

From One Rat
in the CuTe System

Telemetry data
collected continuously
from start to end

- BP
- HR
- Temp
- Locomotion
- EMG, ERG, ECG or EEG

Plasma

- Drug Metabolism and Pharmacokinetics (DMPK)
 - PK/PD
- Metabonomics
- Rules Based Medicine
 - Rat metabolic panel
 - Rat kidney panel
- Clinical Pathology
 - Clinical Chemistry

Urine

- DMPK
 - PK/PD
- Metabonomics
- Clinical Pathology
 - Clinical Chemistry
 - Kidney Panel

Tissues at study end
e.g. Kidney
Liver and Heart
at the end of the expt

- Molecular Toxicology
 - Genomics
 - Proteomics
- Clinical Pathology
 - Histopathology