Recent References (2016-Present) on the Administration of Aldosterone Using ALZET® Osmotic Pumps

Agents: Aldosterone; Cycloheximide Vehicle: DMSO; Route: Not Stated; Species: Rat; Pump: 2004; Duration: 8 weeks; ALZET Comments: Animal info (primary aldosteronism rats); Aldosterone aka Aldo; cardiovascular;

Agents: Aldosterone Vehicle: Not Stated; Route: Not Stated; Species: Mice; Pump: Not Stated; Duration: 14 days; ALZET Comments: Dose: (600 μg/kg/day); animal info: Twelve-week-old male C57BL/6J mice; Aldosterone aka (Aldo); Cardiovascular

Agents: Aldosterone Vehicle: Not Stated; Route: Not Stated; Species: Rat; Pump: Not Stated; Duration: Not Stated; ALZET Comments: Dose: (0.75 μg/h); Controls received mp w/ vehicle; animal info: Male Sprague-Dawley rats at six weeks of age; Blood pressure measured via: (CODA noninvasive blood pressure system); Cardiovascular

Agents: Aldosterone Vehicle: Not Stated; Route: SC; Species: Mice; Pump: Not Stated; Duration: 14 days; ALZET Comments: Dose: (300 μg/kg/day); animal info (8-12-week-old WT and cKO male mice, 25-30 g); dependence;

Q110201: F. Jaisser, et al. The Non-Steroidal Mineralocorticoid Receptor Antagonist KBP-5074 Limits Albuminuria and has Improved Therapeutic Index Compared With Eplerenone in a Rat Model With Mineralocorticoid-Induced Renal Injury. Frontiers in Pharmacology 2021;12(604928
Agents: Aldosterone Vehicle: DMSO; Route: SC; Species: Rat; Pump: Not Stated; Duration: 27 days; ALZET Comments: Dose: Aldosterone (0.3 mg/ml); 0.01% DMSO vehicle used; Controls received mp w/ vehicle; animal info: male SD rats, 7–8 weeks of age; Seventy-six male SD rats were obtained for Study B, which was performed using the same protocol used for Study A, with one difference: KBP-5074 was administered instead of eplerenone at doses of 0.5 mg/kg (group 3, low-dose group), 1.5 mg/kg (group 4, mid-dose group), and 5 mg/kg BID (group 5, high-dose group) by oral gavage.

Q10199: J. Ito, et al. Id2 Represses Aldosterone-Stimulated Cardiac T-Type Calcium Channels Expression. International Journal of Molecular Sciences 2021;22(7); 
Agents: Aldosterone Vehicle: Saline; Route: SC; Species: Mice; Pump: 1007D; Duration: 7 days; ALZET Comments: Dose: (60 mg/kg/day)Controls received mp w/ vehicle; animal info: WT and Id2 transgenic mice, 8- to 12-week-old micepost op. care: (0.3 mg/kg of medetomidine, 4.0 mg/kg of midazolam, and 5.0 mg/kg of butorphanol) were used as anesthesia; cardiovascular;

Q10158: M. Fila, et al. A variant of ASIC2 mediates sodium retention in nephrotic syndrome. JCI Insight 2021;6(15);
Agents: Aldosterone; Dexamethasone Vehicle: Not Stated; Route: SC; Species: Rat; Pump: Not Stated; Duration: Not Stated; ALZET Comments: Dose: Aldosterone (10 μg/kg/d); Dexamethasone (14μg/kg/d); Controls received mp w/ vehicle; animal info: male rats (150–170 g) Sprague-Dawley rats
  **Agents:** Aldosterone; Rapamycin; Choroquine  **Vehicle:** DMSO; PBS; **Route:** IP; **Species:** Rat; **Pump:** 2004; **Duration:** 4 weeks;  **ALZET Comments:** Dose (1 mg/kg/day Rapamycin; 60 mg/kg/day Aldosterone); 0.5% DMSO, 99.5% PBS used; Controls received mp w/ vehicle; animal info (healthy male Sprague–Dawley rats, 180-200 g); Aldosterone aka Aldo, Rapamycin aka Rap, Choroquine aka CQ; dependence;

