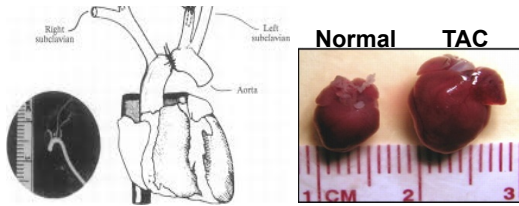


# MicroSurgery Core (MSC)

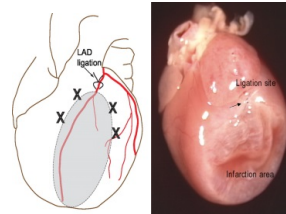
## Specialized Surgical models

### Transverse Aortic Constriction (TAC)



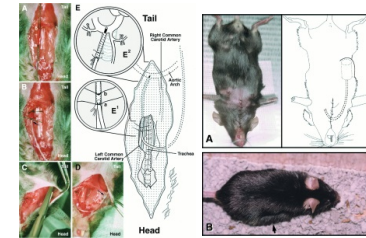
**Mouse / Rat**

### Left Coronary Artery Ligation



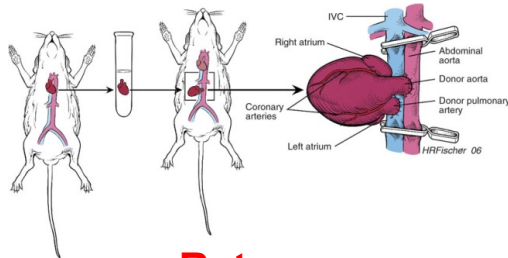
**Mouse / Rat**

### Telemetry Implantation



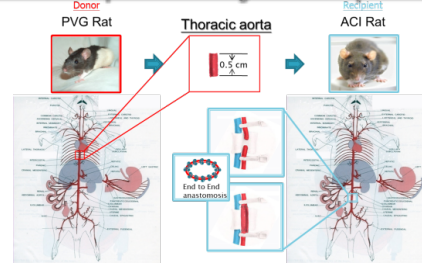
**Mouse / Rat**

### Heterotopic Heart Transplantation



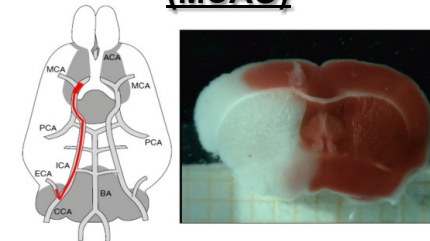
**Rat**

### Heterotopic Artery Transplantation



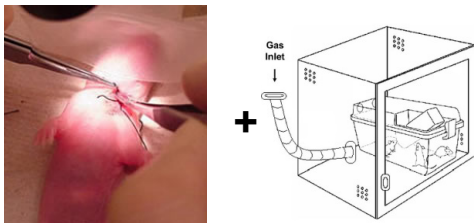
**Rat**

### Middle Cerebral Artery Occlusion (MCAO)



**Mouse / Rat**

### Neonatal Cerebral Ischemic Model



**Mouse / Rat**

**Contact:**  
**Yi-Je (Jay) Chen DVM, MS, PhD**  
[ijchen@ucdavis.edu](mailto:ijchen@ucdavis.edu)