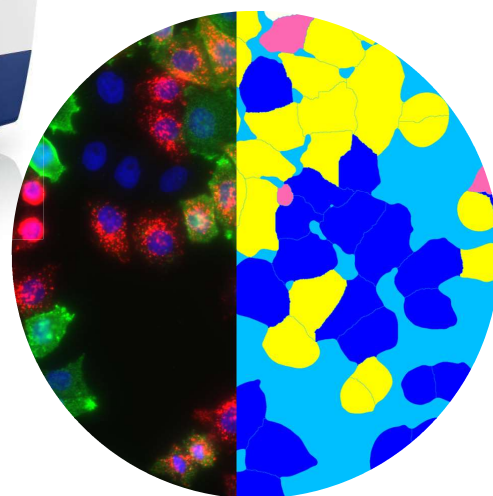
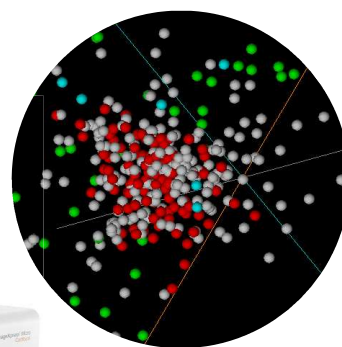
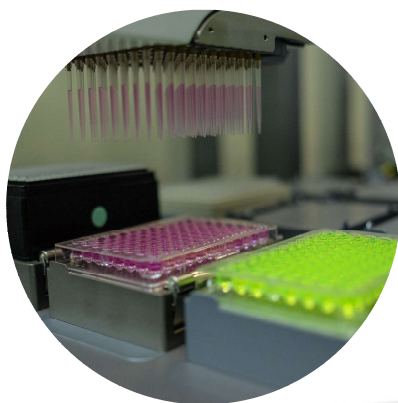


ACCESS Geneva

HCS CELL IMMUNO/FLUO-ASSAY



Ready to use HCS Cell assay, including:

- Cell culture *
- Assay preparation **
- Satining
- Imaging
- Image analysis

* using ACCESS Geneva cell line, optimisation might be needed for custom cellular model (extra cost)

** do not include heavy liquid handling (large library)

Prices:

- HCS Cell Immuno-Assay 96 well plate -- CHF 350.-
- HCS Cell Immuno-Assay 384 well plate -- CHF 450.-
- HCS Cell Fluo-Assay 96 well plate -- CHF 250.-
- HCS Cell Fluo-Assay 384 well plate -- CHF 300.-

Contact:

Dr. Dimitri Moreau
Head of ACCESS Geneva
access-geneva@unige.ch
+41 (0)22 379 61 96

HCS CELL IMMUNO-ASSAY

Cell organel: Early Endosome

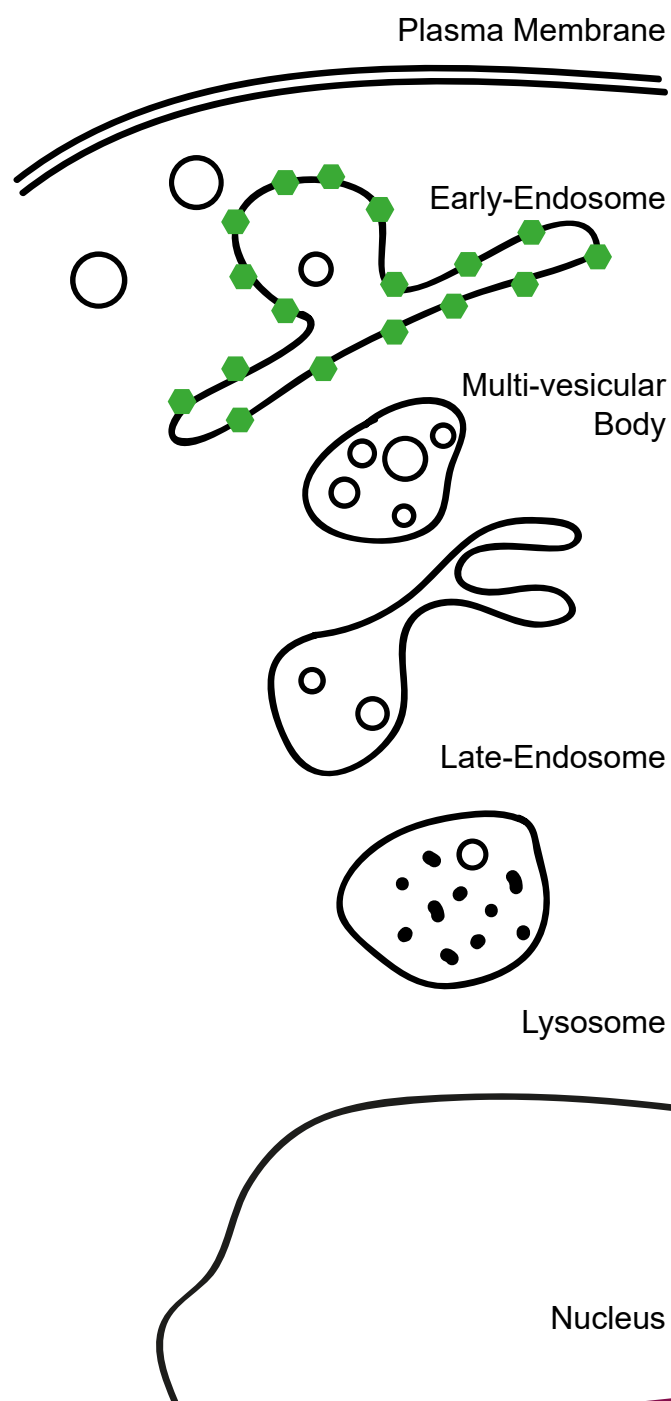
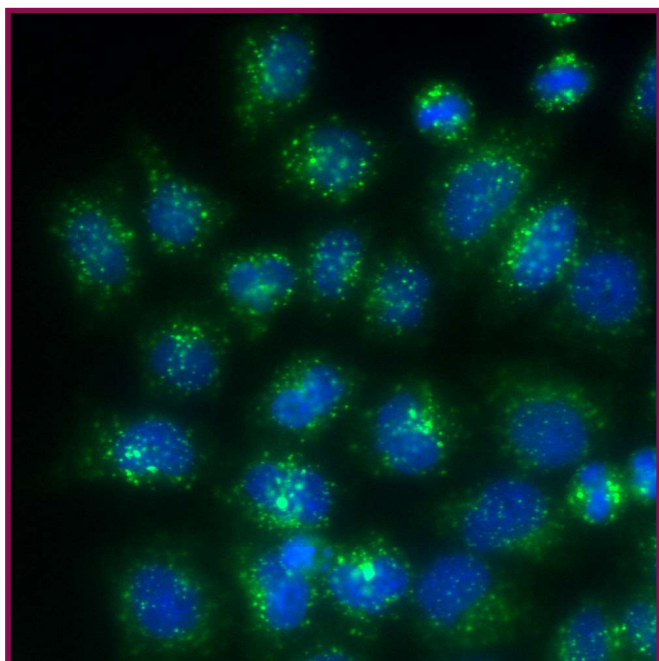
Cell Staining

- Hoescht (Nucleus + Cell body)
- EEA1 Anti-body

Parameters

- Nb. of endosomes
- Size
- Signal intensities
- Localization
- Shape

...