  **Agents:** Dexamethasone; Aldosterone; 20b-DHB  **Vehicle:** DMSO; Propylene glycol; **Route:** SC; **Species:** Mice; **Pump:** Not Stated; **Duration:** 7 days;  **ALZET Comments:** Dose: 20b-DHB(20 ug/day); animal info (C57BL/6J Male, Female (8 weeks of age); Dihydrocorticosterone aka (20b-DHB) is a full agonist of the mineralocorticoid receptor.; Mifepristone is a GR antagonist RU486; Spironolactone is a MR antagonist; Carbonyl reductase 1 (Cbr1),is an enzyme inhibitor; diabetes; obesity

  **Agents:** D-Aldosterone  **Vehicle:** Saline; **Route:** SC; **Species:** Mice; **Pump:** Not Stated; **Duration:** 4 weeks;  **ALZET Comments:** Dose (0.15 mg/hr); Controls received mp w/ vehicle; animal info (8-10 weeks old, Male, C57BL/6, MD1-KO); cardiovascular;

  **Agents:** Aldosterone, D-  **Vehicle:** Saline; **Route:** SC; **Species:** Mice; **Pump:** Not Stated; **Duration:** 4 weeks;  **ALZET Comments:** Dose (0.15 mg/hr); Controls received mp w/ vehicle; animal info (Male global MD1 knockout (MD1-KO) mice, 8 weeks); cardiovascular;

  **Agents:** Aldosterone  **Vehicle:** Saline; **Route:** IP; **Species:** Mice; **Pump:** Not Stated; **Duration:** 4 weeks;  **ALZET Comments:** Controls received mp w/ vehicle; animal info (C57BL/6 male mice, eight weeks old, weighing 22-26 g); 103.86 mmHg - 120.88 mmHg;cardiovascular;

  **Agents:** Aldosterone  **Vehicle:** Saline; **Route:** IP; **Species:** Mice; **Pump:** Not Stated; **Duration:** 4 weeks;  **ALZET Comments:** Dose (0.15-μg/h); 1% NaCl used; Controls received mp w/ vehicle; animal info (8-week-old MD1-KO mice); 113.18 mmHg - 127.1 mmHg;cardiovascular;

  **Agents:** Aldosterone  **Vehicle:** PEG; **Route:** SC; **Species:** Mice; **Pump:** 1004; **Duration:** 4 weeks;  **ALZET Comments:** Dose (0.28 mg/kg/day); animal info (C57BL/6J, Male, 5 weeks old); cardiovascular;

  **Agents:** Aldosterone  **Vehicle:** DMSO; **Route:** SC; **Species:** Rat; **Pump:** 2004; **Duration:** Not Stated;  **ALZET Comments:** Dose: (1.5 μg/h); 0.1% DMSO vehicle used; Controls received mp w/ vehicle; animal info: adult male Sprague–Dawley rats (250–350 g); Aldosterone aka (aldo); cardiovascular;
**Agents:** Aldosterone  **Vehicle:** PEG 400  **Route:** SC  **Species:** Rat  **Pump:** 2004  **Duration:** 4 weeks;
**ALZET Comments:** Dose: (1.5 μg/h); Controls received mp w/ vehicle; animal info: Adult male Sprague-Dawley rats (250–350g); cardiovascular; (Atrial fibrillation)

**Agents:** Aldosterone  **Vehicle:** PEG 400  **Route:** SC  **Species:** Rat  **Pump:** 2004  **Duration:** 4 weeks;
**ALZET Comments:** Dose: (1.5 μg/h); Controls received mp w/ vehicle; animal info (adult male Sprague-Dawley rats (250–350 g)); Aldosterone aka ald; cardiovascular;

