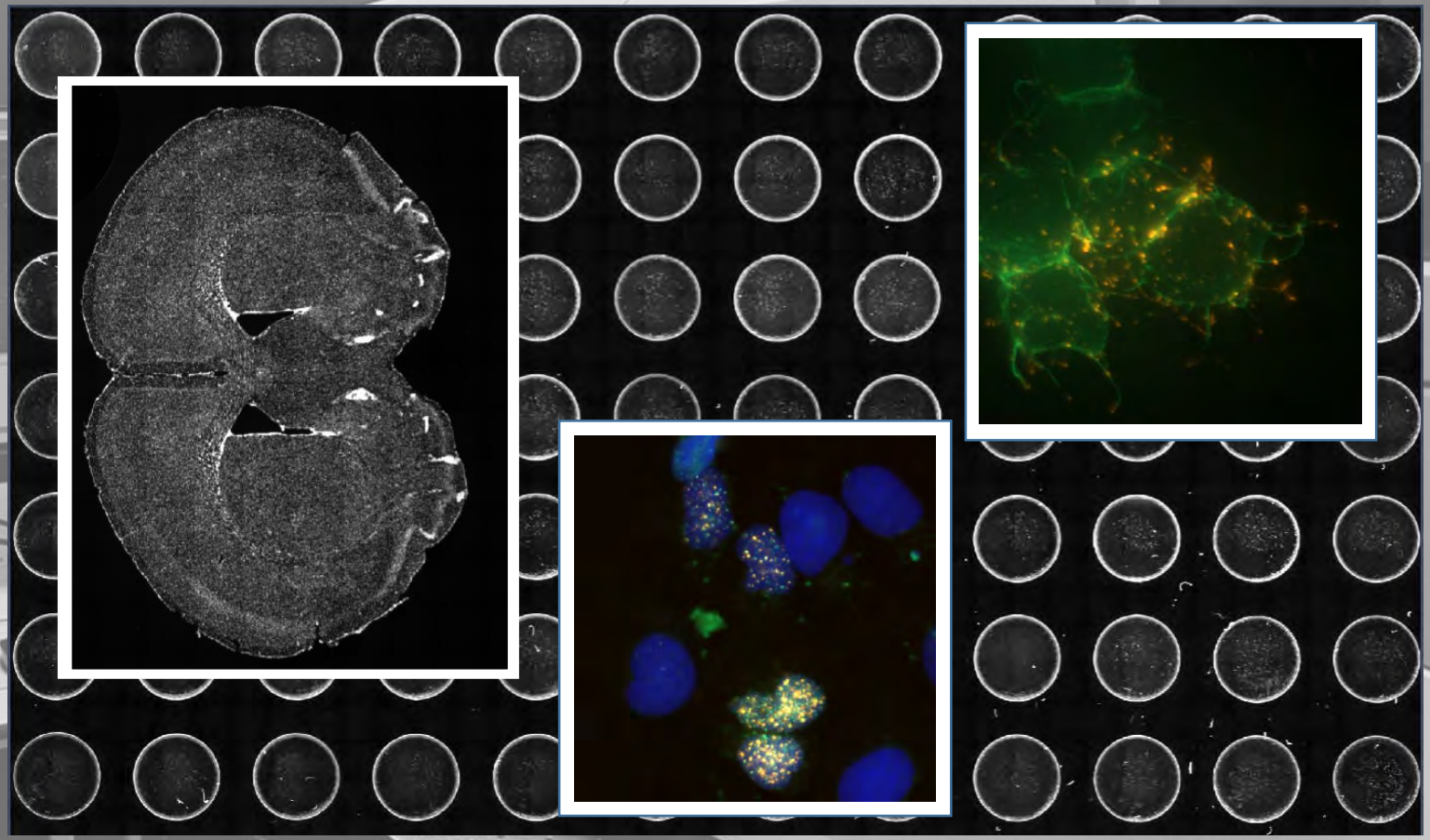
Cell Discoverer 7®

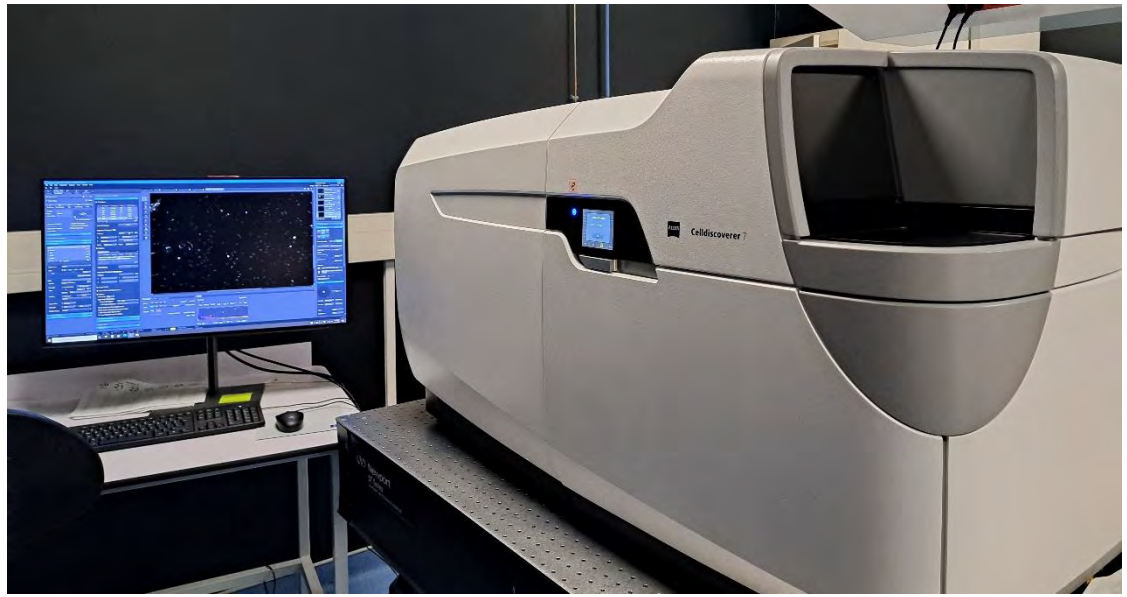
High Content Imaging System



LITC-Centre de Biologie Intégrative, Université Toulouse III - Paul Sabatier
118 route de Narbonne - Bâtiment 4R4 - 31062 Toulouse Cedex 9

Cell Discoverer 7®

Medium throughput closed-box automated wide-field fluorescence microscope with high information content for fixed or live cell

