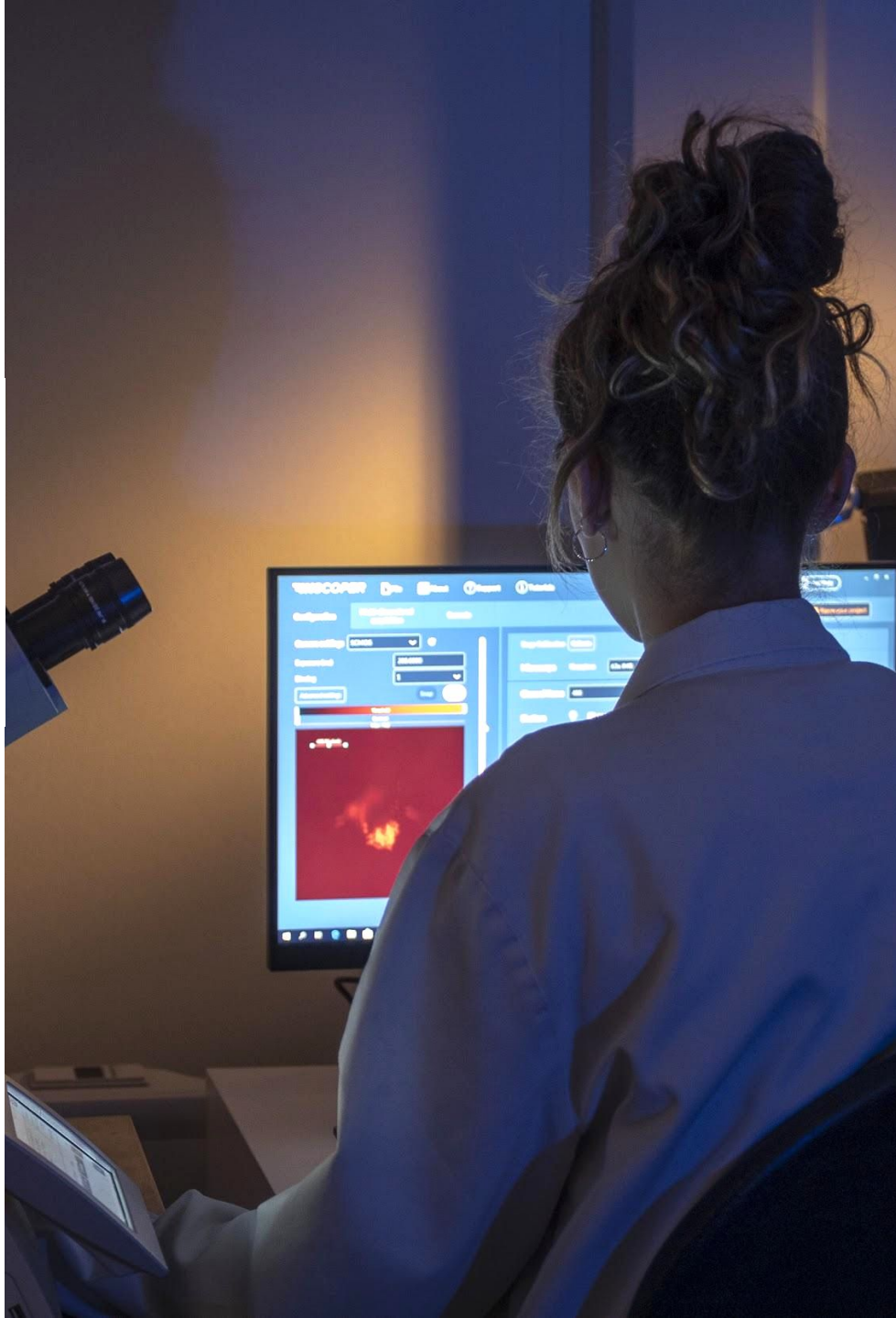
More than Microscopy Software.