HCS CELL IMMUNO-ASSAY

Cell organel: Early Endosome

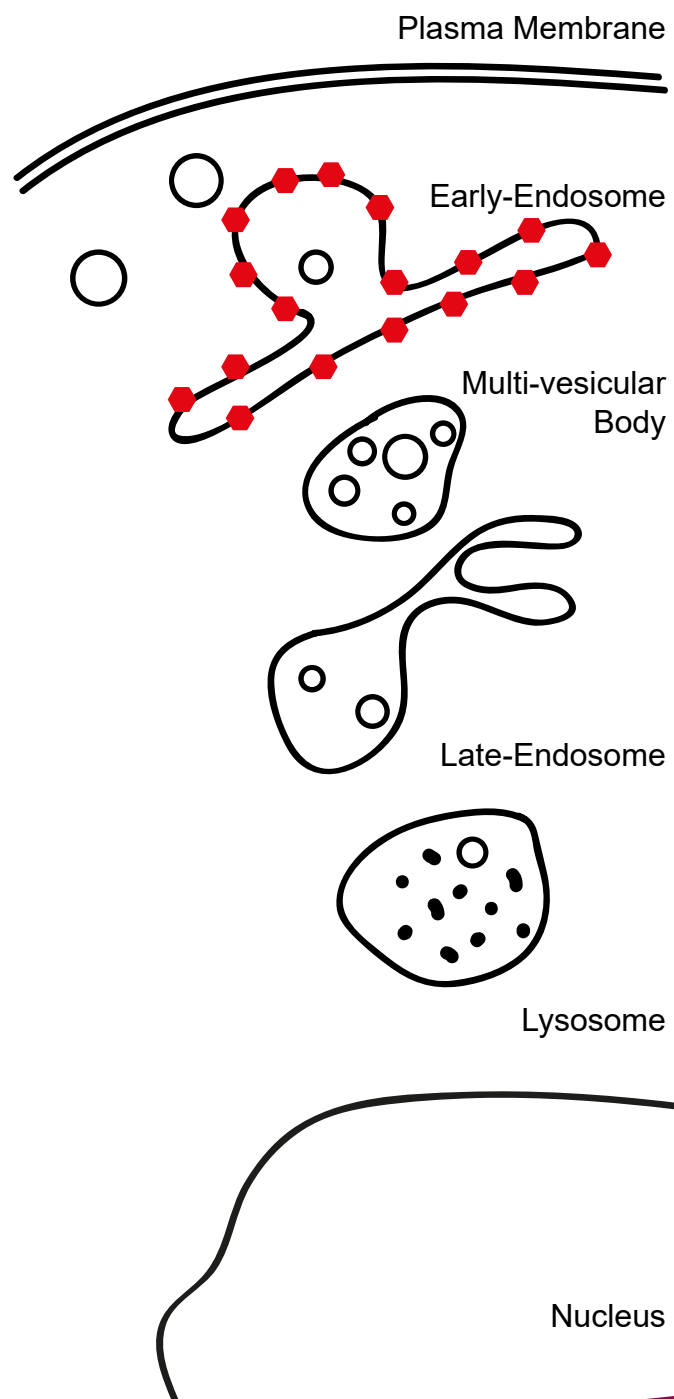
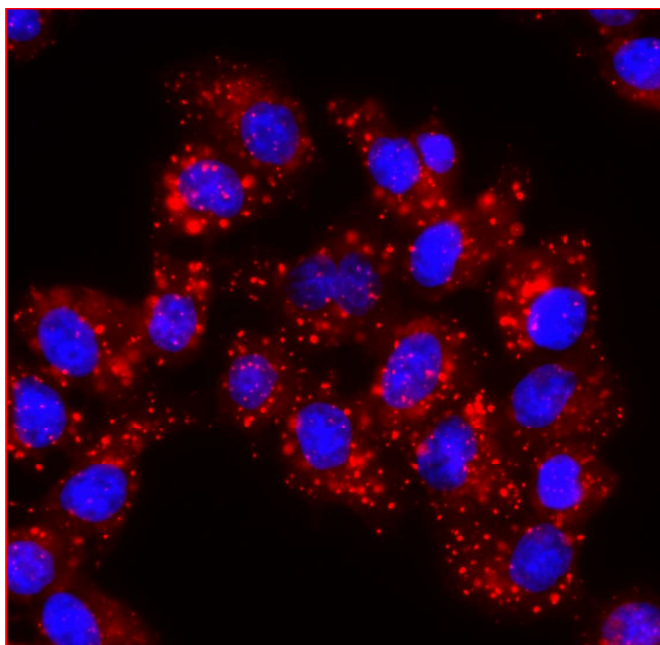
Cell Staining

- Hoescht (Nucleus + Cell body)
- PI3P (Lipid, GST-FYVE probe)

Parameters

- Nb. of endosomes
- Size
- Signal intensities
- Localization
- Shape

...