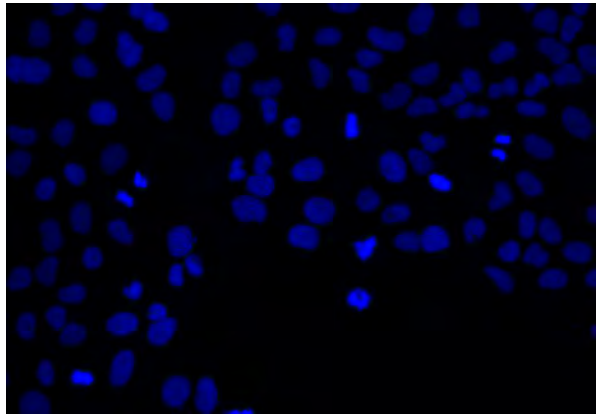


Automated close-box microscope
Wide field
Fluorescence & brightfield
Medium throughput
Fixed ou live cells
From individual cell to large model organism
Deconvolution on the fly

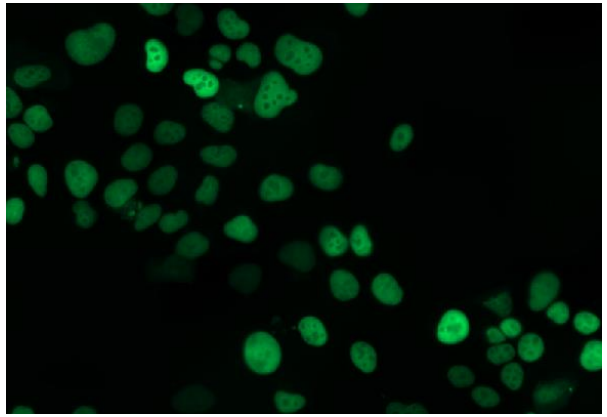
High information content
Multiparametric analysis
Statistically data