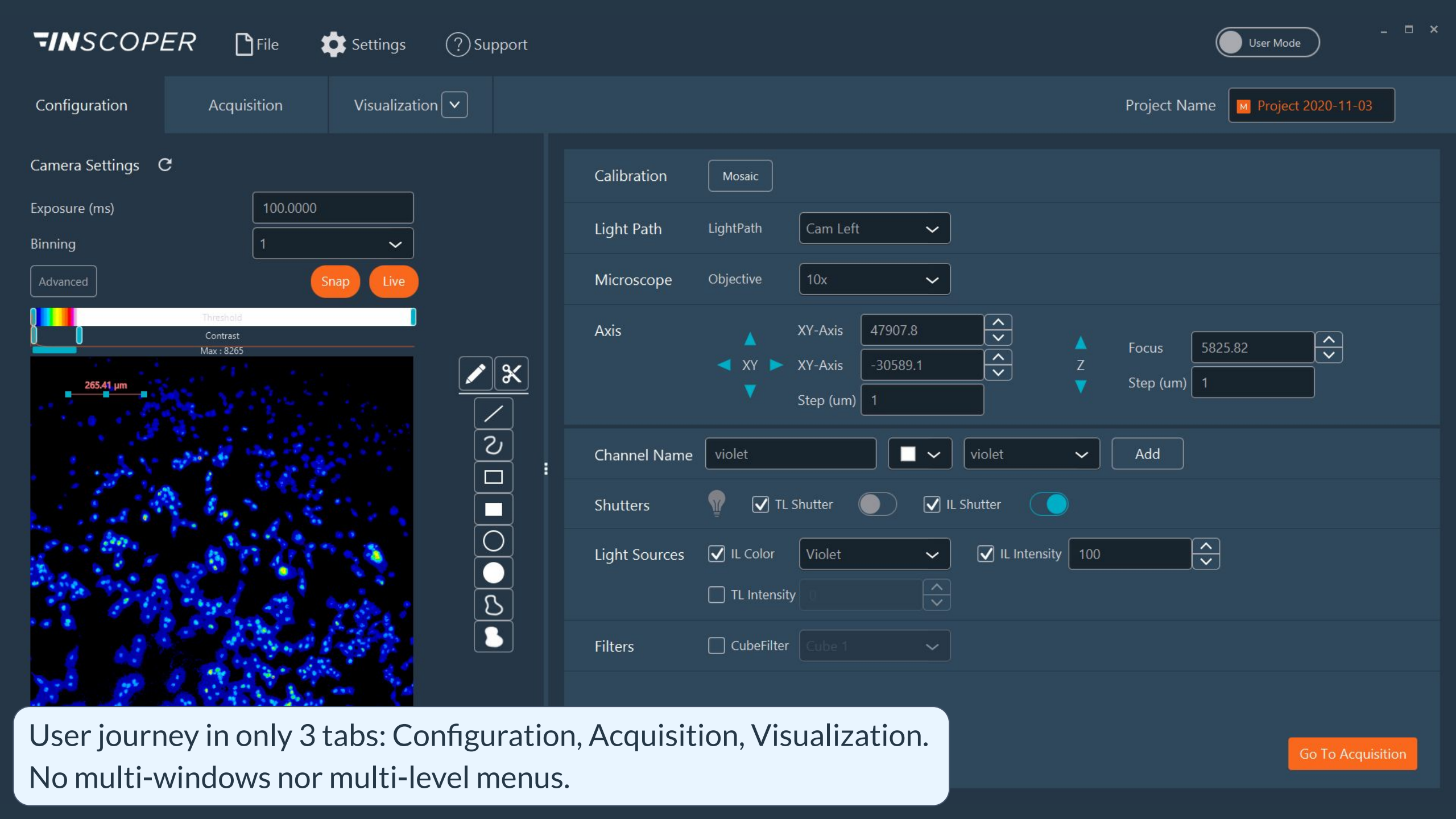
Enhanced Fluorescence Microscopy Imaging

