Recent References (2019-2020) on the Administration of Angiotensin II Using ALZET® Osmotic Pumps

Q8493: P. Nakagawa, et al. Increased Susceptibility of Mice Lacking Renin-b to Angiotensin II-Induced Organ Damage. Hypertension 2020;76(2):468-477

**Agents:** Angiotensin II **Vehicle:** Saline; **Route:** SC; **Species:** Mice; **Pump:** 1004; **Duration:** 4 weeks;
**ALZET Comments:** Dose (400 ng/kg); Controls received mp w/ vehicle; animal info (Male, 12-14 weeks old); Blood pressure measured via Tail Cuff Method; cardiovascular;


**Agents:** Angiotensin II **Vehicle:** Not Stated; **Route:** SC; **Species:** Mice; **Pump:** 2002; **Duration:** 28 days;
**ALZET Comments:** Dose (1.46 mg/kg/day); animal info (C57BL/6, 20 +/- 3g); cardiovascular;


**Agents:** Angiotensin II **Vehicle:** Not Stated; **Route:** SC; **Species:** Rat; **Pump:** 2004; **Duration:** 8 weeks;
**ALZET Comments:** Dose (10,000 ng/kg/h); Controls received mp w/ vehicle; animal info (male rats, 7.25 months old, 367 g); behavioral testing (Morris Water Maze, Open Field Test); pumps replaced every 4 weeks; Blood pressure measured via tail cuff method;120 mmHg - 170 mmHg; Angiotensin II aka Ang II; cardiovascular;


**Agents:** Angiotensin II **Vehicle:** Saline; **Route:** SC; **Species:** Mice; **Pump:** 2004; **Duration:** 28 days;
**ALZET Comments:** Dose (1000 ng/kg/min); 0.9% NaCl used; Controls received mp w/ vehicle; animal info (six month old male ApoE /- mice); Angiotensin II aka AngII; cardiovascular;


**Agents:** Angiotensin II **Vehicle:** Saline; **Route:** SC; **Species:** Mice; **Pump:** 2004; **Duration:** 14 days; 28 days;
**ALZET Comments:** Dose (1000 ng/kg/minute); 0.9% NaCl used; Controls received mp w/ vehicle; animal info (24-week-old male apolipoprotein E-deficient mice); Angiotensin II aka AngII; cardiovascular;


**Agents:** Angiotensin II **Vehicle:** Saline; **Route:** SC; **Species:** Mice; **Pump:** 2006; **Duration:** 12 weeks;
**ALZET Comments:** Dose (1 ug/kg/minute); Controls received mp w/ vehicle; animal info (3 month old male Tg mice); pumps replaced every 12 weeks; Blood pressure measured via tail-cuff; Angiotensin II aka Ang II; cardiovascular;


**Agents:** Angiotensin II **Vehicle:** Not stated; **Route:** SC; **Species:** Mice; **Pump:** Not stated; **Duration:** 14 days;
**ALZET Comments:** Dose (490 ng/kg/minute); animal info (Male C57BL6/J mice, 12 to 14 weeks old); Blood pressure measured via tail-cuff plethysmography;120 mmHg - 160 mmHg; Angiotensin II aka Ang II; cardiovascular;
**Agents:** Angiotensin II **Vehicle:** Saline; **Route:** SC; **Species:** Mice; **Pump:** 2004; **Duration:** 28 days;
**ALZET Comments:** Dose (1000 ng/kg/min); Controls received mp w/ vehicle; animal info (8-10 weeks of age male ApoE−/− knockout mice); Angiotensin II aka AngII; cardiovascular;

**Agents:** Angiotensin II **Vehicle:** Saline; **Route:** SC; **Species:** Mice; **Pump:** 2004; **Duration:** 28 days;
**ALZET Comments:** Dose (1400 ng/kg/min); Controls received mp w/ vehicle; animal info (16 weeks old, Male, C57BL/6J); cardiovascular;