Combine the ease-of-use of an automated microscope for high-content imaging (HCA) with the quality and flexibility of a classic inverted research microscope

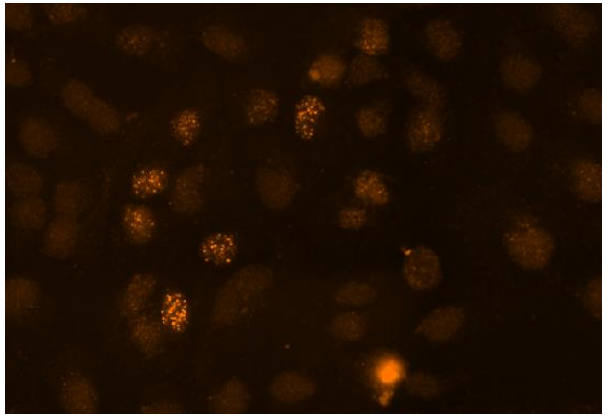
4 Filters, Brightfield & PGC



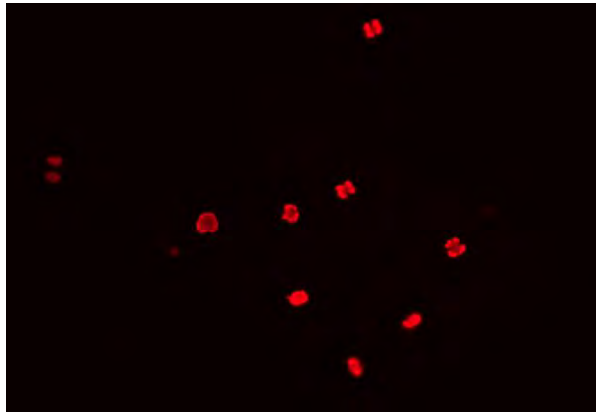
DAPI



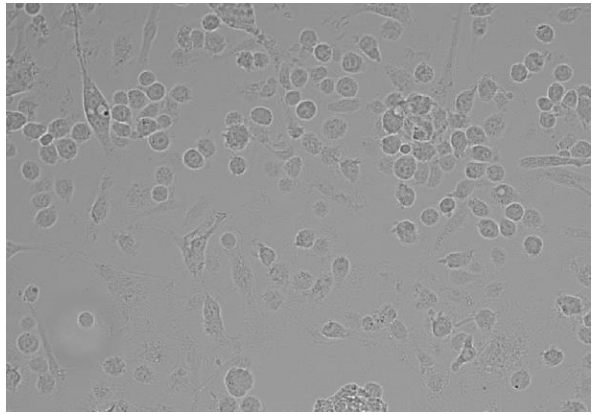
GFP



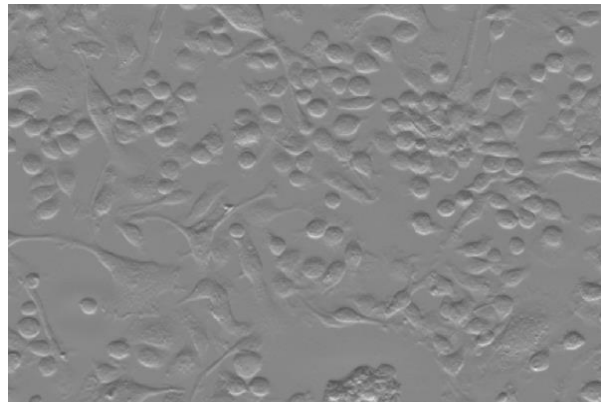
Rhoda



Cy5



Brightfield



PGC

Live imaging (temperature and CO2 control)

