Surgical & Preconditioning Services

Tumor models

- Subcutaneous model

- Metastatic model

- Orthotopic tumor model

- DEN-induced liver cancer model

- NSEE-induced gastric cancer model

Digestive System Disease Models

- Acute liver failure model

- 70% liver ischemia reperfusion injury (Liver IR)

- Surgery-induced liver fibrosis model

- Chemical drug-induced liver fibrosis model

- Liver regeneration

Urinary System Disease Models

- Chronic renal failure model

- Acute renal failure model

- Unilateral ureteral obstruction model

- Renal ischemia reperfusion injury model

Endocrine/Metabolic Disease Models

- Type I or type II diabetes mouse model

- Ovariectomy induced osteoporosis model

Inflammation & Immunological Disease Models

● Chemotherapy/Chemical-Induced enteritis model

● Psoriasis model

● Atopic dermatitis model

● Bone marrow transplant

● Experimental Autoimmune Encephalomyelitis (EAE) model

Nervous System Disease Models

● Parkinson's disease model

● Middle cerebral artery occlusion (MCAO) model

Cardiovascular System Disease Models

● Transverse aortic constriction (TAC) model

● Coronary artery ligation model