**Agents:** Angiotensin II **Vehicle:** Saline; **Route:** SC; **Species:** Rat; **Pump:** Not stated; **Duration:** 4 weeks;
**ALZET Comments:** Dose (1000 ng/kg/min); Controls received mp w/ vehicle; animal info (male Sprague-dawley rats (8 weeks, weight 267-299 g)); 125 mmHg - 160 mmHg; Angiotensin II aka AngII; cardiovascular;

**Agents:** Angiotensin II **Vehicle:** PBS; **Route:** SC; **Species:** Mice; **Pump:** Not stated; **Duration:** 28 days;
**ALZET Comments:** #REF!

**Agents:** Aminopropionitrile, B-; Angiotensin II **Vehicle:** Not stated; **Route:** SC; **Species:** Mice; **Pump:** 1002; **Duration:** 14 days;
**ALZET Comments:** Dose (150 mg/kg/day BAPN, 1000 ng/kg/min AngII); animal info (Male mice of 11 to 14 weeks of age); Multiple pumps per animal (2 pumps); B-aminopropionitrile aka BAPN, Angiotensin II aka AngII; cardiovascular;

**Agents:** Angiotensin II **Vehicle:** Saline; **Route:** Not stated; **Species:** Mice; **Pump:** 2004; **Duration:** 28 days;
**ALZET Comments:** Dose (1,000 ng/kg/min); Controls received mp w/ vehicle; animal info (male ApoE−/− mice on a C57BL/6 background); Angiotensin II aka AngII; cardiovascular;

**Agents:** Angiotensin II; Aminopropionitrile, B-; Gefitinib; Rapamycin **Vehicle:** DMSO; **Route:** IP; **Species:** Mice; **Pump:** 1002; **Duration:** 14 days;
**ALZET Comments:** Dose (1000 ng/kg/min Angiotensin II; 150 mg/kg/day B-aminopropionitrile; 1000 mg/kg/day Gefitinib; 2 mg/kg/day Rapamycin); Controls received mp w/ vehicle; animal info (male mice aged 11–14 weeks); B-aminopropionitrile aka BAPN, Angiotensin II aka AngII; dependence;

**Agents:** Aminopropionitrile, B-; Angiotensin II **Vehicle:** Saline; **Route:** Not stated; **Species:** Mice; **Pump:** 2001; **Duration:** 7 days;
**ALZET Comments:** Dose (100 µg/kg per minute B-aminopropionitrile; 1000 ng/kg/per minute Angiotensin II); Controls received mp w/ vehicle; animal info (Eight-week-old male WT (C57BL/6 J) and CD44−/− mice); B-aminopropionitrile aka BAPN, Angiotensin II aka AngII; cardiovascular;
Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: 2002; Duration: 14 days;
ALZET Comments: Dose (1000 ng/kg/min); Controls received mp w/ vehicle; animal info (C57/BL6 female mice aged 14 ± 3 months old); Blood pressure measured via tail cuff system;104 ± 7 mmHg - 129 ± 5 mmHg; Angiotensin II aka Ang II; cardiovascular;

Agents: Angiotensin II Vehicle: Not stated; Route: SC; Species: Mice; Pump: 2006; Duration: 6 weeks;
ALZET Comments: Dose (1µg/kg/min); Blood pressure measured via radio-telemetry system; Angiotensin II aka ANG II; immunology;

Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: 2004; Duration: 28 days;
ALZET Comments: Dose (0.5 mg/kg per day); 0.9% NaCl used; Controls received mp w/ vehicle; animal info (5, 18-month-old female mice); post op. care (buprenorphine); Blood pressure measured via tail-cuff method;100 mmHg - 160 mmHg; cardiovascular;

Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: Not stated; Duration: 28 days;
ALZET Comments: Dose (1000 ng/kg/min); Controls received mp w/ vehicle; animal info (8-week-old C57BL/6J mice); Angiotensin II aka ANG II; diabetes;