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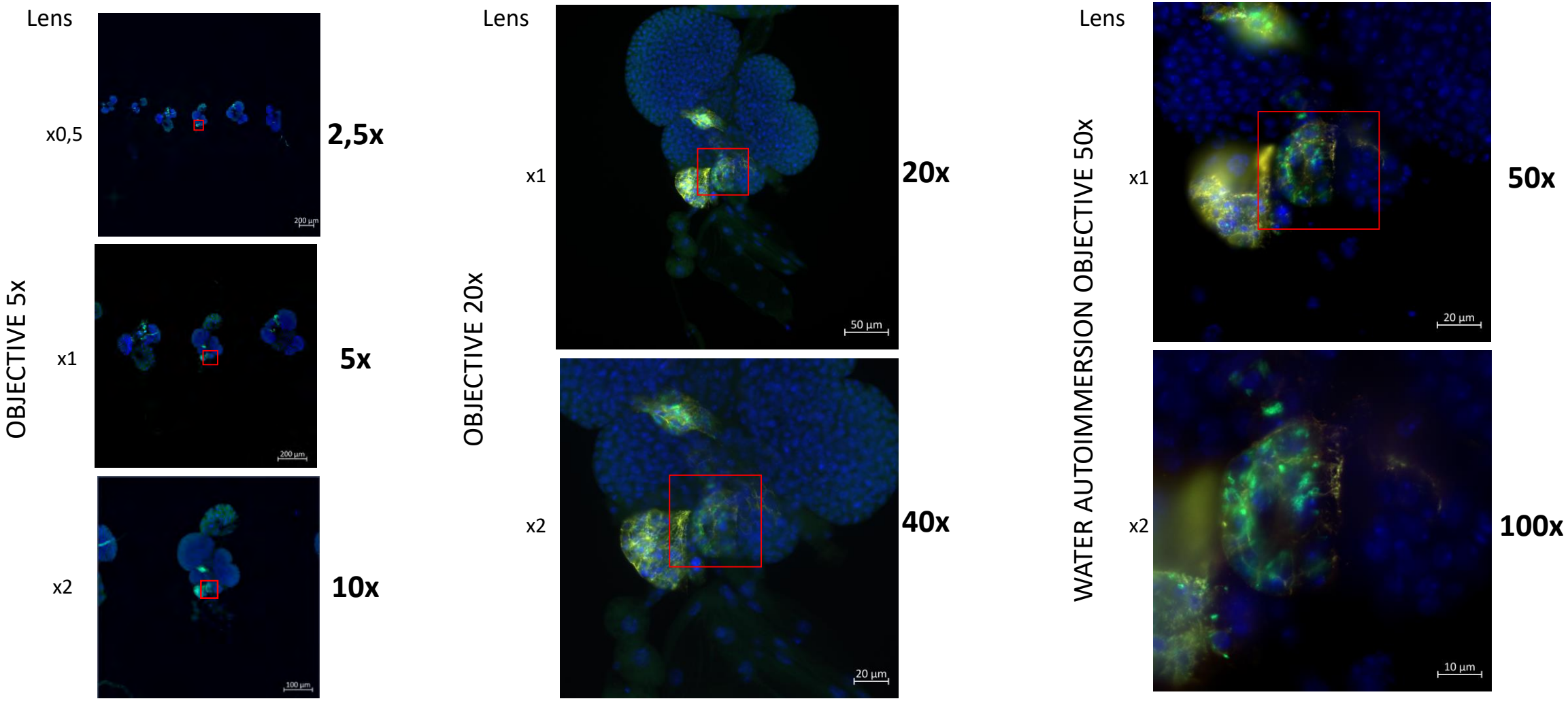
3 Objectives, 3 Magnification lens



Prescan (2,5X) to 100X magnification

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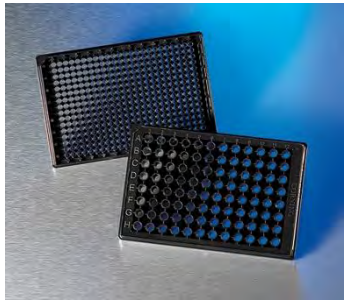
Multiple supports



Multiwells (6, 12, 24, 96, 384 wells)