HCS CELL IMMUNO-ASSAY

Cell organel: Recycling Endosome

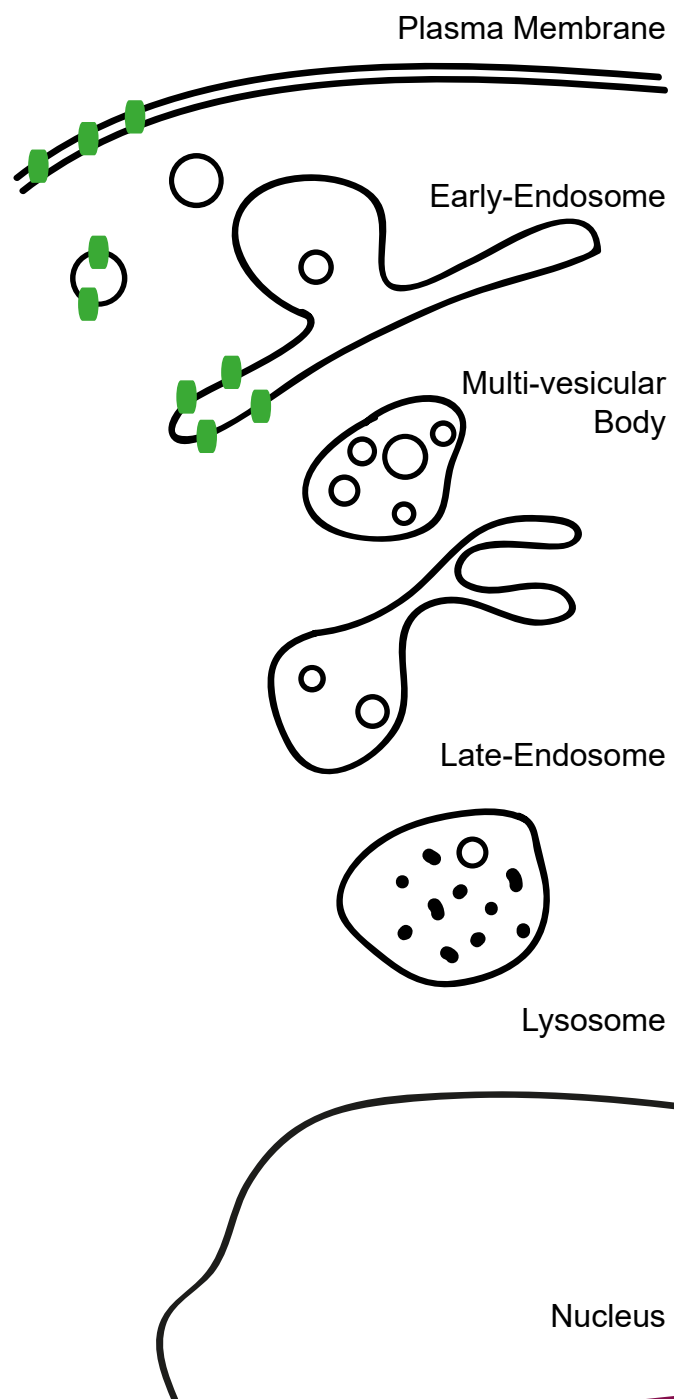
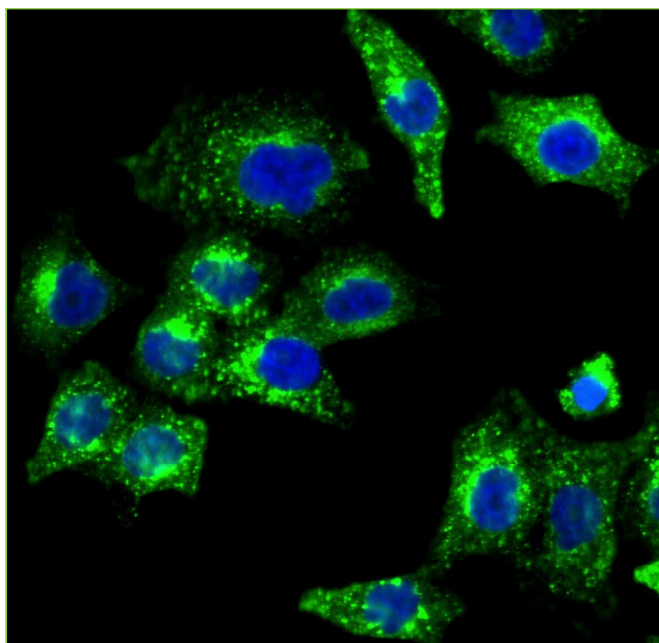
Cell Staining

- Hoescht (Nucleus + Cell body)
- Transferine Receptor Anti-body

Parameters

- Nb. of endosomes
- Size
- Signal intensities
- Localization
- Shape

...



HCS CELL IMMUNO-ASSAY

Cell organelle: Late Endosome / Lysosome

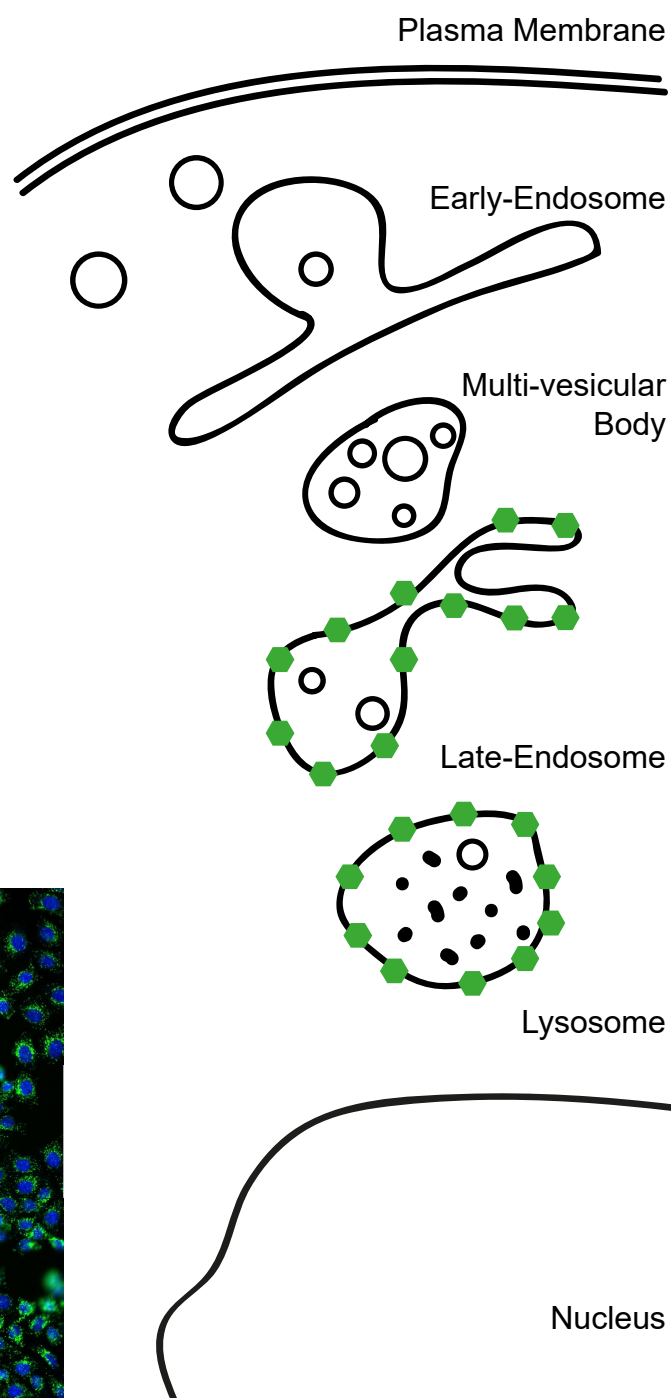
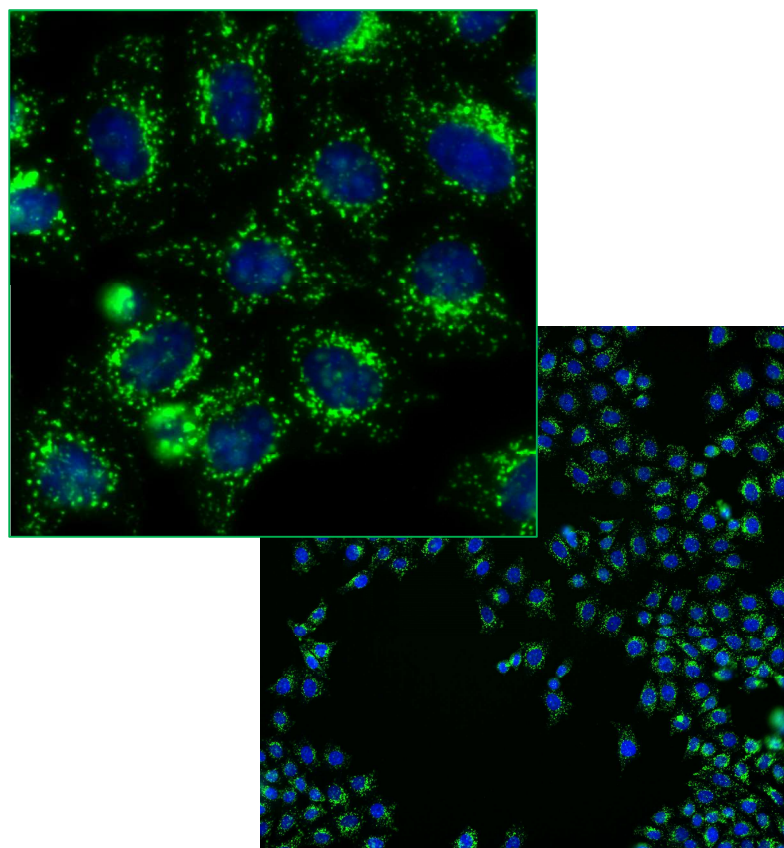
Cell Staining

- Hoescht (Nucleus + Cell body)
- LAMP1 Anti-body
- LBPA Anti-body (lipid)

Parameters

- Nb. of endosomes
- Size
- Signal intensities
- Localization
- Shape

...