Q8487: Z. Ge, et al. MFGE8 attenuates Ang-II-induced atrial fibrosis and vulnerability to atrial fibrillation through inhibition of TGF-beta1/Smad2/3 pathway. J Mol Cell Cardiol 2020;139(164-175
Agents: Angiotensin II Vehicle: Not stated; Route: SC; Species: Rat; Pump: 2004; Duration: 4 weeks;
ALZET Comments: Dose (200 ng/kg/minute); animal info (male Sprague-Dawley rats (weighing 200–250 g)); Angiotensin II aka Ang-II; cardiovascular;

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; 100 mg/kg/day Angiotensin II + Spironolactone; 200 mg/kg/day Aldosterone; 100 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;103 ± 2 mmHg - 99±1 mmHg; Angiotensin II aka Ang II; cardiovascular;

Agents: Angiotensin II Vehicle: Not stated; Route: Not stated; Species: Mice; Pump: 2004; Duration: 28 days;
ALZET Comments: Dose (1,000 ng/kg/min); animal info (9-week-old male mice); Blood pressure measured via CODA® non-invasive BP system; Angiotensin II aka Ang II; cardiovascular;

Agents: Angiotensin II Vehicle: Not stated; Route: Not stated; Species: Mice; Pump: 1007D; Duration: 7 days;
ALZET Comments: Dose (3 mg/kg/day); animal info (Male, 8e10-week-old C57BL/6 N mice); Angiotensin II aka Ang II; cardiovascular;

Agents: Angiotensin II Vehicle: DMSO; PEG 300; Route: SC; Species: Mice; Pump: 1002; Duration: 14 days;

ALZET Comments: Dose (1.5 μg/kg/min); 50% DMSO, 50% PEG 300 used; Controls received mp w/ vehicle; animal info (Nine-week old C57Bl/6 mice); Blood pressure measured via tail cuff method; 124.95 mmHg - 141.17 mmHg; Angiotensin II aka Ang; Cardiovascular;


Agents: Angiotensin II Vehicle: Not stated; Route: Not stated; Species: Mice; Pump: 1004; Duration: 4 weeks;

ALZET Comments: Dose (1000 ng/kg/min); Controls received mp w/ vehicle; animal info (12-week-old mice); Angiotensin II aka ANG II; Cardiovascular;


Agents: Angiotensin II; MRS2578 Vehicle: Saline; Route: SC; Species: Mice; Pump: 1004; Duration: 4 weeks;

ALZET Comments: Dose (1,000 ng/kg/min); Controls received mp w/ vehicle; animal info (apoE-/- mice, 8 to 10 weeks old, male); Blood pressure measured via tail-cuff system; 100 mmHg - 135 mmHg; Angiotensin II aka Ang II; Cardiovascular;


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 antagonist replacement therapy (estrogen receptor);


Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: 2004; Duration: 28 days;

ALZET Comments: Dose (3.6 mg/kg/d); Controls received mp w/ vehicle; animal info (Eight- to twelve-week-old male PI16-Tg mice); Angiotensin II aka Ang II; Cardiovascular;


Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: Not stated; Duration: 4 weeks;

ALZET Comments: Dose (2 mg/kg/day); Controls received mp w/ vehicle; animal info (Male, 10-12 week old C57BL/6J mice); Angiotensin II aka Ang II; Cardiovascular;


Agents: Angiotensin II Vehicle: DMSO; Route: SC; Species: Mice; Pump: 1004; Duration: 4 weeks;

ALZET Comments: Dose (1 ug/kg/min); Controls received mp w/ vehicle; animal info (Male, 8-10 weeks old, C57BL/6J); Cardiovascular;


Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: 1002; Duration: 1 week;

ALZET Comments: Dose (2.4 ug/kg/min); Controls received mp w/ vehicle; animal info (C57BL/6 mice, 9 to 10 weeks); Blood pressure measured via tail cuff method; XX mmHg - 145 mmHg; Toxicology;

