

TEAM : Intracellular Transport : Engineering and Mechanisms

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Indicate in which axis your team relates to:

Axis 1: Controlling and programming biological living matter

- Inducible and reversible protein capture and cell tuning
- Sensors (organelle damage, protein transport, etc.)
- Controlled trafficking (secretion, organelle identity, etc.)

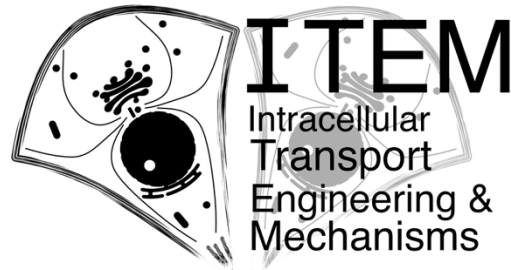
Axis 2: Emergence of spatial and temporal organization in living matter

Axis 3: Information processing and dynamics of biological active matter

Axis 4: Driving evolution within living systems

Team expertise:

- Real-time imaging / Genome editing
- Synchronized trafficking (RUSH)
- Inducible Protein interaction (CATCHFIRE)
- Nanobody development
- Sensor development



Question of Interest and/or Collaboration wanted:

- Quantitative analysis and modelling
- Nanotechnologies
- Sensor developement
- Instantaneous cell tuning