References on the Administration of Neurotensin Using ALZET® Osmotic Pumps

ALZET Comments: Xenin; neurotensin; SC; Mice; 1007D; 6 days; Controls received mp w/ saline; peptides; no stress (pg 1142); animal info (male, C57BL/6); comparison of IP injections vs. SC mp; dose-response (table 1); functionality of mp verified by residual volume.

ALZET Comments: Neurotensin; PD149163; Saline; CSF/CNS; Rat; 7, 21 days; Controls received mp w/ vehicle; ALZET brain infusion kit 2 used; animal info (lister hooded, 250-300 g.); cannula placement verified by histological assessment; PD149163 is an NT₁ selective analogue.

ALZET Comments: Neurotensin; Saline; CSF/CNS; Rat; 1003D; Controls received mp w/ vehicle; dose-response (pg 351, fig. 1); comparison of SC injections vs. mp; ALZET brain infusion kit 2 used; tolerance; peptides; animal info (Wistar-Han, male, 300-350g); "Diffusion of neurotensin into the pump was avoided by a drop of sesame oil" p. 350; "Complete surgery took about 20 min" p. 350; neurotensin is a tridecapeptide.

ALZET Comments: Neurotensin; PBS; BSA; SC; Mice; 2002; 5 days; Controls received mp w/ vehicle; peptides; wound healing.

ALZET Comments: Transforming growth factor-a; Brain-derived neurotrophic factor; Vasoactive intestinal polypeptide; Peptide, histidine-isoleucine; Gastrin releasing peptide; Substance P; Neuropeptide-C; Neurokinin A; Neuropeptide K; Neuropeptide Y; Somatostatin; Antrin; Cholecystokinin; Thyrotropin-releasing hormone; Neurotensin; Neuromedin N;; CSF, artificial; CSF/CNS (third ventricle); hamster; 2002; 18-22 days; peptides.

ALZET Comments: Neurotensin; PBS; BSA; SC; Mice (nude); 22 days; Controls received mp w/vehicle; cancer; peptides.

ALZET Comments: Epidermal growth factor; neurotensin; Saline; SC; Rabbit; 1 week; Controls received mp w/ vehicle; replacement therapy (enterectomy); good methods p.468; peptides; post op. care (IM gentamycin; IV banamine).

ALZET Comments: Neurotensin; Saline; CSF/CNS; mice; 3, 7 days; controls received mp w/saline; peptides; loop of tubing allowed flow cessation.

ALZET Comments: Neurotensin, (D-Trp11)-; Saline; CSF/CNS; Rat; 2002; 10 days; controls received mp w/ saline; comparison of icv injections vs. mp; peptides; tolerance; (D-Trp11)neurotensin is a peptidase-resistant derivative of neurotensin, allowing a longer duration of effect without inactivation.

ALZET Comments: Neurotensin; Vasopressin, arginine; Bombesin; Saline; IP; Rat; 7,8 days; controls received mp w/saline; peptides.

ALZET Comments: Atrial natriuretic factor; cholecystokinin; Granulocyte-colony stimulating factor.; glucagon; insulin; interleukin-2; interleukin-3; melatonin; nerve growth factor; neurotensin; prolactin; theophylline; CSF/CNS; IA (femoral); intrasplenic; IP; SC; no duration posted; peptides; ALZA-authored, review of peptide delivery issues and applications; tissue perfusion (spleen).

ALZET Comments: Neurotensin; SC; Rat; 2002; 14 days; controls received mp size plastic cylinders; injection vs. infusion; 2 doses of agent infused; functionality of mp verified (pump rates); stress/adverse reaction (local infection at site of implantation); peptides.

ALZET Comments: Neurotensin; Substance P; Thyrotropin-rel. factor; Saline; CSF/CNS; Rat; 8 days; portion of tubing connecting mp to icv cannula was externalized to allow shut off of flow; stability of agents verified; concomitant haloperidol admin.; peptides.

ALZET Comments: Neurotensin; Saline; SC; Guinea pig; 3-5 days; comparison of single iv injec vs. mp infusion; release rate performance of mp verified; peptides.

ALZET Comments: Morphine; Neurotensin; Saline; CSF/CNS; SC; Rat; 2001; 1 week; peptides.