Agents: Angiotensin II; Honokiol
Vehicle: Not stated; Route: SC; IP; Species: Mice; Pump: 1004; Duration: 4 weeks;
ALZET Comments: Dose (1 mg/kg/day); animal info (C57BL/6N male mice, 12 weeks old); Blood pressure measured via tail-cuff method;108 mmHg - 125 mmHg; Angiotensin II aka Ang II; Honokiol aka HNK; cardiovascular;

Agents: Angiotensin II Vehicle: Saline; Acetic Acid; Route: SC; Species: Mice; Pump: 2004; 2002; Duration: 28 days; 14 days;
ALZET Comments: Dose (490 ng/kg/min; 140 ng/kg/min); 1%Acetic Acid used; Controls received mp w/ vehicle; animal info (age- and sex-matched mice, 10–12 weeks of age); Blood pressure measured via tail-cuff;110 mmHg - 160 mmHg; Angiotensin II aka Ang II; cardiovascular;


Agents: Angiotensin II Vehicle: Saline, Sterile; Route: SC; Species: Mice; Pump: Not stated; Duration: 3 weeks;
ALZET Comments: Dose (2 μg/kg/min); Controls received mp w/ vehicle; animal info (Ten-week-old male C57Bl6 mice);

Agents: Angiotensin II; Liraglutide Vehicle: Saline; Route: SC; Species: Mice; Pump: Not stated; Duration: 4 weeks;
ALZET Comments: Dose (100 ng/kg/min); Controls received mp w/ vehicle; animal info (C57BL/6 male mice, 3-months old);

Q8399: J. E. Camacho Londono, et al. Transcriptional signatures regulated by TRPC1/C4-mediated Background Ca(2+) entry after pressure-overload induced cardiac remodelling. Prog Biophys Mol Biol 2020;
Agents: Isoproterenol; Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: 2004; Duration: 7 days; 14 days;
ALZET Comments: Dose (30 mg/kg/day Isoproterenol; 3 mg/kg/day Angiotensin II); 0.9%NaCl used; Controls received mp w/ vehicle; animal info (male mice, 2.5 to 4 months old); Blood pressure measured via tail-cuff method;1.4F Mikro-Tip Catheter pressure transducer; Isoproterenol aka Iso, Angiotensin II aka Ang II; cardiovascular;

Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: 2004; Duration: 28 days;
ALZET Comments: Dose (1 ug/kg/min); 0.9% NaCl used; Controls received mp w/ vehicle; animal info (male mice, 12 weeks old); Angiotensin II aka Ang II; cardiovascular;

Agents: Angiotensin II Vehicle: Water; Route: SC; Species: Mice; Pump: 1004; Duration: 28 days;
ALZET Comments: Dose (1.0 ug/kg/min); Controls received mp w/ vehicle; animal info (six-month-old male ApoE−/− Mice); Angiotensin II aka Ang II; cardiovascular;
Agents: Angiotensin II Vehicle: PBS; DMSO; Route: SC; Species: Mice; Pump: 2004; Duration: 28 days;
ALZET Comments: Dose (1 ug/kg/min); 20% DMSO used; Controls received mp w/ vehicle; animal info (Adult, 8-week-old Apoe-/- mice); Angiotensin II aka AngII; cardiovascular;

Q7947: S. Binas, et al. miR-221 and -222 target CACNA1C and KCNJ5 leading to altered cardiac ion channel expression and current density. Cell Mol Life Sci 2020;77(5):903-918
Agents: Angiotensin II; Isoproterenol Vehicle: Not stated; Route: SC; Species: Mice; Pump: 1004; Duration: 2, 3 weeks;
ALZET Comments: Dose ((AngII 1000 ng/kg/min), (ISO 30 mg/kg/day)); Controls received did not receive treatment; animal info (6 months, male, EGFR KO); post op. care (Carprofen (5–10 mg/kg SC) repeated every 8h if needed); cardiovascular; AngII administered for 3 weeks. ISO administered for 2 weeks.;