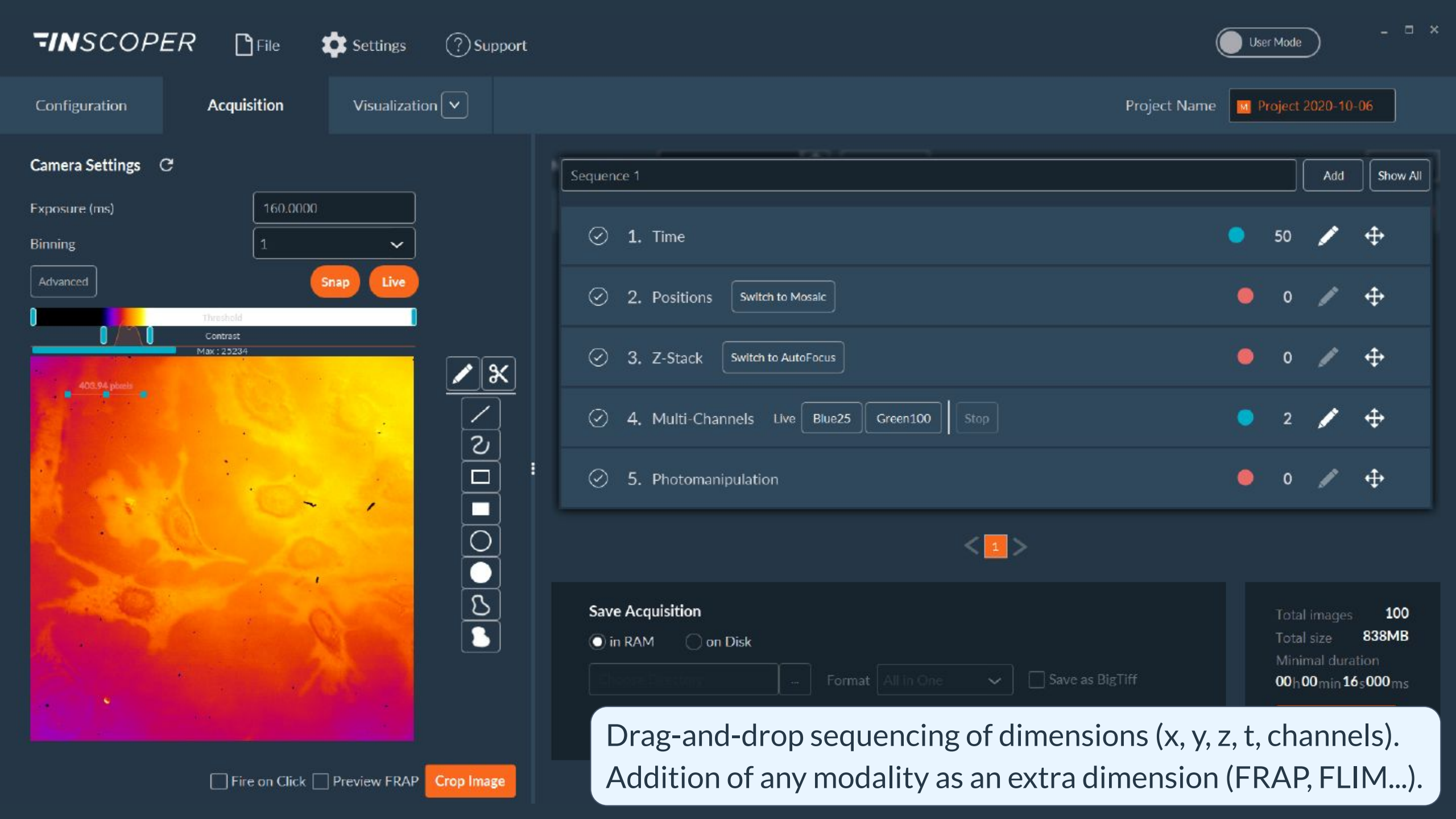
INSCOPER

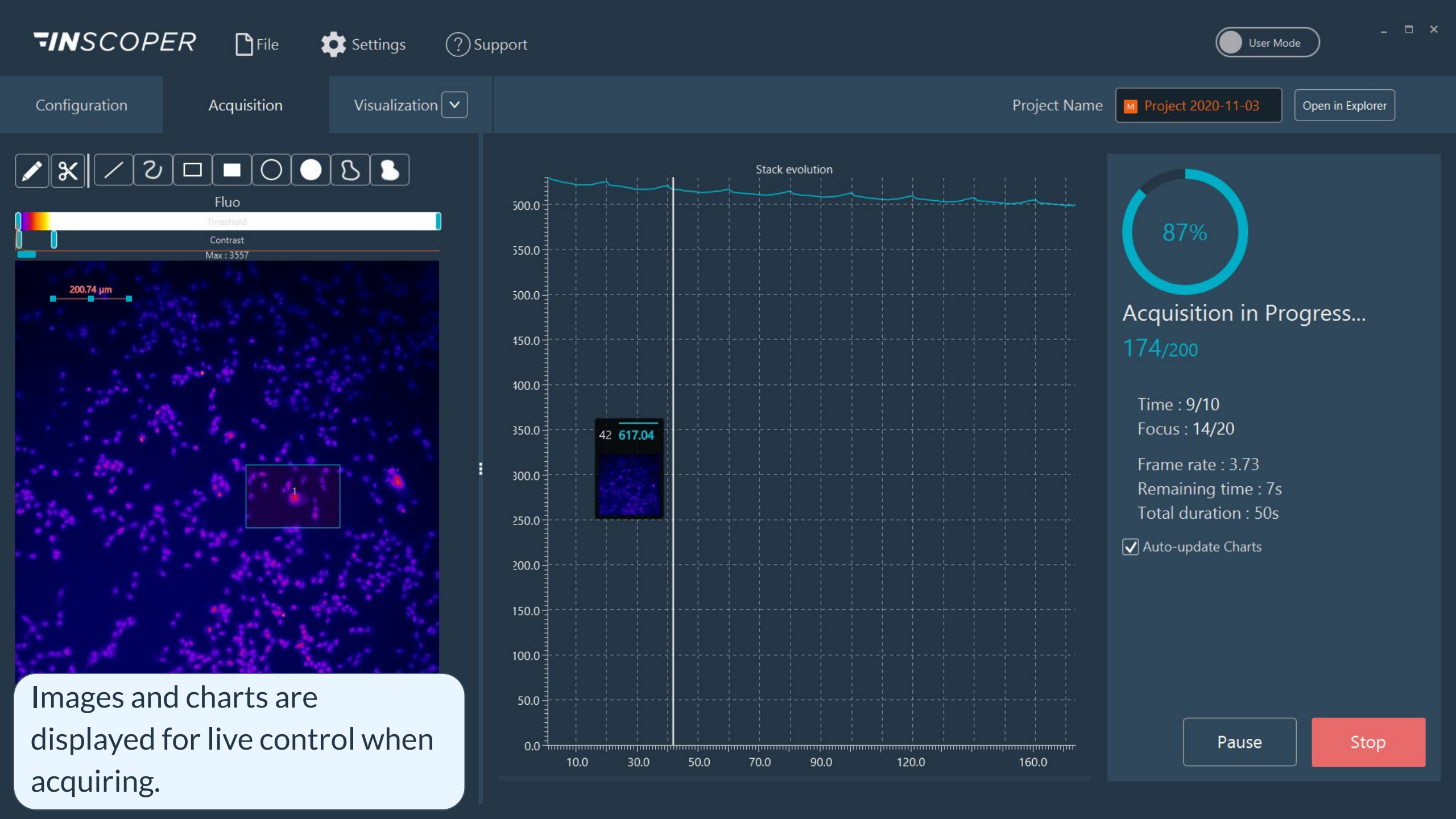


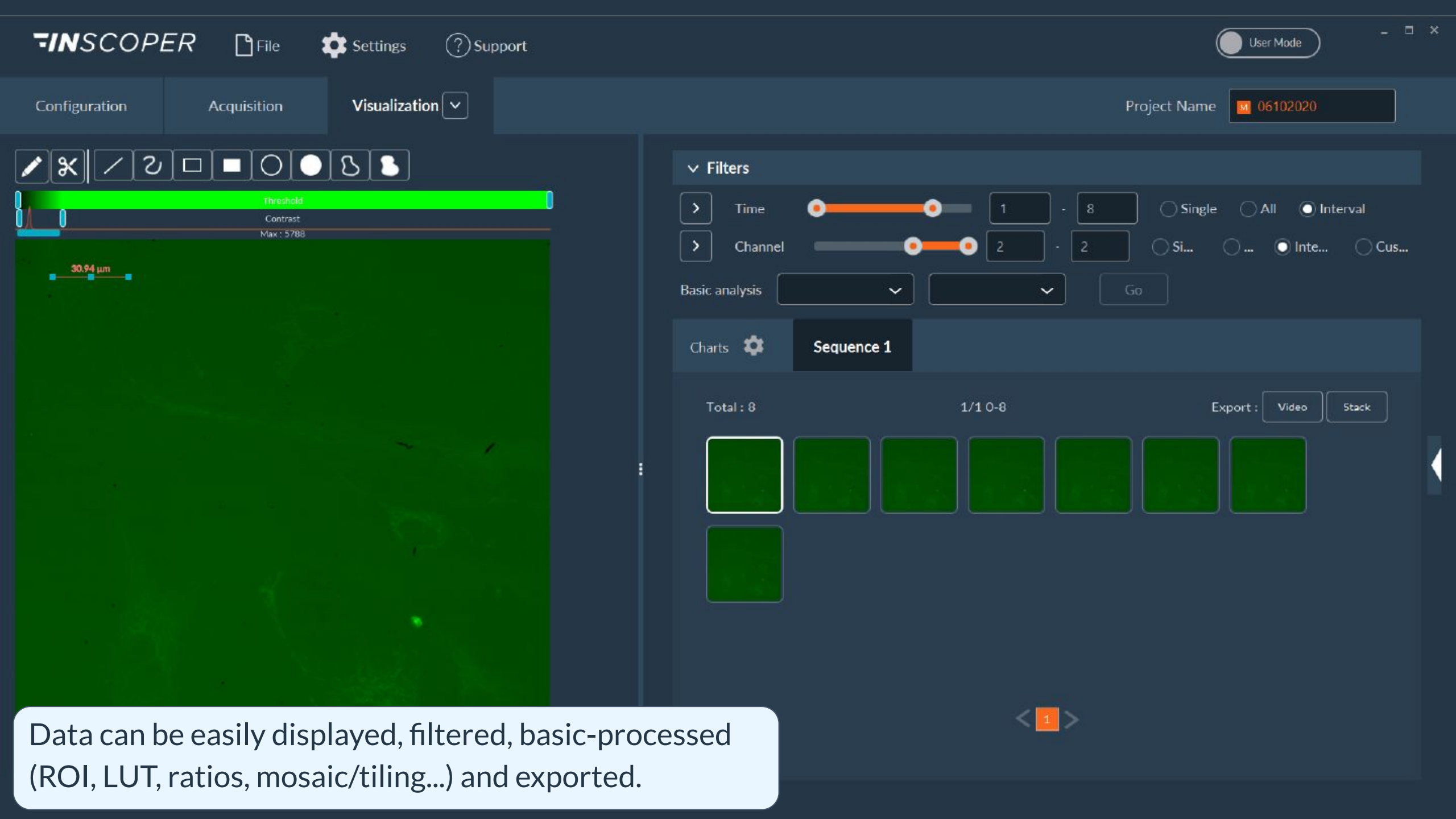
Inscoper is the new **universal** and **full-featured acquisition software** for camera-based microscopes.

Thanks to its specialized electronics, Inscoper renews the way the microscope is used, both in terms of **technical performance** and **system integration**, as well as **ease-of-use**.

