

*Microscopy
Video*

Information about Stimuli

CELL DETECTION

SEGMENTATION

CLUTTER REDUCTION

Object Traits & Positional Data

TRACKING

OBJECT STATE ESTIMATION

DATA ASSOCIATION

Object States & Trajectories

BEHAVIOR REASONING

OBJECT STATE & TRAJECTORY ANALYSIS

INDIVIDUAL BEHAVIORS

GROUP BEHAVIORS

*Statistical Models of Behavior of Cells
in Response to Stimuli*

