

Knowledge availability

System size

Omics

Computation

Tedious analysis

Analysis

Data itself

Technology

**Biological
knowledge and
contradictory
issues**

**Data- and
hypothesis-
driven
modeling**

**"Dry" experiments
(simulation)**

**System analysis
and theory
formation**

Predictions

**Experiment
design and
experimental
device
development**

"Wet" experiments

**Experiment
data analysis**