HCS CELL FLUO-ASSAY

Cell organel: Lysosome pH

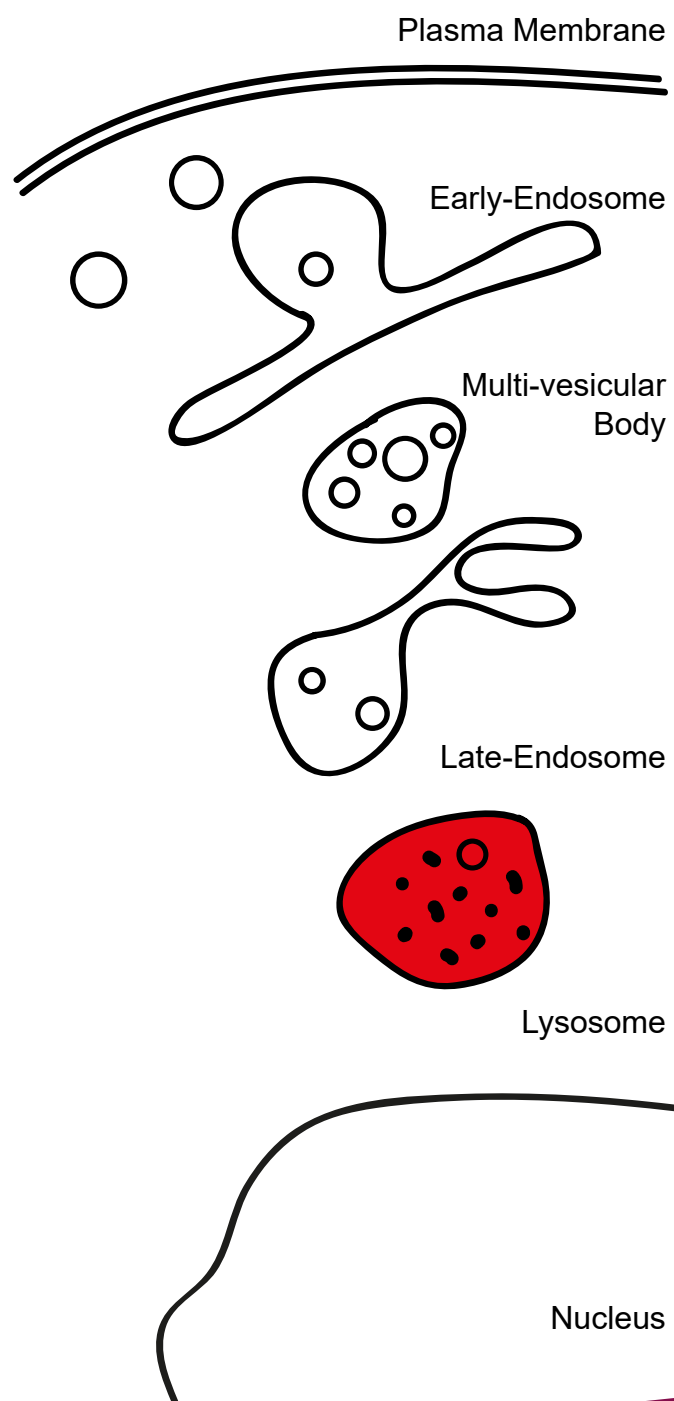
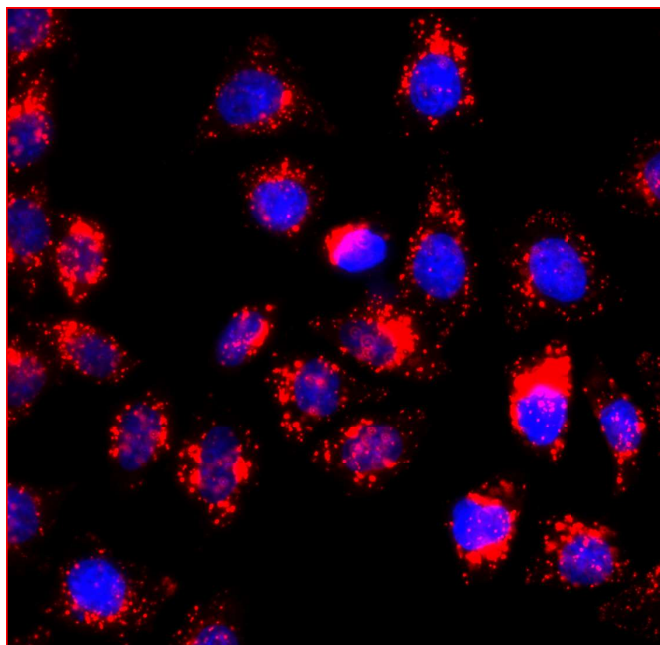
Cell Staining

- Hoescht (Nucleus + Cell body)
- LysoTracker

Parameters

- Nb. of endosomes
- Size
- Signal intensities
- Localization
- Shape

...



