References on the Administration of Melanocyte Stimulating Hormone Using ALZET® Osmotic Pumps

ALZET Comments: Melanocyte-stimulating hormone, alpha; Saline; SC; Rat; 2006; 6 weeks; Dose (0.72 ug /h); Controls received mp w/ vehicle; animal info (Zucker Diabetic Fatty rats); diabetes.

ALZET Comments: Melanocyte-stimulating hormone, a-; Saline, pyrogen free; CSF/CNS (lateral ventricle); Rat; 7 days; Dose (1 μg/μl/h); Controls received mp w/ vehicle; animal info (Male Wistar rats aged 2, 3, 12 or 24 months); ALZET brain infusion kit used; delayed delivery (12 hours).

ALZET Comments: Melanocyte-stimulating hormone, alpha; CSF/CNS; Rat; ALZET brain infusion kit used; pumps mentioned in introduction and discussion.

Q0718: E. Petervari, et al. Central alpha-MSH infusion in rats: Disparate anorexic vs. metabolic changes with aging. REGULATORY PEPTIDES 2011;166(1-3):105-111.
ALZET Comments: Melanocyte stimulating hormone, alpha; Saline, pyrogen free; CSF/CNS; Rat; 2001; 7 days; Controls received mp w/ vehicle; animal info (male, Wistar, 2 mo, 3-4 mo, 12 mo, 24 mo old, ); ALZET brain infusion kit used; cannula placement verified macroscopically; 12 hour delayed delivery due to "dead-space of the connecting tube".

ALZET Comments: Melanocyte stimulating hormone, alpha; Saline, pyrogen free; CSF/CNS; Rat; 2001; 7 days; Controls received mp w/ vehicle; peptides; ALZET brain infusion kit used; animal info (male, Wistar, 6-9 wks old, 3-4, 6, 12, 18, 24 mo old).

ALZET Comments: Melanocyte-stimulating hormone analogue, a-; IP; Mice; 1007D; 1 week; Controls received mp w/ vehicle; peptides; NDP-a-MSH plasma samples taken.

ALZET Comments: Melanocyte-stimulating hormone analogue, a-; IP; Mice; 1007D; 1 week; Controls received mp w/ vehicle; peptides; NDP-a-MSH plasma samples taken.

ALZET Comments: Melanocyte stimulating hormone, alpha; CSF, artificial; CSF/CNS; Rat; 8 days; Animals allowed to recover for 4-5 days after cannula implantation before pumps implanted.

ALZET Comments: Melanocyte-stimulating hormone, a-; Citric Acid; sodium chloride; SC; Mice (SCID); 1002; 3-14 days; Comparison of IV injections vs. mp; stability verified by HPLC analysis after 2 week peptide incubation @ 37ºC; cancer (melanoma); peptides.
ALZET Comments: Melanocyte-stimulating hormone, α-; CSF/CNS (median eminence); Rat; 2002; no duration posted; peptides.

ALZET Comments: ACTH analog; ORG-2766; Melanocyte-stimulating hormone, α-; Saline; CSF/CNS (sciatic nerve); SC; Rat; 2002; 2 weeks; Comparison of oral admin. and admin. by s.c. microspheres; comparison of s.c. injections vs. mp infusion; tissue perfusion (sciatic nerve).

ALZET Comments: Melanocyte-stimulating hormone, α-; Saline; SC; Rat; 5 days; controls received mp w/vehicle; mp model not stated.

ALZET Comments: ACTH (1-24); Dexamethasone disodium phosphate; Melanocyte-stimulating hormone, α-; Thyroxine, l-; SC; Rat; 6 days; comparison of agents effects; replacement therapy (hypophysectomy); peptides.

ALZET Comments: Melanocyte-stimulating hormone, α-; SC; Rat; 2001; 8 days or 32 hours; comparison of injec vs. mp infusion; no stress p. 14; peptides.

ALZET Comments: Melanocyte-stimulating hormone, β-; Melanocyte-stimulating hormone, α-; Saline; IP; fish; 2002; 4 weeks; comparison of agents effects; plasma assayed by RIA at 28 days to verify mp delivery; delivery rate 0.17 ul/hr at 21C; peptides.

ALZET Comments: Melanocyte-stimulating hormone, α-; Water; IP; fish; 1701; 10 days; peptides.

ALZET Comments: Melanocyte-stimulating hormone, α-; Acetic acid; Saline; IP; Rat; 3 weeks; comparison of injections vs. infusion; replacement therapy (hypophysectomy); pump replaced every 5 days for 3 weeks; peptides.