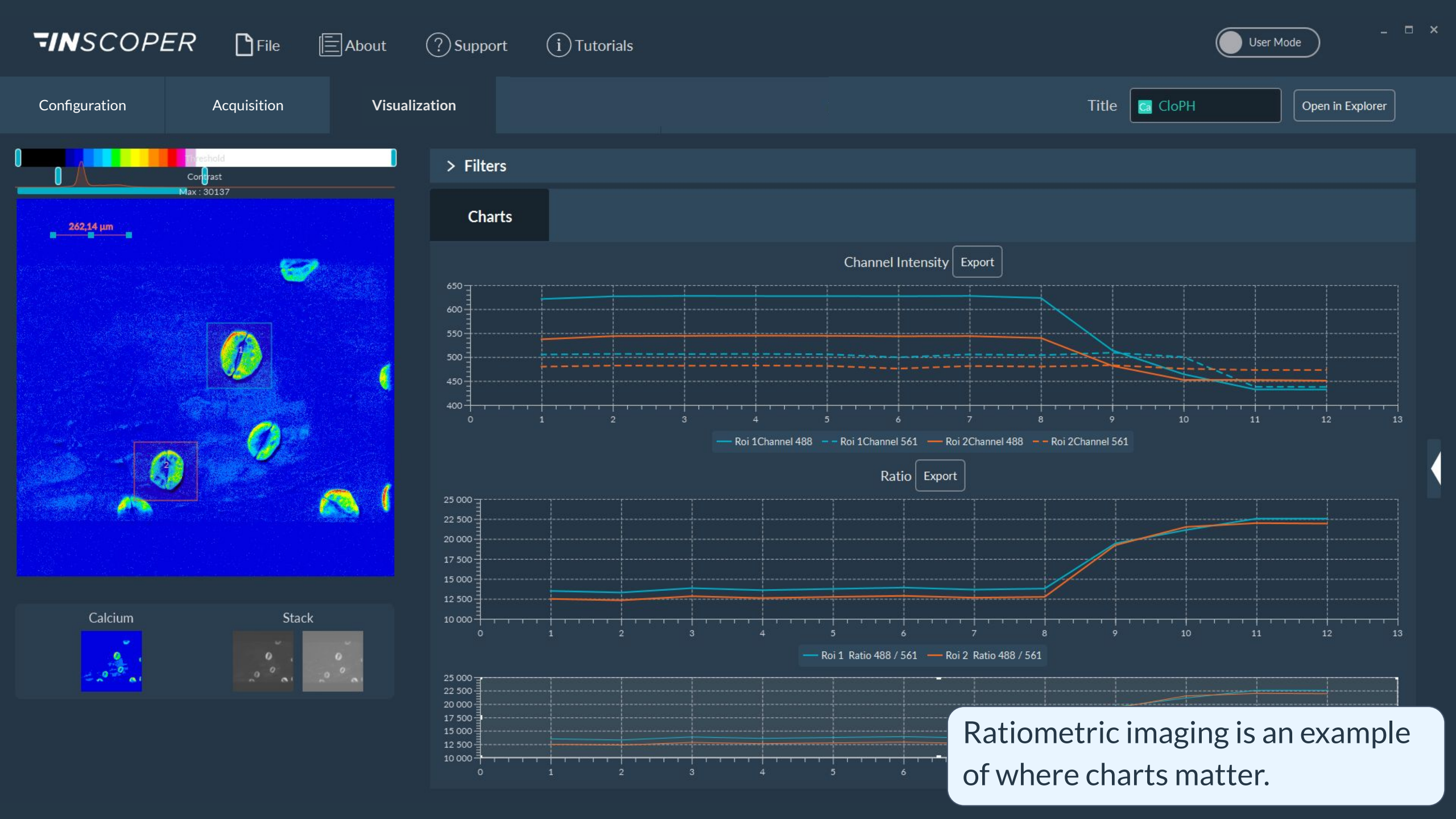

FINSCOPER
File
Settings
Support
User Mode
Configuration
Acquisition
Visualization
Project Name
Project 2020-11-03
Camera Settings
Exposure (ms)
100.0000
Binning
1
Advanced
Snap
Live
Threshold
Contrast
Max : 8265
265.41 µm
Calibration
Mosaic
Light Path
LightPath
Cam Left
Microscope
Objective
10x
Axis
XY
XY-Axis
47907.8
XY-Axis
-30589.1
Step (um)
1
Z
Focus
5825.82
Step (um)
1
Channel Name
violet
violet
Add
Shutters
TL Shutter
IL Shutter
Light Sources
IL Color
Violet
IL Intensity
100
TL Intensity
Filters
CubeFilter
Cube 1
User journey in only 3 tabs: Configuration, Acquisition, Visualization.
No multi-windows nor multi-level menus.
Go To Acquisition

