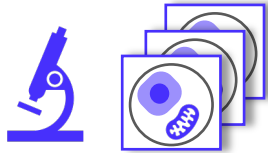


Data input



Gene construct

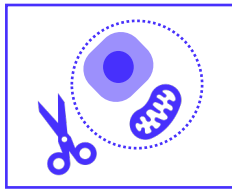


Microscope images

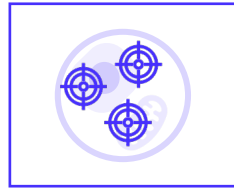


Automated Processes

Image Processing



Segmentation



Spot detection
and tracking

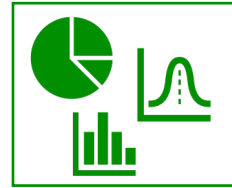


Quantitative
data selection

Stochastic Simulations



Simulated
images

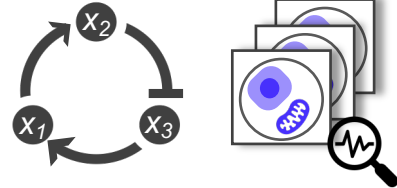


Simulated
data



Output

Model inference



Experimental data and
model interpretation