**Agents:** Aldosterone  **Vehicle:** Saline  **Route:** SC  **Species:** Mice  **Pump:** 2004; 2006  **Duration:** 6 weeks;
**ALZET Comments:** Dose (0.4 mg/kg/day); Controls received mp w/ vehicle; animal info (db/db mice, 10 weeks old); Blood pressure measured via tail cuff method; diabetes;

**Agents:** Eplerenone; Aldosterone; Spironolactone; Angiotensin II  **Vehicle:** Not stated  **Route:** SC  **Species:** Mice  **Pump:** 1004; 1007D  **Duration:** 3 weeks;
**ALZET Comments:** Dose (0.7 mg/kg/day Angiotensin II; 0.03 mg/kg/d; 0.3 mg/kg/day Aldosterone; 0.7 mg/kg/day Aldosterone + Eplerenone); Controls received mp w/ vehicle; animal info (Twelve to 16-week-old male WT and Strn+/- male mice); Blood pressure measured via CODA noninvasive BP system; Angiotensin II aka Ang II; cardiovascular;

Q8445: Q. N. Dinh, et al. Aldosterone-Induced Hypertension is Sex-Dependent, Mediated by T Cells and Sensitive to GPER Activation. Cardiovascular Research 2020;
**Agents:** Aldosterone; G-1; G-15; Angiotensin II  **Vehicle:** Propylene Glycol; DMSO; Saline  **Route:** SC  **Species:** Mice  **Pump:** 2002  **Duration:** 14 days;
**ALZET Comments:** Dose (0.72 mg/kg/d; 0.03 mg/kg/d; 0.3 mg/kg/d; 0.7 mg/kg/d); 87% propylene glycol used; Controls received mp w/ vehicle; animal info (C57Bl/6 (WT) mice; RAG1-deficient mice; GPER- deficient mice); Blood pressure measured via tail cuff plethysmography;G-1 aka G protein-coupled estrogen receptor 1 agonist; G-15 aka G protein-coupled estrogen receptor 1 antagonism; replacement therapy (estrogen receptor);

**Agents:** Aldosterone  **Vehicle:** Not Stated  **Route:** SC  **Species:** Rat  **Pump:** 2002  **Duration:** 14 days;
**ALZET Comments:** Dose (0.75 ug/h); Controls received mp w/ vehicle; animal info (Male Wistar rats, 6-8 weeks of age, 200-250 g); dependence;

**Agents:** D-Aldosterone  **Vehicle:** Not Stated  **Route:** SC  **Species:** Mice  **Pump:** 1004  **Duration:** 30 days;
**ALZET Comments:** Dose (30 ug/hr); animal info (8 weeks old, Male, C57BL/6); cardiovascular;

Q7288: S. L. a. Z. G. Ming C. Gong. A New Mouse Model of Aortic Aneurysm Induced by Deoxycorticosterone Acetate or Aldosterone in the Presence of High Salt. IntechOpen 2019;1-12
**Agents:** Aldosterone  **Vehicle:** DMSO  **Route:** SC  **Species:** Mice  **Pump:** 2004  **Duration:** 4 weeks;
**ALZET Comments:** Dose (200, 500, 700 ug/kg/day); 50% DMSO used; animal info (10-month-old C57BL/6 male mice); cardiovascular;

**Agents:** Aldosterone  
**Vehicle:** Saline;  
**Route:** SC;  
**Species:** Dog (Beagle);  
**Pump:** 2ML4;  
**Duration:** 4 weeks;  
**ALZET Comments:** Dose (12 ug/kg/day); Controls received mp w/ vehicle; animal info (male adult purebred beagle dogs (8.0–8.5 kg)); cardiovascular;


**Agents:** Aldosterone  
**Vehicle:** PEG;  
**Route:** SC;  
**Species:** Mice;  
**Pump:** 1004;  
**Duration:** 4 weeks;  
**ALZET Comments:** Dose (0.125 ug/kg/min); Controls received mp w/ vehicle; animal info (C7B/BL6); Blood pressure measured via Tail Cuff Method; dependence;