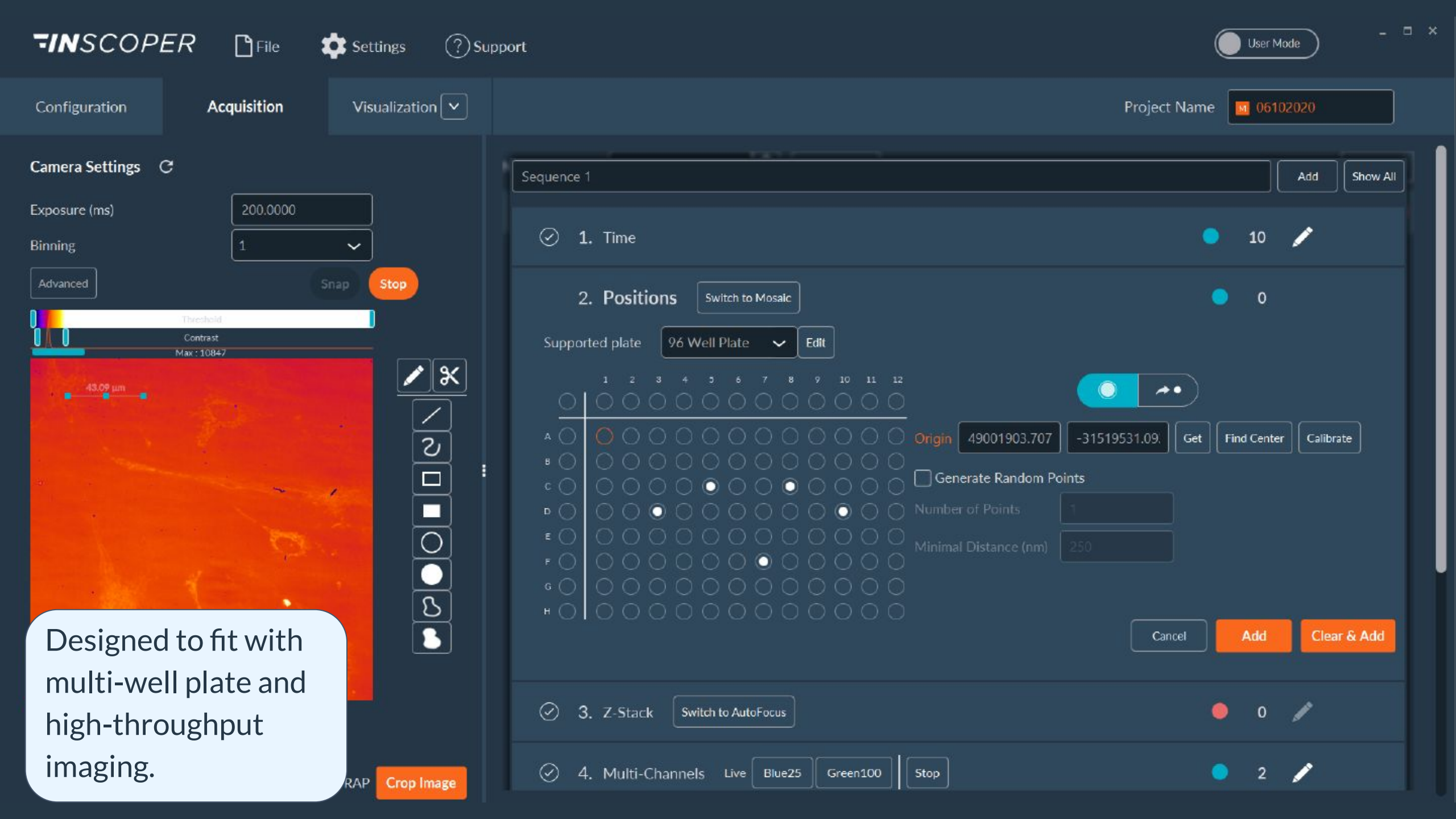

FINSCOPER
File
Settings
Support
User Mode
Configuration
Acquisition
Visualization
Project Name
Project 2020-10-06
Camera Settings
Exposure (ms)
160.0000
Binning
1
Advanced
Snap
Live
Threshold
Contrast
Max : 25234
403.94 pixels
Sequence 1
Add
Show All
1. Time
50
2. Positions
Switch to Mosaic
0
3. Z-Stack
Switch to AutoFocus
0
4. Multi-Channels
Live
Blue25
Green100
Stop
2
5. Photomanipulation
0
1
Save Acquisition
in RAM
on Disk
Format
All in One
Save as BigTiff
Total images 100
Total size 838MB
Minimal duration
00h00min16s000ms
Fire on Click
Preview FRAP
Crop Image
Drag-and-drop sequencing of dimensions (x, y, z, t, channels).
Addition of any modality as an extra dimension (FRAP, FLIM...).


FINSCOPER
File
Settings
Support
User Mode
Configuration
Acquisition
Visualization
Project Name
Project 2020-11-03
Open in Explorer
Fluo
Threshold
Contrast
Max : 3557
200.74 µm
1
Stack evolution
500.0
450.0
400.0
350.0
300.0
250.0
200.0
150.0
100.0
50.0
0.0
10.0
30.0
50.0
70.0
90.0
120.0
160.0
42 617.04
87%
Acquisition in Progress...
174/200
Time : 9/10
Focus : 14/20
Frame rate : 3.73
Remaining time : 7s
Total duration : 50s
Auto-update Charts
Pause
Stop
Images and charts are displayed for live control when acquiring.



Data can be easily displayed, filtered, basic-processed (ROI, LUT, ratios, mosaic/tiling...) and exported.


INSCOPER
File
About
Support
Tutorials
User Mode
Configuration
Acquisition
Visualization
Title
Ca CloPH
Open in Explorer
Threshold
Contrast
Max : 30137
262,14 µm
1
2
Calcium
Stack
> Filters
Charts
Channel Intensity
Export
650
600
550
500
450
400
0 1 2 3 4 5 6 7 8 9 10 11 12 13
Roi 1Channel 488
Roi 1Channel 561
Roi 2Channel 488
Roi 2Channel 561
Ratio
Export
25 000
22 500
20 000
17 500
15 000
12 500
10 000
0 1 2 3 4 5 6 7 8 9 10 11 12 13
Roi 1 Ratio 488 / 561
Roi 2 Ratio 488 / 561
25 000
22 500
20 000
17 500
15 000
12 500
10 000
0 1 2 3 4 5 6
Ratiometric imaging is an example of where charts matter.


FINSCOPER
File
Settings
Support
User Mode
Configuration
Acquisition
Visualization
Project Name
06102020
Camera Settings
Exposure (ms)
200.0000
Binning
1
Advanced
Snap
Stop
Threshold
Contrast
Max : 10847
43.09 µm
Crop Image
Sequence 1
Add
Show All
1. Time
10
2. Positions
Switch to Mosaic
0
Supported plate
96 Well Plate
Edit
1 2 3 4 5 6 7 8 9 10 11 12
A B C D E F G H
Origin
49001903.707
-31519531.09.
Get
Find Center
Calibrate
Generate Random Points
Number of Points
Minimal Distance (nm)
250
Cancel
Add
Clear & Add
3. Z-Stack
Switch to AutoFocus
0
4. Multi-Channels
Live
Blue25
Green100
Stop
2
Designed to fit with multi-well plate and high-throughput imaging.