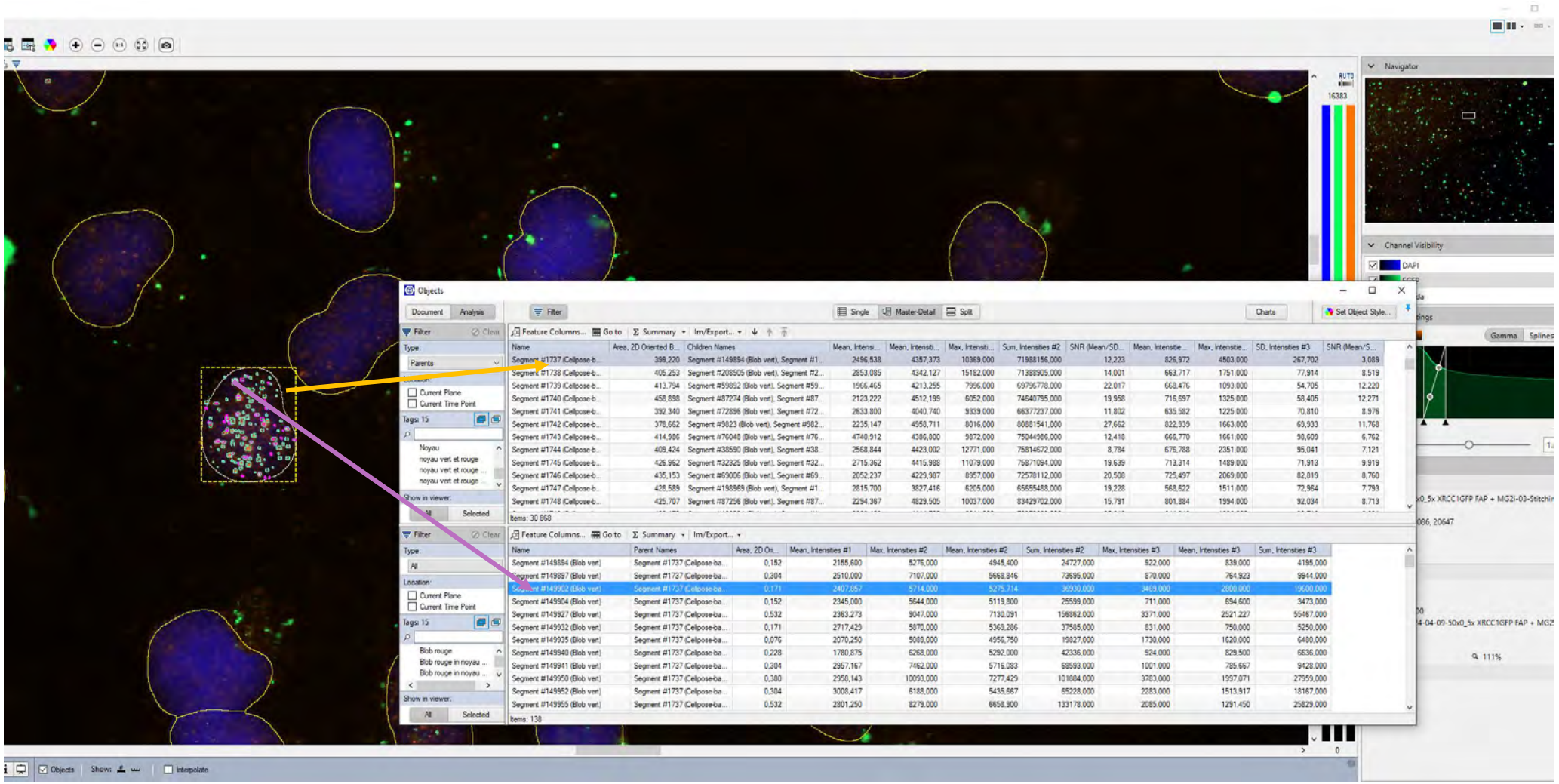
slides

Petri dish
(60, 35mm)