**Agents:** Aldosterone  
**Vehicle:** Saline, sterile;  
**Route:** SC;  
**Species:** Mice;  
**Pump:** 1004;  
**Duration:** 4 weeks;  
**ALZET Comments:** Dose (250 ug/kg/day); Controls received mp w/ vehicle; animal info (Male C57BL/6J mice, 12 weeks old); Blood pressure measured via tail-cuff method;125 mmHg - 126 mmHg; Aldosterone aka Aldo; cardiovascular;


**Agents:** Aldosterone, d-  
**Vehicle:** Ethanol; Propylene Glycol; Distilled Water;  
**Route:** Not Stated;  
**Species:** Rat;  
**Pump:** 2004;  
**Duration:** 4 weeks;  
**ALZET Comments:** Dose (2.9 mg/mL); 9% ethanol, 87% propylene glycol, 4% dH2O used; Controls received mp w/ vehicle; animal info (Male Sprague-Dawley rats); diabetes;


**Agents:** Angiotensin (1-7), Aldosterone  
**Vehicle:** Not Stated;  
**Route:** SC;  
**Species:** Rat;  
**Pump:** 2004;  
**Duration:** 4 weeks;  
**ALZET Comments:** Dose (1 mg/kg/day); animal info (Sprague-Dawley, ); ALD0 aka aldosterone; cardiovascular;


**Agents:** Aldosterone and Spironolactone  
**Vehicle:** Saline;  
**Route:** SC;  
**Species:** Mice;  
**Pump:** 1004;  
**Duration:** 4 weeks;  
**ALZET Comments:** Dose (Aldosterone- 2 ug/day and Spironolactone- 20 mg/kg/day); animal info (9-10 weeks old); cardiovascular;


**Agents:** Aldosterone  
**Vehicle:** Ethanol;  
**Route:** SC;  
**Species:** Rat;  
**Pump:** 2002;  
**Duration:** 14 Days;  
**ALZET Comments:** Dose (2 µg/100g body weight/d); 1% Ethanol used; Controls received mp w/ vehicle; animal info (Sprague-Dawley rats 250-275 g);


**Agents:** Aldosterone, d-  
**Vehicle:** Not stated;  
**Route:** SC;  
**Species:** Rat;  
**Pump:** 2002;  
**Duration:** 14 days;  
**ALZET Comments:** animal info (Forty male adult Sprague-Dawley rats ); D-aldosterone aka aldosterone; dependence;


**Agents:** Aldosterone  
**Vehicle:** Saline;  
**Route:** SC;  
**Species:** Mice;  
**Pump:** Not Stated;  
**Duration:** 28 days;  
**ALZET Comments:** Dose (0.6 µg/kg/d); 1% saline used; Controls received mp w/ vehicle; animal info (adult male DBA2J mice);
Agents: Aldosterone  
Vehicle: Water, Distilled, DMSO buffered;  
Route: SC;  
Species: Rat;  
Pump: Not Stated;  
Duration: 6 weeks;  
ALZET Comments: Dose (); Controls received sham surgery and mp w/ vehicle; animal info (8 weeks, male, Sprague-Dawley, 290-320g); replacement therapy (aldosterone); aldosterone dosage and pump model not stated in article;  

Agents: Aldosterone  
Vehicle: DMSO;  
Route: SC;  
Species: Rat;  
Pump: 2006;  
Duration: 6 weeks;  
ALZET Comments: Dose (40, 80 or 160μg/kg/day); <5% DMSO used; Controls received mp w/ vehicle; animal info (Male, Sprague–Dawley, 200 to 250g); Resultant plasma level (40 μg/kg/day = 238 ± 17 pg/ml, 403 ± 38 pg/ml); (80 μg/kg/day = 461 ± 30 pg/ml); (160μg/kg/day = 1750 ± 151 pg/ml); cancer (glaucoma);  