Agents: Angiotensin II Vehicle: Saline; Route: Not stated; Species: Mice; Pump: 1004; Duration: 3 weeks;
ALZET Comments: Dose (2000 ng/kg/min); Controls received mp w/ vehicle; animal info (Eight-week-old male C57BL/6 mice); Angiotensin II aka Ang II; dependence;

Agents: Angiotensin II Vehicle: Not stated; Route: SC; Species: Rat; Pump: 2002; Duration: 2 weeks;
ALZET Comments: Dose (435 ng/kg/min); Controls received mp w/ vehicle; animal info (Male Wistar rats (350–360 g));
Blood pressure measured via tail-cuff method;125 mmHg - 200 mmHg;Angiotensin II aka Ang II; dependence;

Q8345: Q. Bao, et al. Intermittent hypoxia mediated by TSP1 dependent on STAT3 induces cardiac fibroblast activation and cardiac fibrosis. Elife 2020;9 Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: 2004; Duration: 28 days;
ALZET Comments: Dose (1 mg/kg/day); 0.9% w/v used; Controls received mp w/ vehicle; animal info (Male C57BL/6J mice at 8–10 weeks); Angiotensin II aka Ang II; cardiovascular;

Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Rat; Pump: 2004; Duration: 4 week;
ALZET Comments: Dose (500 ng/kg/min); 0.9% saline used; Controls received mp w/ vehicle; animal info (Male Sprague-Dawley rats, 200–250g); Angiotensin II aka Ang II; dependence;

Agents: Angiotensin II Vehicle: Not stated; Route: SC; Species: Mice; Pump: 1002, 1004; Duration: 2, 4 weeks;
ALZET Comments: Dose (1.5 mg/kg/day); Controls received mp w/ vehicle; animal info (Global Plice1?/? mice on a C57BL/6J background); Blood pressure measured via tail-cuff system;130 mmHg - 210 mmHg;Angiotensin II aka ANG II; dependence;

Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: 1003D; Duration: 3 days;
ALZET Comments: Dose (1000 ng/kg/min); 0.9% NaCl used; Controls received mp w/ vehicle; animal info (ApoE-/ male mice, 12-14 weeks old); cardiovascular;

Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: Not stated; Duration: 4 weeks;
ALZET Comments: Dose (1000 ng/kg/min); Controls received mp w/ vehicle; animal info (12-14 week-old male mice with leptin receptor deficiencies); Blood pressure measured via tail cuff system;95 mmHg - 147 mmHg;Angiotensin II aka ATII; cardiovascular;

Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: 2004; Duration: 4 weeks;
ALZET Comments: Dose (1000 ng/kg/min); Controls received mp w/ vehicle; animal info (Male ApoE-/ knockout, 8 to 12 weeks old); Angiotensin II aka AngII; cardiovascular;

Agents: Angiotensin II Vehicle: Not Stated; Route: SC; Species: Mice; Pump: 1003D; Duration: 4 weeks;
ALZET Comments: Dose (1 μg/kg/min); animal info (Male C57BL/6 mice weighing 22 ± 3 g.);

Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice (knockout); Pump: 2004; Duration: 28 days;
ALZET Comments: Dose (1 μg/kg/min; 0.5 μg/kg/min); Controls received mp w/ vehicle; animal info (10-12 week old C57BL/6J mice; male ApoE--/ mice (apolipoprotein E-deficient) mice on a C57BL/6J background); cardiovascular;

Q7356: Zhimin Zhao, et al. HSP90 inhibitor 17-DMAG effectively alleviated the progress of thoracic aortic dissection by suppressing smooth muscle cell phenotypic switch. American Journal of Translational Research 2019;11(509-518
Agents: Angiotensin II Vehicle: Not Stated; Route: SC; Species: Mice; Pump: Not Stated; Duration: 48 hours;
ALZET Comments: Dose (1 μg/kg/min); animal info (Male FVB mice, weighing from 16 - 18 g.);