HCS CELL FLUO-ASSAY

Cell organel: Lipid droplet

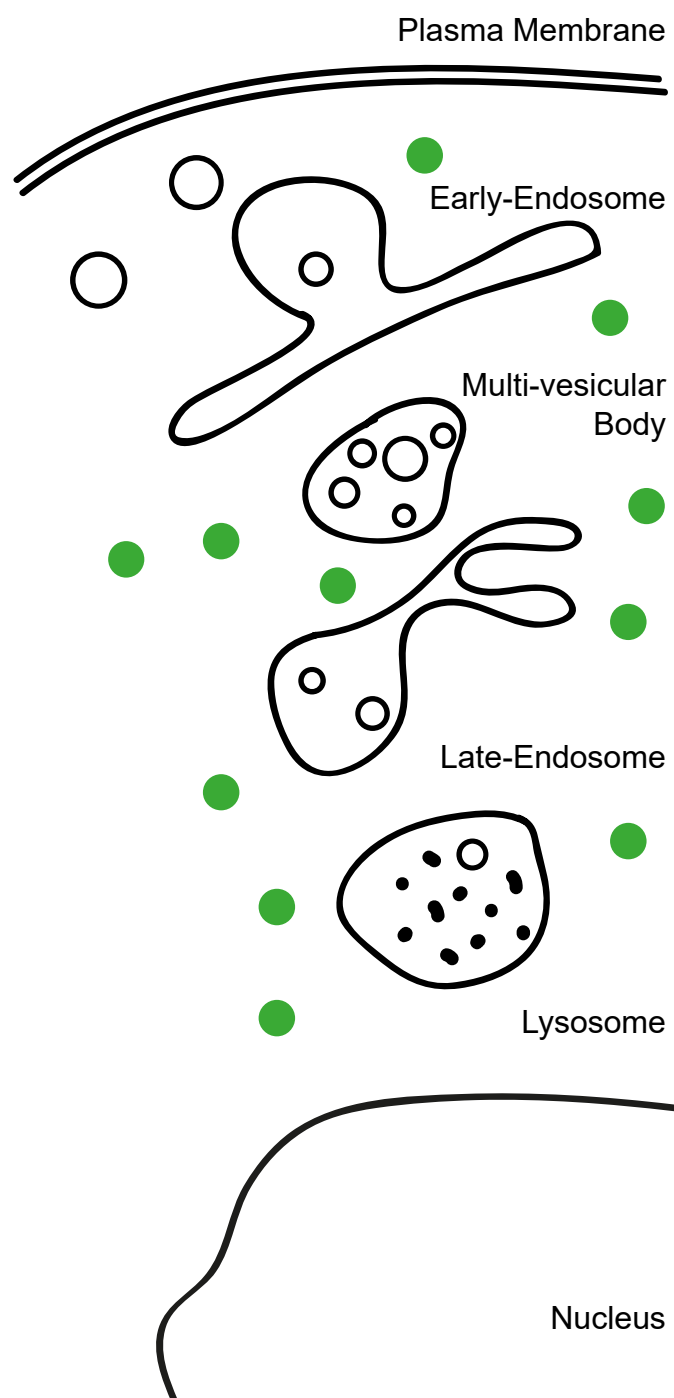
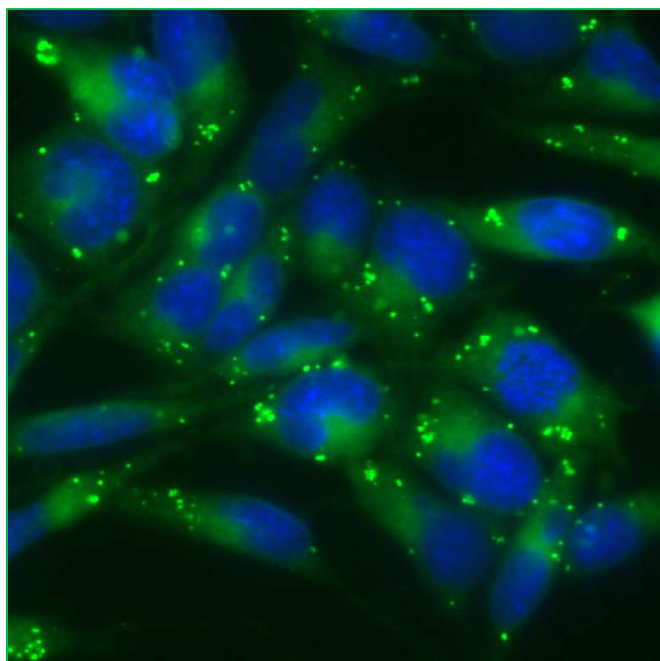
Cell Staining

- Hoescht (Nucleus + Cell body)
- Bodipy

Parameters

- Nb. of lipid droplet
- Size
- Signal intensities
- Localization
- Shape

...



HCS CELL IMMUNO-ASSAY

Cell organel: Lipid droplet

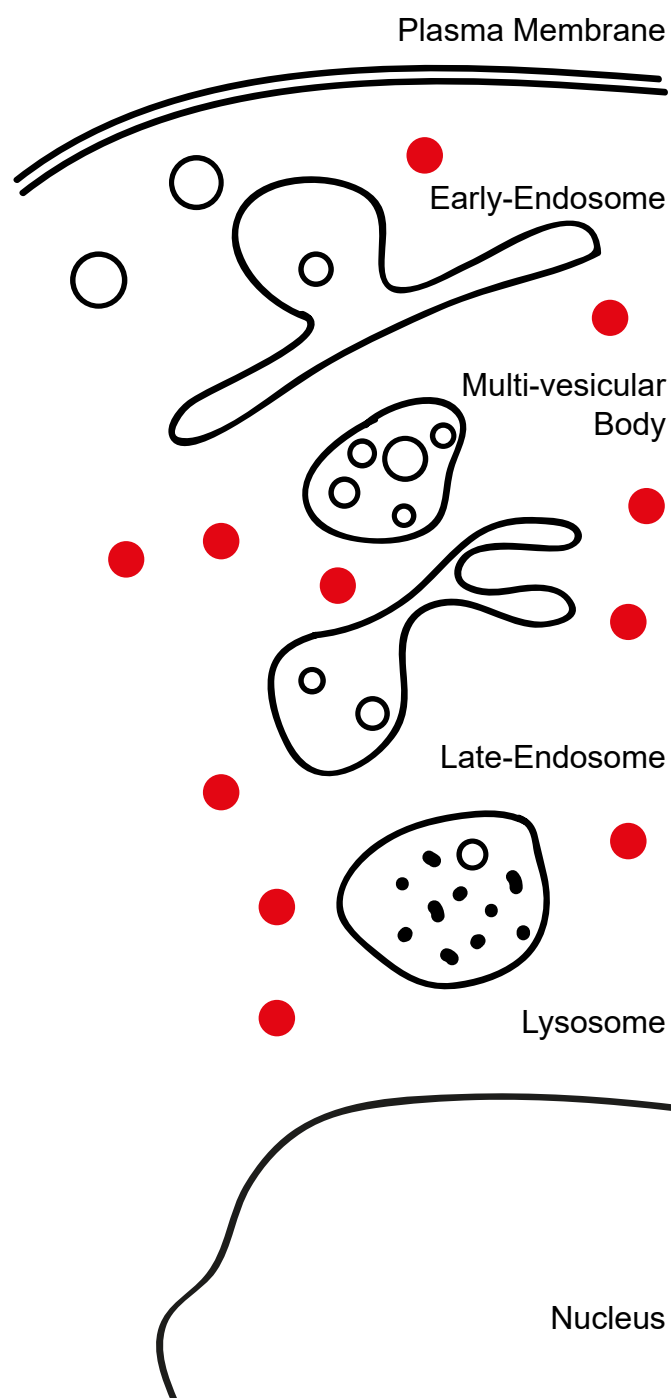
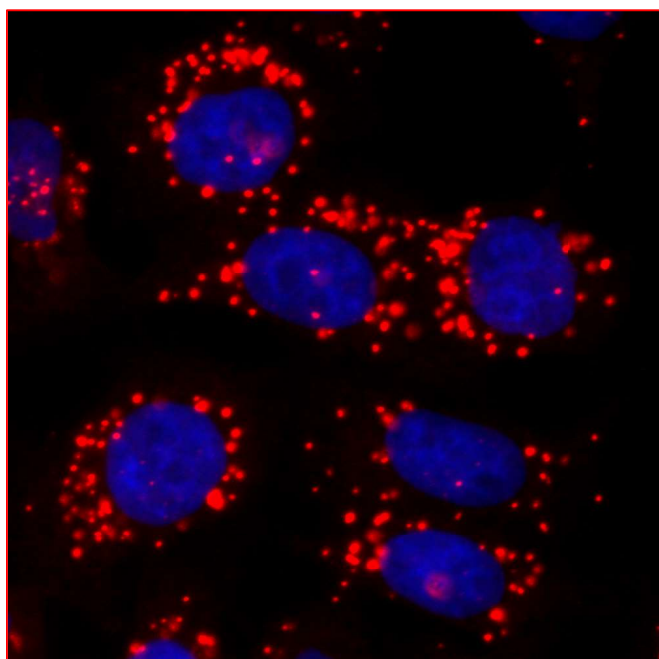
Cell Staining

- Hoescht (Nucleus + Cell body)
- PLIN2 Anti-body

Parameters

- Nb. of lipid droplet
- Size
- Signal intensities
- Localization
- Shape

...