Many possible applications

Analysis example

Arrivis software



Results per well, per cell and per spot

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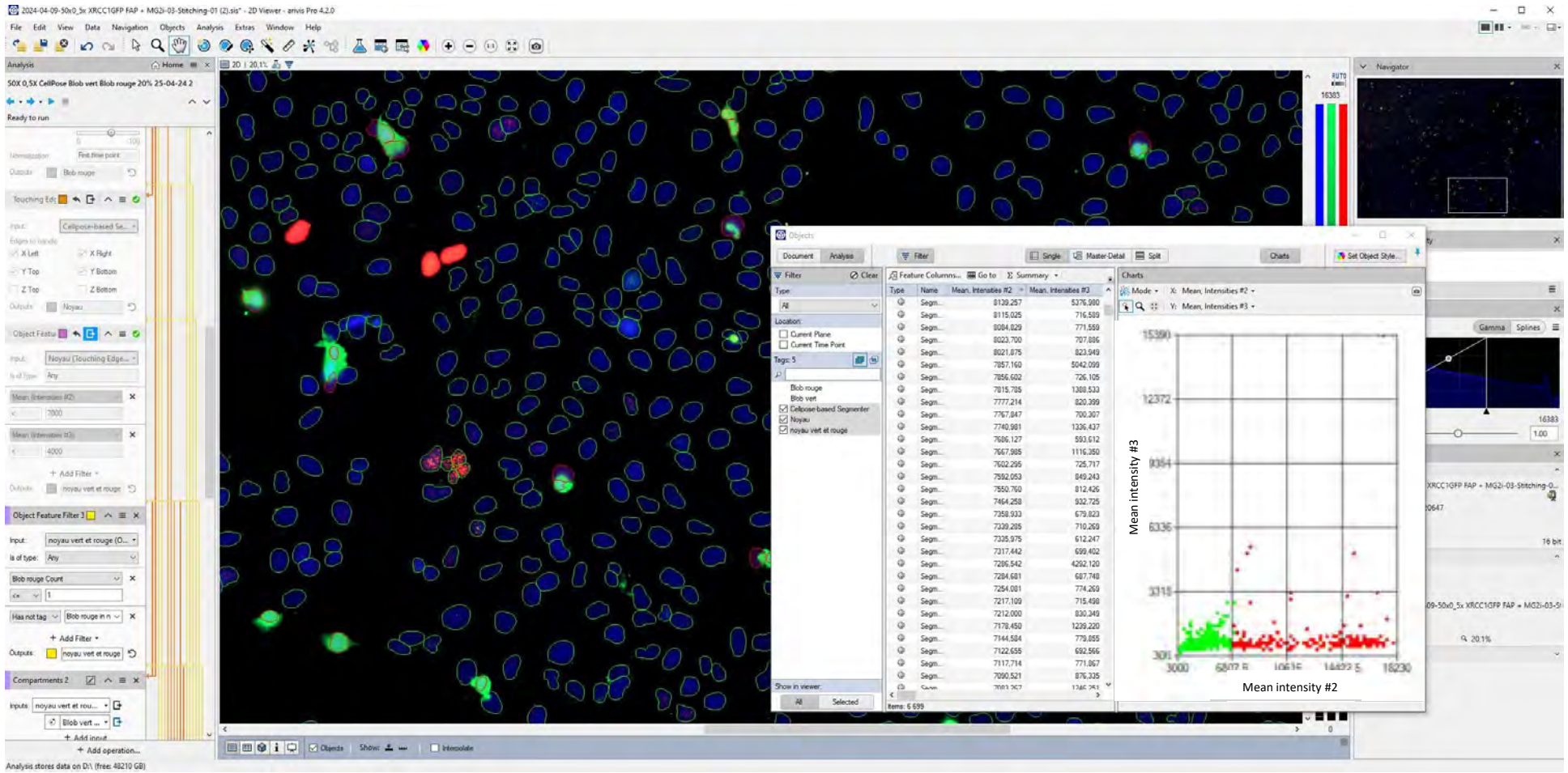
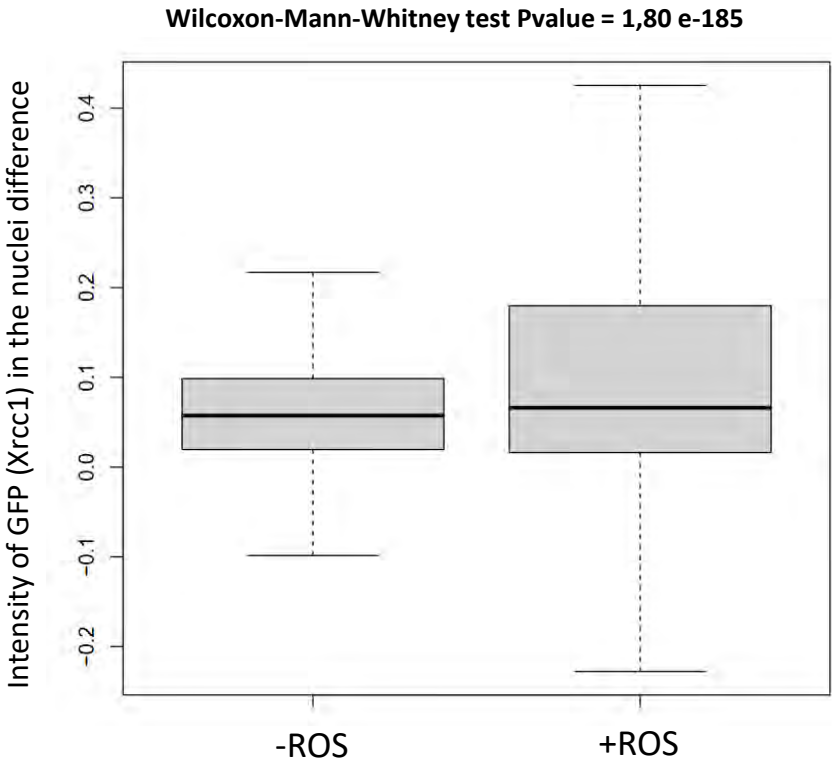
Multiparametric analysis

