



Cellular behavior

*Trajectory analysis
Physics of behavior*

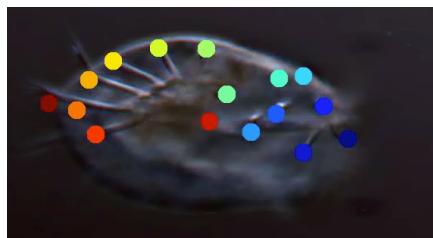
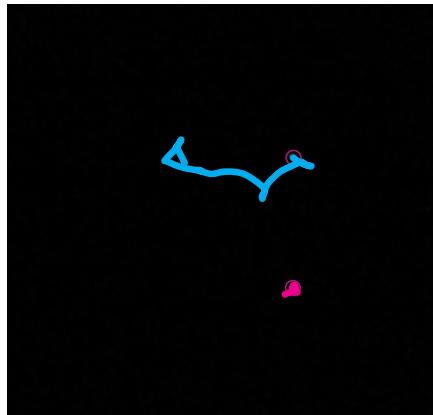
↔
*Change biotic and
abiotic environmental
conditions*



Subcellular coordination

*Kinematic analysis
Statistical mechanics*

→
Machine learning



Mechanisms of information processing

*Mechanics
Signaling
Morphology*

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*Perturb physiology
and structure*

