ZSF1 Rat Model of Cardio-Renal Disease

Model & Experimental Details

- ZSF1 Rats (SHHF x ZDF)
- Study Duration: 12 Weeks
- Blood Pressure via Radio-telemetry Transmitter Implanted into the Abdominal Aorta
- Markers of Renal Function & Injury and Histopathology
- Markers of Metabolic Disorder

### Systolic Blood Pressure

Mean Arterial Pressure (mmHg) vs. Weeks of Age

- ZSF1 Obese
- ZSF1 Obese + Enalapril

### Proteinuria

Urinary Protein (mg/mg creatinine) vs. Weeks of Age

- ZSF1 Obese
- ZSF1 Lean

### Serum Triglycerides

Serum Triglycerides (mg/dL) vs. Weeks of Age

- ZSF1 Obese
- ZSF1 Lean

### Serum Glucose

Serum Glucose (mg/dL) vs. Weeks of Age

- ZSF1 Obese
- ZSF1 Lean

### Kidney Weight

Kidney Weight (grams)

- ZSF1 Lean
- ZSF1 Obese

* Indicates statistical significance.