Agents: Aldosterone  
Vehicle: Saline;  
Route: SC;  
Species: Mice;  
Pump: 1007D;  
Duration: 6 days;  
ALZET Comments: Dose (100 μg/kg/hr); animal info (8-13 week old);  

Agents: Aldosterone  
Vehicle: Saline;  
Route: SC;  
Species: Mice;  
Pump: 1002;  
Duration: 10 days;  
ALZET Comments: Dose (250 μg/kg/day); Controls received mp w/ vehicle; animal info (C57BL/6, 20-22 g); dependence;  

Agents: Aldosterone  
Vehicle: Saline;  
Route: SC;  
Species: Mice;  
Pump: 1002;  
Duration: 4 weeks;  
ALZET Comments: Dose (0.15 μg/hr); 1% Saline used; animal info (AT1ar KO, ); cardiovascular;  

Agents: Aldosterone  
Vehicle: Not Stated;  
Route: SC;  
Species: Rat;  
Pump: 2006;  
Duration: 7 days;  
ALZET Comments: Dose (80 μg/kg/day); animal info (male Sprague-Dawley rats weighing 200-250g); Therapeutic indication (Retinal ganglion cell loss);  

Agents: Aldosterone  
Vehicle: Saline;  
Route: SC;  
Species: Mice;  
Pump: Not stated;  
Duration: 28 days;  
ALZET Comments: Dose (240 μg/kg/day); 0.9% Saline used; Controls received mp w/ vehicle; cardiovascular;  

Q7777: W. H. Liao, et al. Aldosterone deficiency in mice burdens respiration and accentuates diet-induced hyperinsulinemia and obesity. JCI Insight 2018;3(14);  
Agents: aldosterone  
Vehicle: CSF, artificial;  
Route: CSF/CNS (lateral ventricle);  
Species: Mice;  
Pump: 2004;  
Duration: 4 weeks;  
ALZET Comments: Dose (25 ng/h); Controls received mp w/ vehicle; animal info (10-12 weeks, 1295vEv or ASKO); ALZET brain infusion kit 2 used; Brain coordinates (anterior-posterior –0.220, medial-lateral +1.000, dorsal-ventral –3.000); Cannula placement verified via stereotaxic frame and at sacrifice; cyanoacrylate adhesive; replacement therapy (aldosterone); Therapeutic indication (aldosterone attenuated high fat diet-induced hyperinsulinemia through increased body energetic efficiency);  

Agents: Aldosterone, D-  
Vehicle: Not Stated;  
Route: Not Stated;  
Species: Mice;  
Pump: Not Stated;  
Duration: 30 days;  
ALZET Comments: Dose (0.30 μg/h); animal info (C57BL/6 mice, 13-30 week old);

**Agents:** Angiotensin II; Aldosterone; Dexamethasone  
**Vehicle:** Not Stated;  
**Route:** SC;  
**Species:** Mice;  
**Pump:** 2002;  
**Duration:** 7 days;  

**ALZET Comments:** Dose ((AngII 400 μg/kg/day), (aldosterone 0.1μg/day), (dexamethasone 12 μg/kg/day)); Controls received mp w/ vehicle; animal info (8-14 weeks, male, C57BL/6J or PDS-/-); replacement therapy (aldosterone, dexamethasone; adrenalectomy); Vehicle used but identity not stated. All minipumps contained dexamethasone for glucocorticoid replacement;

Q7749: S. Gasparini, et al. Aldosterone infusion into the 4th ventricle produces sodium appetite with baroreflex attenuation independent of renal or blood pressure changes. Brain Research 2018;1698(70-80

**Agents:** aldosterone  
**Vehicle:** Saline, ethanol buffered;  
**Route:** CSF/CNS (fourth ventricle);  
**Species:** Rat;  
**Pump:** 2001;  
**Duration:** 6 days; 14 days;  

