

OCM



Rat

P1/P2

Adult *Neonatal*

OCM Data

Urea / Albumin

Apoptosis / Cell Death

CYP Levels

Proteomics

Metabolomics

P3

**Temporal
Data Mining**

**Network
Algorithms**

**Dynamic
Models**

P4

**Network
Dataset**

**RNA Seq
Targeted
Proteomics**

**AOP Validation
& Discovery**

**OCM Model
Whole Body
Model**



**I
V
I
V
E**

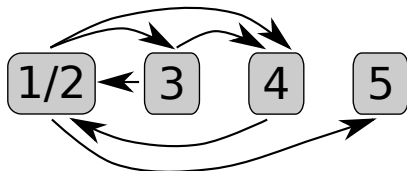
P5

**96/384 Well Plate
Platform**

**High-Throughput
Assays**

**High-Content
Imaging**

**High-Throughput
Analysis**



Experimental

Computational