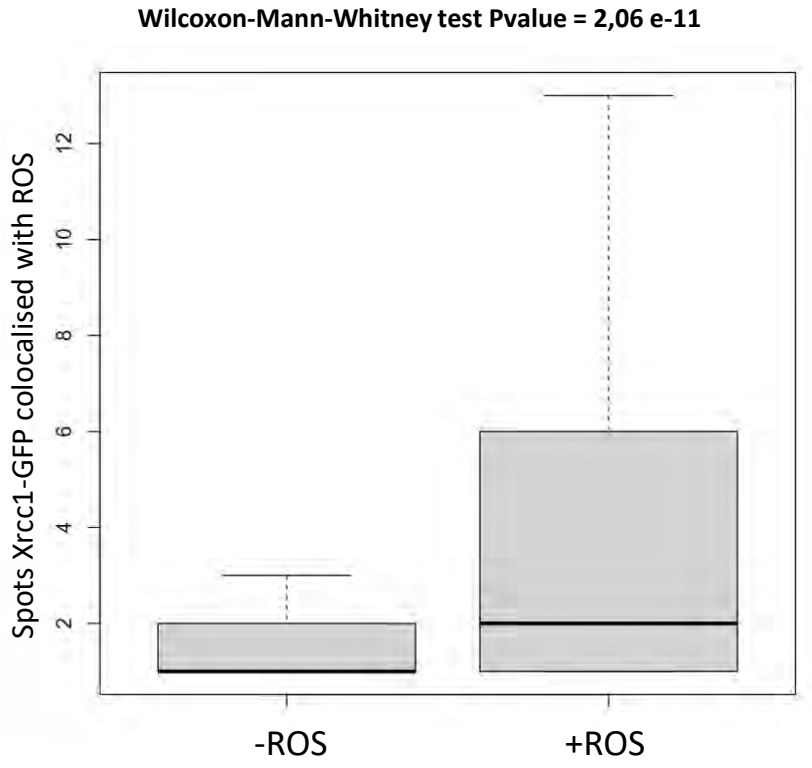
Arrivis software



Select a subpopulation of the input population by applying a condition or multiple conditions.

Statistically power





Unbiased and statistically significant data

Cell Discoverer 7®

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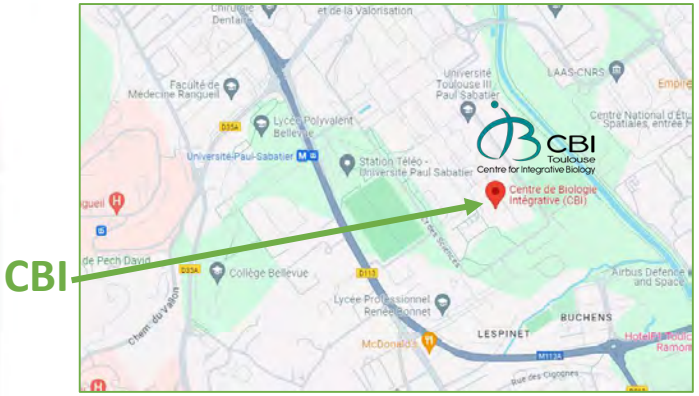
CBI, 4R4 building

Université Paul Sabatier, 118 Route de Narbonne, 31062 TOULOUSE

https://cbi-toulouse.fr/fr/equipe-litc



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