**ALZET Comments:** Dose (100 ng/μL); 1% ethanol in 0.9% NaCl used; Controls received mp w/ vehicle; animal info (male, Holtzman, 280-320g); post op. care (IM injection of penicillin (30,000 IU) and SC injection of Ketoflex (ketoprofen 1%, 0.03 ml/rat)); Brain coordinates (12.9 mm caudal to bregma in the midline, 4.8 mm below the surface of the skull. The tips of cannulas were positioned 2 mm above the 4th V.);

Q10137: L. G. Cervantes-Perez, et al. Disruption of the with no lysine kinase-STE20-proline alanine-rich kinase pathway reduces the hypertension induced by angiotensin II. Journal of Hypertension 2018;36(2):361-367

**Agents:** Angiotensin II; Aldosterone  
**Vehicle:** Not Stated;  
**Route:** SC;  
**Species:** Mice;  
**Pump:** 1002;  
**Duration:** 14 days;  

**ALZET Comments:** Dose  Ang II ( 1440 ug/kg per day); Aldosterone (700 ug/kg per day); animal info (12–16 wk old (approximately 25 g) male wild-type mice; Blood pressure measured via Radiotelemetry; Recorded blood pressure:  (see pg 363); Angiostensin II aka (Ang II); peptides; cardiovascular; Arterial hypertension


**Agents:** Aldosterone  
**Vehicle:** DMSO;  
**Route:** SC;  
**Species:** SC;  
**Pump:** 2ML4;  
**Duration:** 4 Weeks;  

**ALZET Comments:** Controls received mp w/ vehicle; 25% DMSO used; Dose (4 ug/Kg/day);


**Agents:** Aldosterone  
**Vehicle:** Not Stated;  
**Route:** Not Stated;  
**Species:** Mice;  
**Pump:** 2001;  
**Duration:** 7 days;  

**ALZET Comments:** animal info (Sgk1 KO); Dose (12 ug/day);


**Agents:** Aldosterone  
**Vehicle:** DMSO; saline;  
**Route:** SC;  
**Species:** Mice;  
**Pump:** Not Stated;  
**Duration:** 10 days;  

**ALZET Comments:** Controls received mp w/ vehicle; 25% DMSO used; Dose (4 ug/Kg/day);


**Agents:** Aldosterone  
**Vehicle:** Ethanol;  
**Route:** IP;  
**Species:** Mice;  
**Pump:** 1002;  
**Duration:** 8-12 days;  

**ALZET Comments:** Controls received mp w/ vehicle; animal info (4-5 week old); functionality of mp verified by plasma aldosterone levels; 5% ethanol used; Dose (900 μg/mL);


**Agents:** Aldosterone  
**Vehicle:** Not Stated;  
**Route:** Not Stated;  
**Species:** Rat;  
**Pump:** 2004;  
**Duration:** 4 hours;  

**ALZET Comments:** Controls received mp w/ PBS; animal info (male, Sprague Dawley, 8 weeks old); cardiovascular; Bp measured using tail cuff;  Dose (0.75 μg/kg/hr);

**Agents:** Aldosterone  **Vehicle:** DMSO; Saline  **Route:** SC  **Species:** Mice  **Pump:** 1007D  **Duration:** 6 days

**ALZET Comments:** Dose (100 ug/kg/24 h); 5% DMSO used; Controls received mp w/ vehicle; animal info (Male mice C57BL/6/J BomTac)


**Agents:** Aldosterone  **Vehicle:** Not Stated  **Route:** SC  **Species:** Mice (knockout)  **Pump:** 2004  **Duration:** Not Stated

**ALZET Comments:** Dose (0.2 μg/kg body weight per minute); Controls received mp w/ vehicle; animal info (Male systemic GC-A KO mice and wild-type); replacement therapy (left uninephrectomy)


**Agents:** Aldosterone  **Vehicle:** Not Stated  **Route:** SC  **Species:** Mice  **Pump:** Not Stated  **Duration:** Not Stated