HCS CELL IMMUNO-ASSAY

Cell trafficking: EGFR degradation

Cell Staining

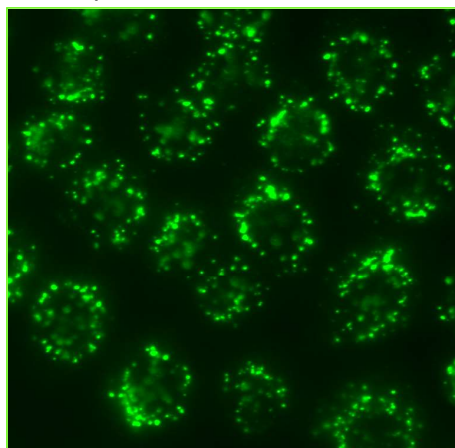
- Hoescht (Nucleus + Cell body)
- EGFR Anti-body (EGF stimulation, 180 min follow up)

Parameters

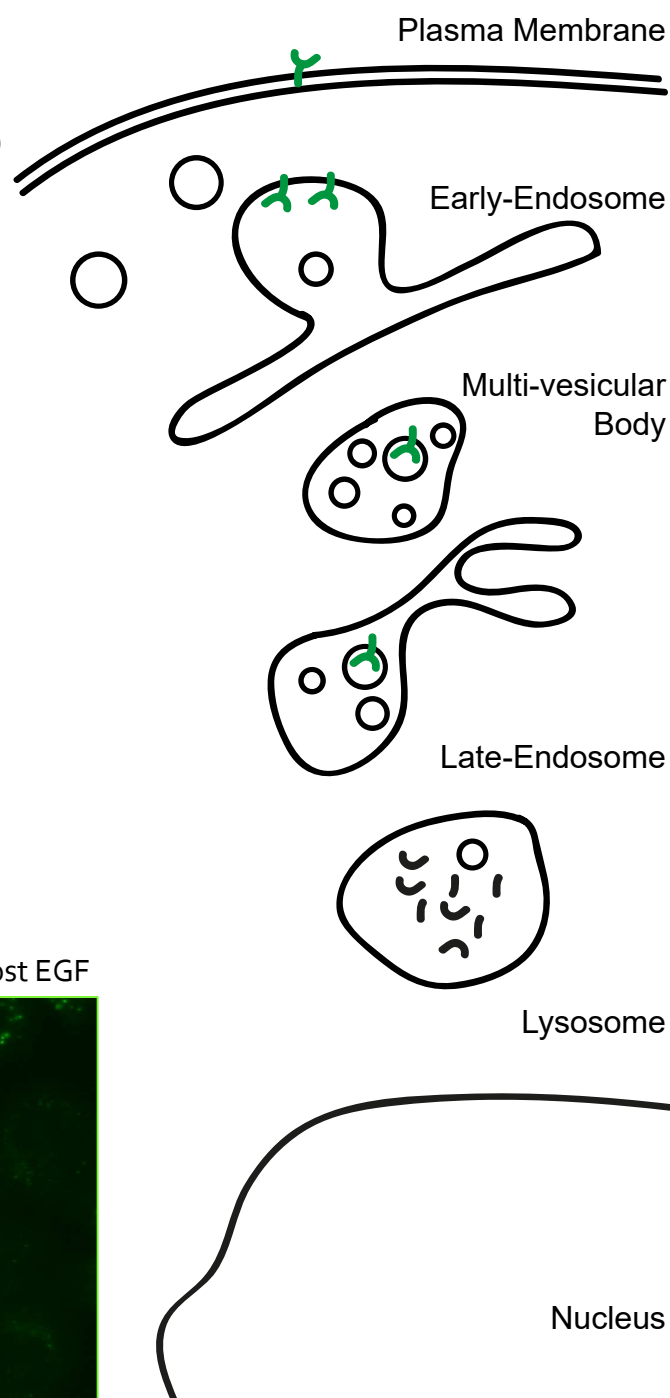
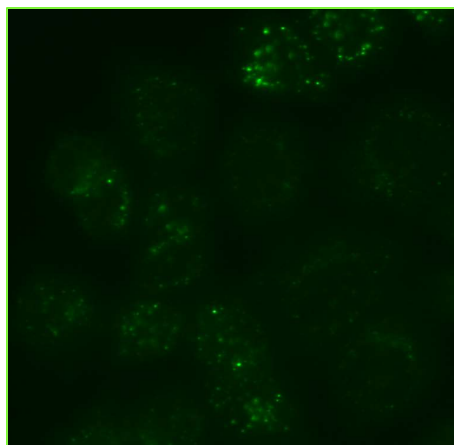
- Nb. of endosomes
- Size
- Signal intensities
- Localization
- Shape

...