A new approach that allows inspiring insights for microscopy imaging

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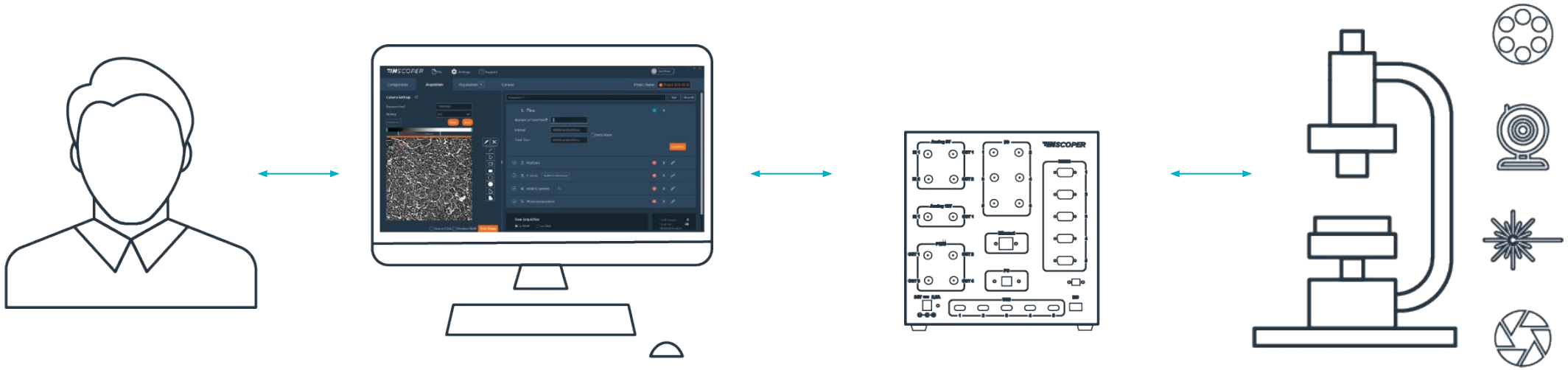
- √ All third-party devices controlled
- √ Temporal resolution x3
- √ A single window to do everything
- √ All acquisitions triggered and synchronized
- √ Manipulations combined and personalized



Example 1: Video-microscope / 5D imaging

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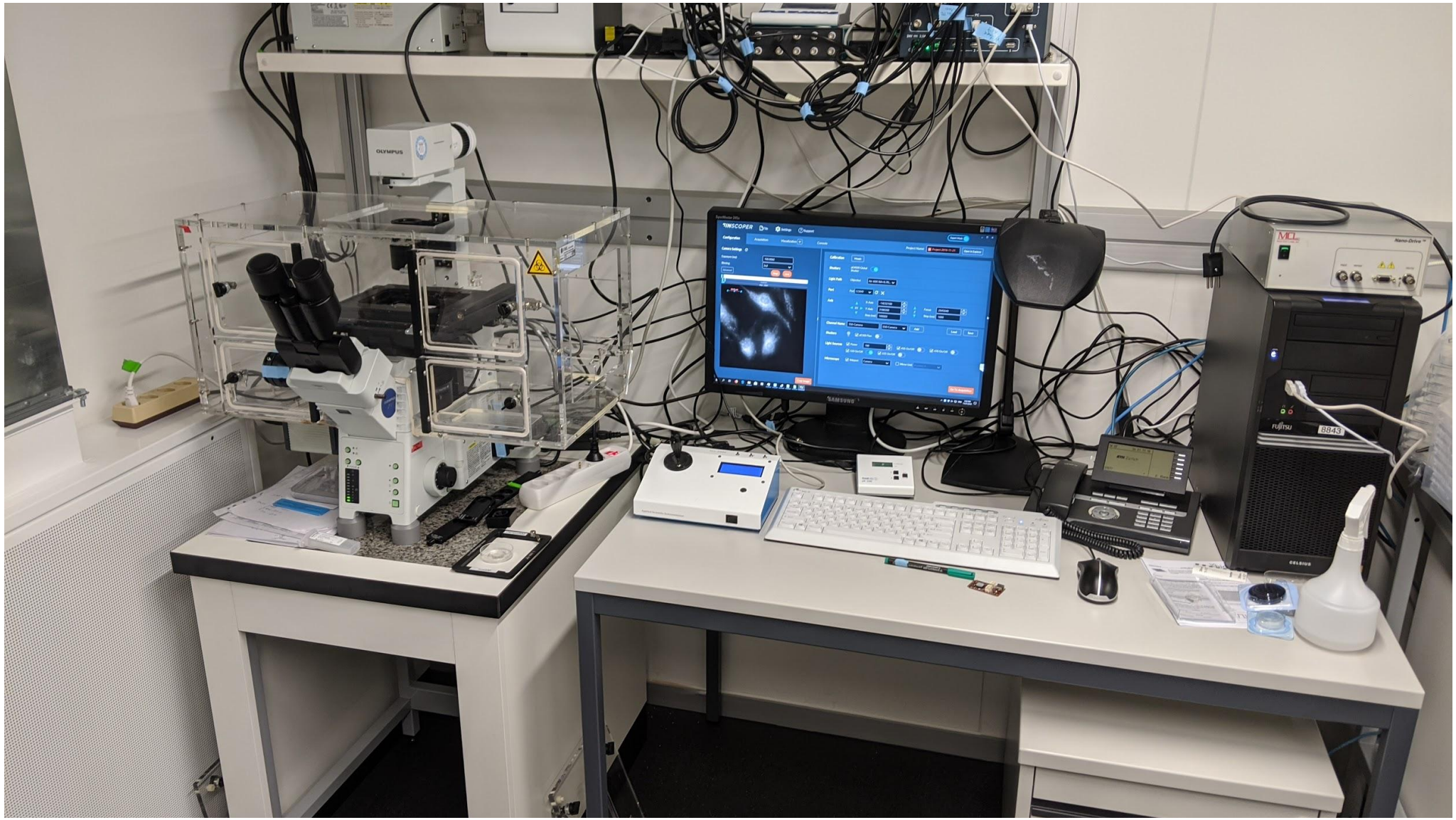

