesive.
- P6374 Souweidane MM, Occhiogrosso G, Mark EB, Edgar MA, Dunkel IJ. Interstitial infusion of carmustine in the rat brain stem with systemic administration of O(6)-benzylguanine. *J Neurooncol* 2004; 67(3):319-326. >>> Carmustine; Dextrose water; CSF/CNS (brain stem); Rat; 2001D; 24 hours; Tissue perfusion (brain stem); good methods p. 321; cancer; cyanoacrylate adhesive; carmustine (BCNU) was dissolved in 5% dextrose water; pump incorrectly listed as a 2001 model; 30 g Plastics One cannula used with vinyl tubing by DURECT.
- P6373 Souweidane MM, Occhiogrosso G, Mark EB, Edgar MA. Interstitial infusion of IL13-PE38QQR in the rat brain stem. *J Neurooncol* 2004; 67(3):287-293. >>> IL13-PE38QQR; Saline; serum albumin; CSF/CNS (brain stem); Rat; 2001D; 24 hours; Tissue perfusion (brain stem); stability verified (7 days at 37 degrees Celsius); good methods p. 288; cancer; cyanoacrylate adhesive; pump incorrectly labeled as a 2001; IL13-PE38QQR is a tumor specific, chimeric cytotoxin; 30 g Plastics One Cannula used; vinyl catheter tubing from DURECT used.
- P6286 Pignataro G, Tortiglione A, Scorziello A, Giaccio L, Secondo A, Severino B et al. Evidence for a protective role played by the Na⁺/Ca²⁺ exchanger in cerebral ischemia induced by middle cerebral artery occlusion in male rats. *Neuropharmacology* 2004; 46(3):439-448. >>> Glu-xip; Xip; CB-DMB; KB-R7943; FeCl₃; Saline; DMSO; water; CSF/CNS; Rat; 1003D; 24 hours; Controls received mp w/ vehicle; dose-response (p. 444); peptides; cerebral ischemia (stroke); cannula secured by cyanoacrylate adhesive & dental cement; KB-R7943 dissolved in 10% DMSO in water; all other agents dissolved in saline; agents are NCX (Na/Ca) inhibitors.
- P6232 Hohmann JG, Krasnow SM, Teklemichael DN, Clifton DK, Wynick D, Steiner RA. Neuroendocrine profiles in galanin-overexpressing and knockout mice. *Neuroendocrinology* 2003; 77(6):354-366. >>> Galanin; CSF, artificial; CSF/CNS; Mice; 1007D; 6 days; Controls received mp w/ vehicle; functionality of mp verified by residual volume in pump; comparison of ICV injections vs. mp; ALZET brain infusion kit used; peptides; cyanoacrylate adhesive.
- P5996 Emsley JG, Hagg T. Alpha6beta1 integrin directs migration of neuronal precursors in adult mouse forebrain. *Exp Neurol* 2003; 183(2):273-285. >>> Laminin polypeptide; Acetic acid; rat serum albumin; gentamicin; CSF/CNS (neostriatum); Mice; 1002; 14 days; Controls received mp w/ vehicle; peptides; cannula affixed to the skull with cyanoacrylate adhesive (loctite 454); 3.0 mm long cannula; laminin is an A6B1 integrin ligand; schematic diagram of cannula placement (fig. 3; p. 278).
- P4747 Kernie SG, Liebl DJ, Parada LF. BDNF regulates eating behavior and locomotor activity in mice. *The European Molecular Biology Organization Journal* 2000; 19(6):1290-1300. >>> Brain-derived neurotrophic factor; Nerve growth factor; NT-4/5; PBS; CSF/CNS (third ventricle); mice; 1002; 14 days; Controls received mp w/ vehicle; functionality of mp verified by residual volume after sacrifice; peptides; ALZET brain infusion kit used; brain cannula secured to skull by

cyanoacrylate adhesive; cannula patency verified by methylene blue injection after sacrifice; recomb. human BDNF used; all neurotrophins infused via same pump.

P4272 Chen KS, Nishimura MC, Armanini MP, Crowley C, Spencer SD, Phillips HS. Disruption of a single allele of the nerve growth factor gene results in atrophy of basal forebrain cholinergic neurons and memory deficits. *J Neurosci* 1997; 17(19):7288-7296. >>> Nerve growth factor; CSF, artificial; serum, mouse; CSF/CNS; Mice; 1007D; 4 weeks; Controls received mp w/ vehicle; long-term study, pumps replaced after 2 weeks; peptides; ALZET brain infusion kit used; cannula secured to skull using cyanoacrylate adhesive; model 1007D pump was half coated w/ wax to reduce flow rate; human recomb. NGF used; ngf +/- mice used.

P3797 Ullman MD, Ventura RF, Draski LJ, Deitrich RA, Baker RC. Effect of exogenous GM1 on ethanol sensitivity in selectively bred mouse lines. *Alcohol Clin Exp Res* 1997; 21(4):661-665. >>> GM1; Saline; ³H tracer; CSF/CNS; mice; 1003D; 72 hours; controls received mp w/saline; ALZET brain infusion kit used; cannula secured to skull using cyanoacrylate adhesive; brain tissue distribution.