15min post EGF



60min post EGF



HCS CELL IMMUNO-ASSAY

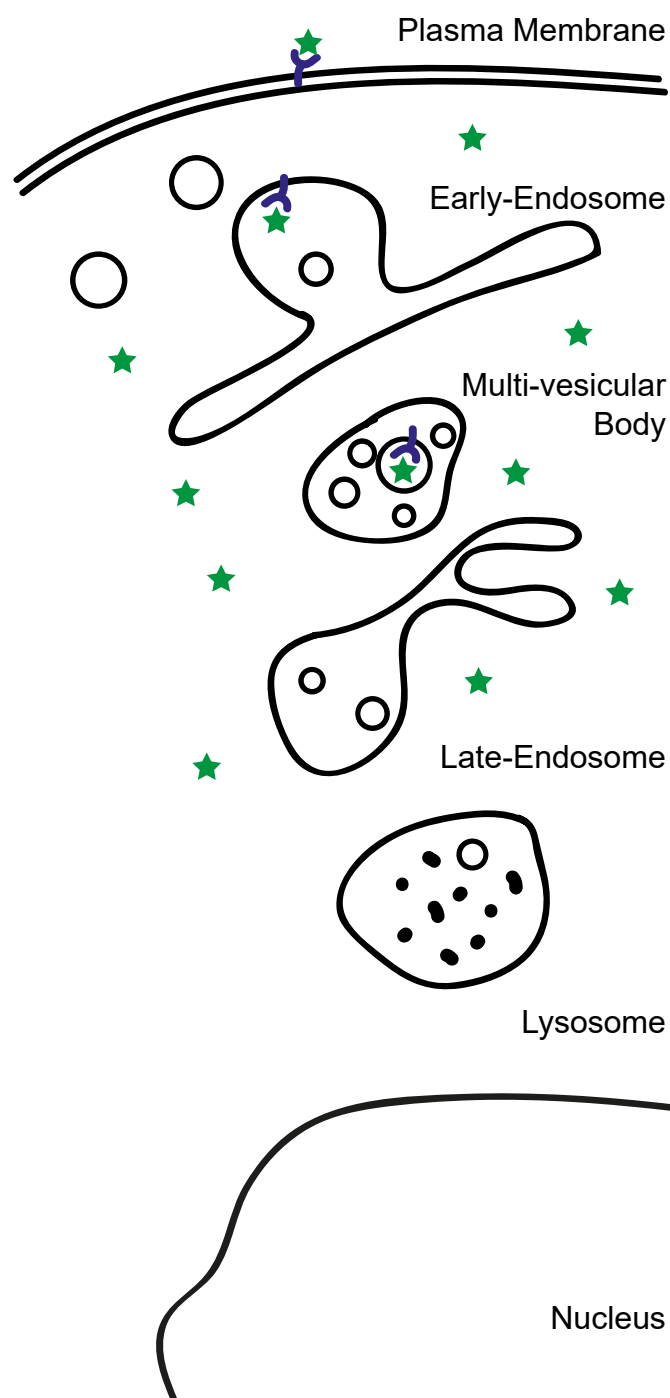
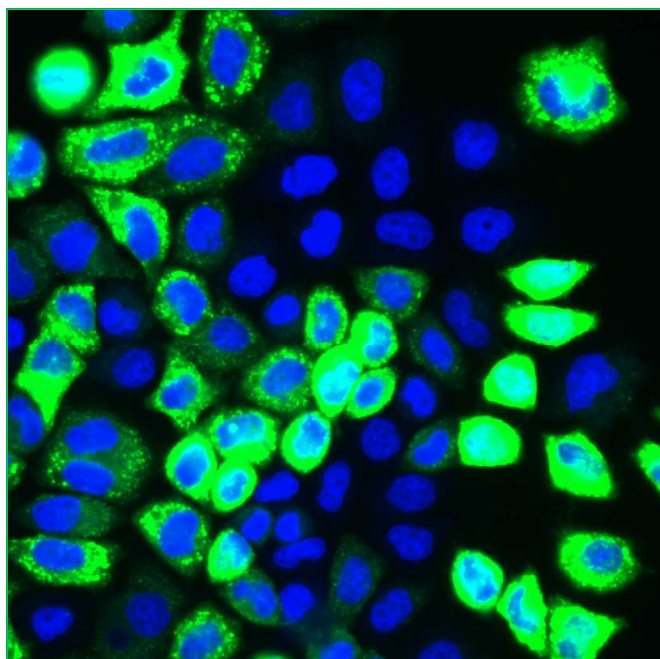
Cell trafficking: VSV infection

Cell Staining

- Hoescht (Nucleus + Cell body)
- VSVP-GFP

Parameters

- Ratio of infected cells
- Signal intensities



HCS CELL FLUO-ASSAY

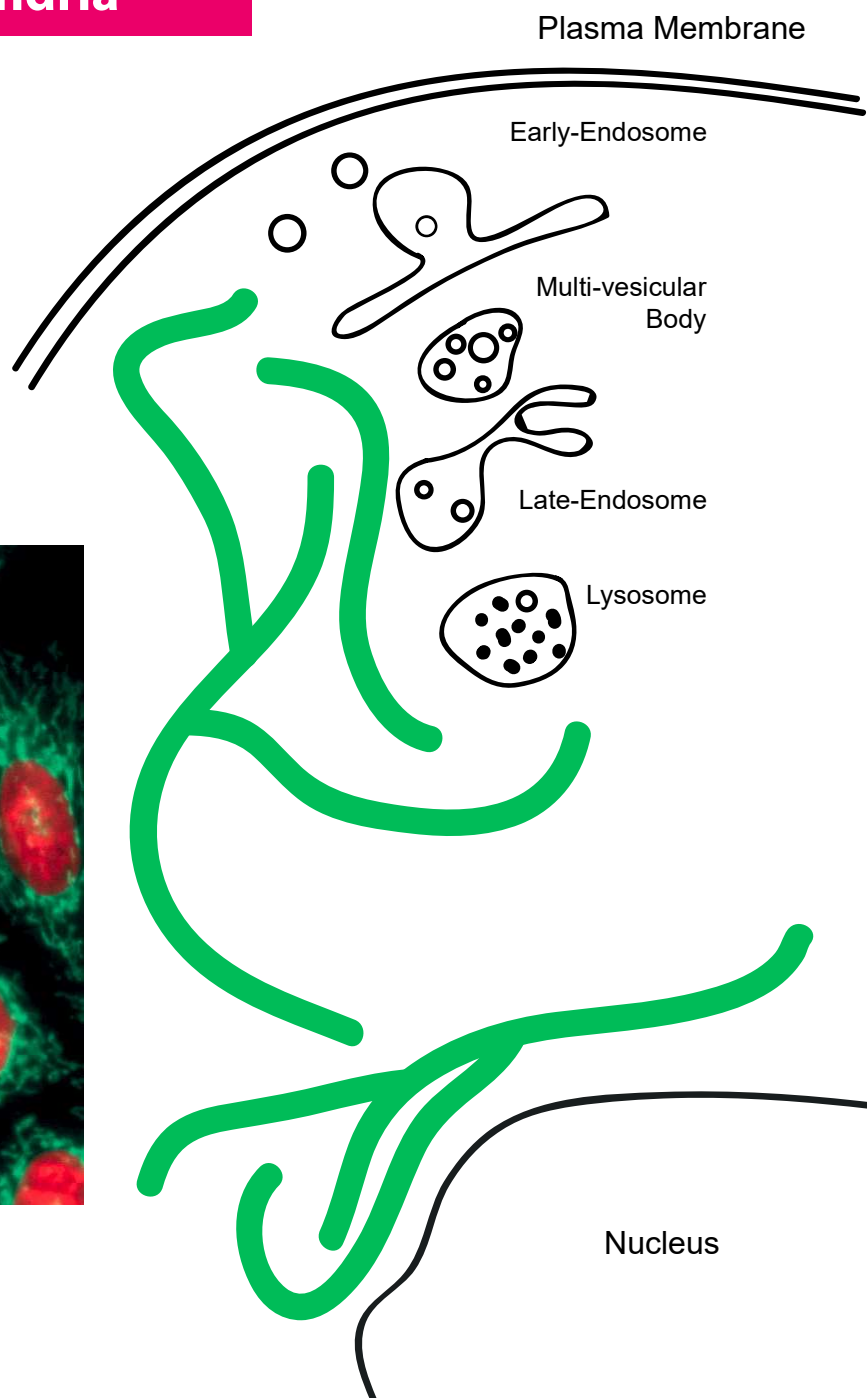
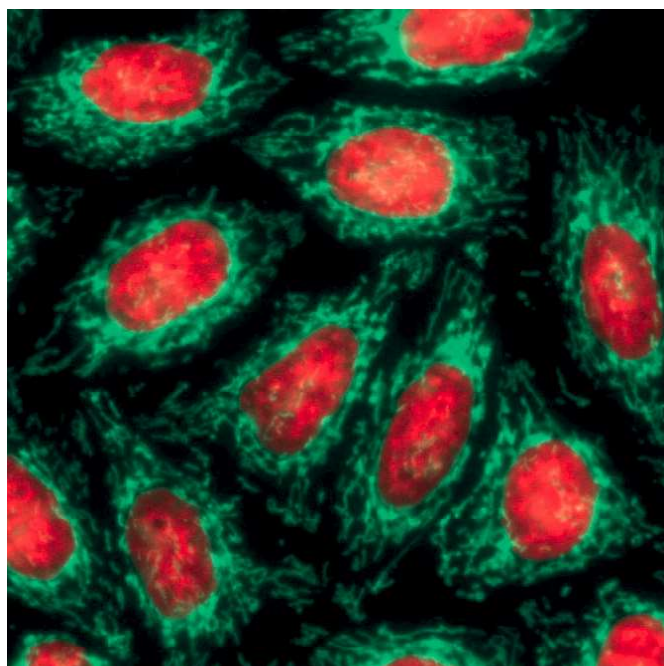
Cell organelle: Mitochondria