**ALZET Comments:** Dose (0.5 mg/h); Controls received mp w/ vehicle; animal info (8-wk-old C57BL/6J male mice weighing 20–25 g)

Q6419: J. P. Ball, et al. Role and Regulation of MicroRNAs in Aldosterone-Mediated Cardiac Injury and Dysfunction in Male Rats. Endocrinology 2017;158(6):1859-1874

**Agents:** Aldosterone  **Vehicle:** PEG 300  **Route:** SC  **Species:** Rat  **Pump:** 2004  **Duration:** 8 weeks

**ALZET Comments:** Dose (0.75 mg/h); Controls received mp w/ vehicle; animal info (Eight-week old male Sprague-Dawley rats); replacement therapy (uninephrectomy); cardiovascular


**Agents:** Aldosterone  **Vehicle:** Not Stated  **Route:** SC  **Species:** Mice  **Pump:** Not Stated  **Duration:** 2 weeks

**ALZET Comments:** Controls received mp w/ vehicle; animal info (8-wk-old male mice weighing 25–30 g)


**Agents:** Aldosterone  **Vehicle:** Not Stated  **Route:** SC  **Species:** Rat  **Pump:** 2004  **Duration:** 4 weeks

**ALZET Comments:** Controls received no mp; animal info (male, Sprague Dawley, 5-6 weeks old, 260-290g); functionality of mp verified by measuring urinary aldosterone levels (pg 220); cardiovascular; bp measured using tail cuff; Dose (0.75 ug/hr)


**Agents:** Aldosterone, D-  **Vehicle:** Not Stated  **Route:** Not Stated  **Species:** Mice  **Pump:** Not Stated  **Duration:** 4 weeks

**ALZET Comments:** Controls received mp w/ saline; animal info (Male, C57BL6J, 8 weeks old, 20-25g); no stress (see pg. 3); replacement therapy (uninephrectomy); cardiovascular; Dose (30 μg/h)


**Agents:** Aldosterone  **Vehicle:** Saline  **Route:** SC  **Species:** Mice  **Pump:** 1002  **Duration:** 7 days

**ALZET Comments:** Controls received mp w/ vehicle; animal info (C57BL6 WT or BALB/c, 12-24 weeks old); 240 μg/kg/day


**Agents:** Aldosterone  **Vehicle:** Saline  **Route:** Not Stated  **Species:** Mice (knockout)  **Pump:** Not Stated  **Duration:** 7 days

**ALZET Comments:** Dose (240 μg/kg/day); animal info (Kidney--specific MR knockout mice, 12-24 weeks old)

**Agents:** Aldosterone  
**Vehicle:** Water; ethanol; propylene glycol; **Route:** SC; **Species:** mice; **Pump:** 2004; **Duration:** 4 weeks, 28 days;

**ALZET Comments:** Controls received mp w/ vehicle; animal info (male, C57BL6 or IL-18 KO, 8 weeks old); 9% ethanol used; 86.5% propylene glycol used; replacement therapy (uninephrectomy); immunology; Bp measured using indirect tail cuff; Dose (0.15 ug/h);


**Agents:** Aldosterone  
**Vehicle:** Saline; **Route:** SC; **Species:** Rat; **Pump:** 2004; **Duration:** 4 weeks;

**ALZET Comments:** Controls received mp w/ vehicle; animal info (male, Sprague Dawley, 260-290g); cardiovascular; bp measured using tail cuff; Dose (0.75 ug/h);


**Agents:** Aldosterone  
**Vehicle:** Ethanol; **Route:** SC; **Species:** Rat; **Pump:** 2004; **Duration:** 4 weeks;

**ALZET Comments:** Controls received mp w/ vehicle; animal info (male, Sprague Dawley, 5 weeks old, 18-200g); cardiovascular; Dose (0.75 ug/hr);


**Agents:** Aldosterone  
**Vehicle:** Ethanol; propylene glycol; water; **Route:** SC; **Species:** Rat; **Pump:** 2006; **Duration:** 5 weeks;