Agents: Angiotensin II Vehicle: Saline; Route: SC; Species: Mice; Pump: 2004; Duration: 28 days;
ALZET Comments: Dose (1000 ng/kg/min); Controls received mp w/ vehicle; animal info ((ApoE--) male mice (genetic C57BL/6J background, 6-8 weeks old, 20-25 g.)); cardiovascular; Therapeutic indication (abdominal aortic aneurysm);

Agents: angiotensin II; Hydroxyeicosatetraenoic acid, 12(S)- Vehicle: Saline; Route: SC; Species: Mice; Rat; Pump: 1002; Duration: 7 days; 14 days;
ALZET Comments: Dose (AngII (Mice 1 mg/kg/day), (Rat 400 ng/kg/min), (12(S)-HETE (Rat 1 mg/kg/day)); Controls received mp w/ vehicle; animal info ((Mice WT or 12-LOKO), (Rat Male Sprague-Dawley)); 12(S)-HETE is an arachidonic acid metabolite of 12-Lipoxygenase;

**Agents:** Angiotensin II **Vehicle:** Not Stated; **Route:** SC; **Species:** Mice; **Pump:** 2004; **Duration:** 4 weeks;

**ALZET Comments:** Dose (1.1 mg/kg/day); animal info (8-week-old); cardiovascular;


**Agents:** Angiotensin II **Vehicle:** Saline; **Route:** SC; **Species:** Guinea pig; **Pump:** 2004; **Duration:** 4-6 weeks;

**ALZET Comments:** Dose (60µg/µL); Controls received mp w/ vehicle; cardiovascular;


**Agents:** angiotensin II **Vehicle:** Saline; **Route:** SC; **Species:** Mice; **Pump:** 2002; **Duration:** 2 weeks;

**ALZET Comments:** Dose (1000 ng/kg/min); Controls received mp w/ vehicle; animal info (Five-months, male, C57/B6); cardiovascular;


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

**ALZET Comments:** Controls received mp w/ vehicle; animal info (adult, male, Wistar, 180g); cardiovascular; unable to obtain AngII dose as supplementary material is not accessible;

Q7640: B. Xue, et al. Stress-induced sensitization of angiotensin II hypertension is reversed by blockade of angiotensin-converting enzyme or tumor necrosis factor-alpha. American Journal of Hypertension 2019;

**Agents:** angiotensin II **Vehicle:** Saline; **Route:** SC; **Species:** Rat; **Pump:** 2002; **Duration:** 2 weeks;

**ALZET Comments:** Dose (120 ng/kg/min); Controls were non-stressed and received mp w/ vehicle; animal info (11 weeks, male, Sprague-Dawley); cardiovascular;


**Agents:** Angiotensin II **Vehicle:** Not Stated; **Route:** SC; **Species:** Mice; **Pump:** 1007D; **Duration:** 7 days;

**ALZET Comments:** Dose (1000ng/kg/min); animal info (10e12 weeks male C57BL/6 mice); cardiovascular;


**Agents:** Angiotensin II **Vehicle:** Not Stated; **Route:** SC; **Species:** Rat; **Pump:** 2002; **Duration:** 2 weeks;

**ALZET Comments:** Dose (200 ng/kg/min); animal info (Sixteen-week-old male Sprague–Dawley rats); post op. care (bafilomycin A1 or amitriptyline); sham-operated animals underwent surgical procedure with no pump implantation;


**Agents:** Angiotensin II **Vehicle:** Not Stated; **Route:** SC; **Species:** Mice; **Pump:** 2006; **Duration:** 6 weeks;

**ALZET Comments:** Dose (0.9 mg/kg/d); animal info (Male C57B/6 J mice, 8-10 months, 35-40 g); cardiovascular;