Cell Staining

- Hoescht (Nucleus + Cell body)
- Mitotracker

Parameters

- Mitochondria size
- Mitochondria shape
- Mitochondria branching
- Signal intensities



HCS CELL IMMUNO-ASSAY

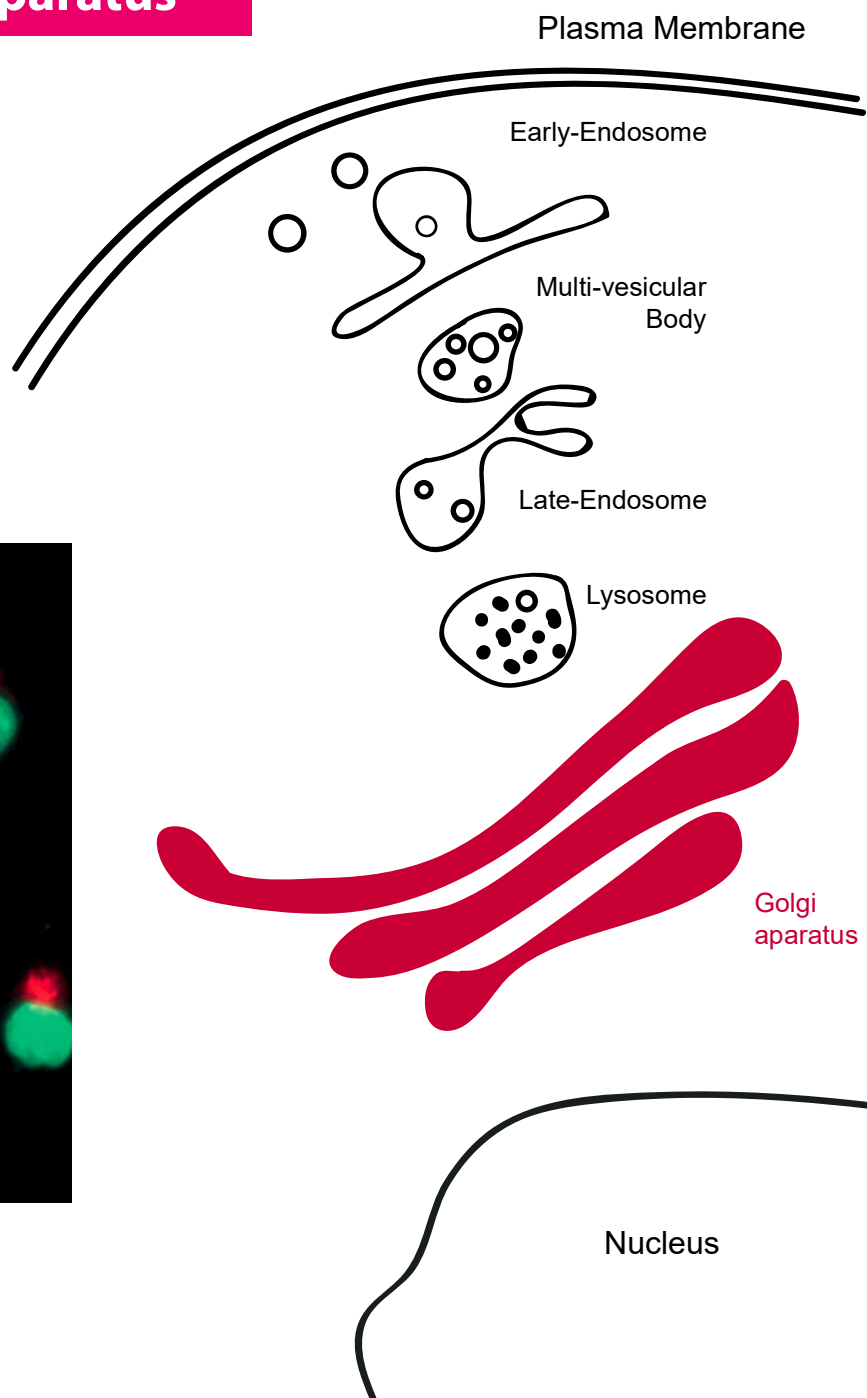
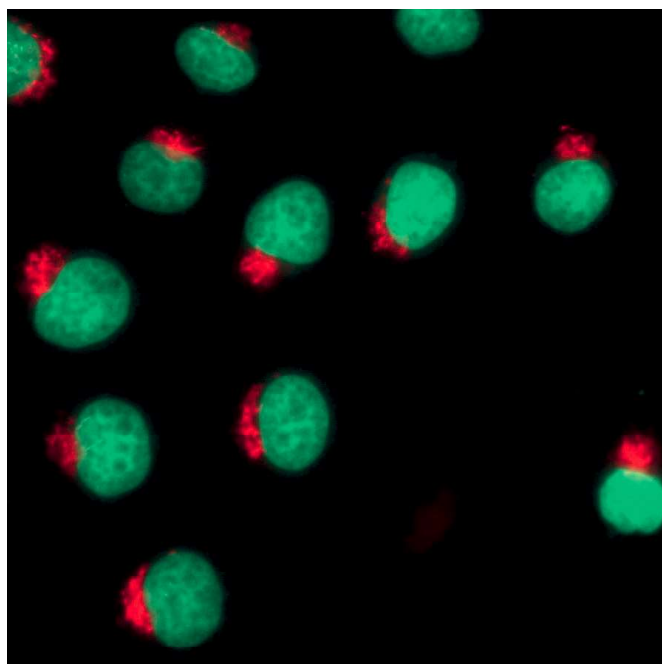
Cell organelle: Golgi apparatus

Cell Staining

- Hoescht (Nucleus + Cell body)
- Anti-Giantin Ab

Parameters

- Golgi size
- Golgi shape
- Golgi branching
- Signal intensities



HCS CELL FLUO-ASSAY

Cell biology: Cell viability

Cell Staining

- Hoescht (Nucleus + Cell body)
- Propidium iodide (dead cell)

Parameters

- Nuclei count
- Dead nuclei count