**ALZET Comments:** Dose (.75 ug/h); 9% ethanol, 87% propylene glycol, 4% H2O used; Controls received mp w/ vehicle; animal info (Four-week-old male Sprague-Dawley rats weighing 130–150g); Blood pressure measured via tail-cuff plethysmography;108.4 mmHg - 169.0 mmHg; Aldosterone aka aldo; cardiovascular;


**Agents:** Aldosterone  
**Vehicle:** Not Stated; **Route:** SC; **Species:** Mice (knockout); **Pump:** Not Stated; **Duration:** 4 weeks;

**ALZET Comments:** Dose (100 ng/kg/min); Controls received mp w/ vehicle; animal info (Male 12-week-old GC-A KO mice and their WT littermates); cardiovascular;


**Agents:** Aldosterone  
**Vehicle:** Not Stated; **Route:** SC; **Species:** Mice (knockout); **Pump:** Not Stated; **Duration:** 4 weeks;

**ALZET Comments:** Dose (100 ng/kg/min); Controls received mp w/ vehicle; animal info (Male 12-week-old GC-A KO mice and their WT littermates); cardiovascular;

Q4896: P. S. L. Maria Valero-Muñoz, BS; Richard M. Wilson, BS; Maarten Hulsmans, PhD; et al. Heart Failure With Preserved Ejection Fraction Induces Beiging in Adipose Tissue. Circulation: Heart Failure 2016;9(1-10

**Agents:** Aldosterone, D-  
**Vehicle:** Saline; **Route:** SC; **Species:** Mice; **Pump:** Not Stated; **Duration:** 4 weeks;

**ALZET Comments:** Dose (0.3 ug/h); Controls received mp w/ saline; animal info (C57BL6, 8 weeks old, 20-25g, uninephrectomy); replacement therapy (uninephrectomy); cardiovascular; bp measured using tail cuff; Dose (0.3 ug/h);


**Agents:** Aldosterone  
**Vehicle:** DMSO; Saline; **Route:** SC; **Species:** Rat; **Pump:** 2004; **Duration:** Not Stated;

**ALZET Comments:** animal info (9 week old male Sprague-Dawley rats); replacement therapy (left uninephrectomy);

Agents: Aldosterone; eplerenone; FAD286  Vehicle: CSF, artificial; acetonitrile; Route: SC; CSF/CNS; Species: Rat; Pump: 2004; Duration: 2 weeks, 3 weeks;

ALZET Comments: Controls received mp w/ vehicle; animal info (male, Wistar, 200-250g); 4% acetonitrile used; Multiple pumps per animal; cardiovascular; bp measured using radiotelemetry; bp measured using radiotelemetry; dose (1.5 and 7.5 ug/kg/hr Aldosterone, 5ug/day Eplerenone, 25 ug/day FAD286)


Agents: Aldosterone; G protein-coupled estrogen receptor 15 antagonist Vehicle: Not Stated; Route: SC; Species: Mice; Pump: 1004; Duration: 2 weeks;

ALZET Comments: Controls received mp w/ vehicle; animal info (BALB/c male mice, 2 month old); cancer (Orthotopic renal cancer); dose-response (pg. 2093); Dose (200 ug/kg/day for both);


Agents: Aldosterone Vehicle: Not Stated; Route: Not Stated; Species: Mice; Pump: Not Stated; Duration: 14 days;

ALZET Comments: Dose (600 μg/kg/d); Controls received mp w/ vehicle; animal info (8-10 week old male wild type, NLRP3 knockout, caspase-1 knockout, and interleukin-1 receptor knockout mice); cardiovascular;


Agents: Aldosterone Vehicle: Not Stated; Route: SC; Species: Rat; Pump: 2004; Duration: 28 days;

ALZET Comments: Dose (0.75 μg/kg/min); animal info (5-6 week old male Sprague-Dawley rats weighing 190 g); replacement therapy (uniphrectomy);