Example 2: Spinning disk confocal / FRAP + 5D imaging

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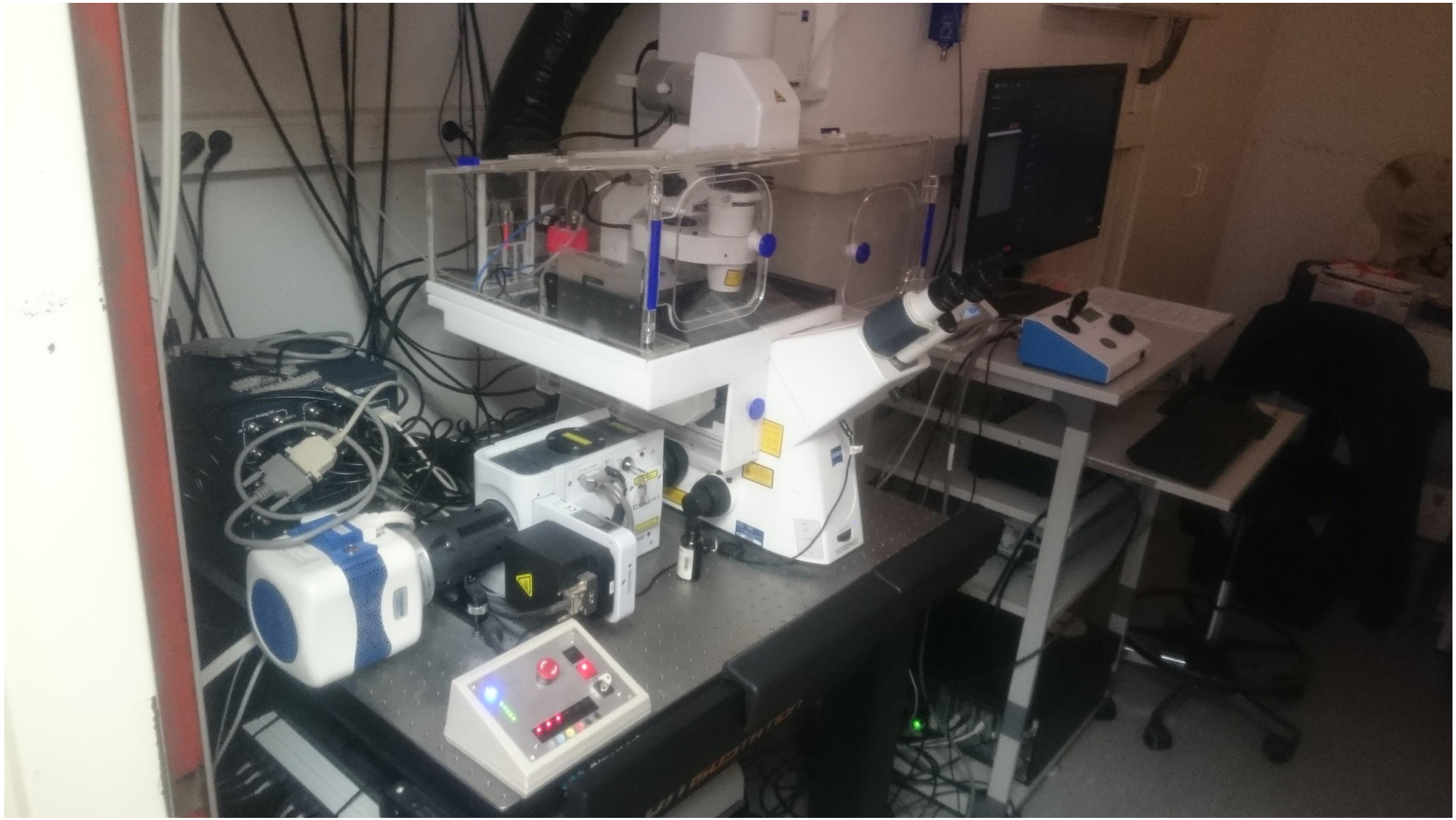

Example 3: home-made LS/SPIM + 5D imaging

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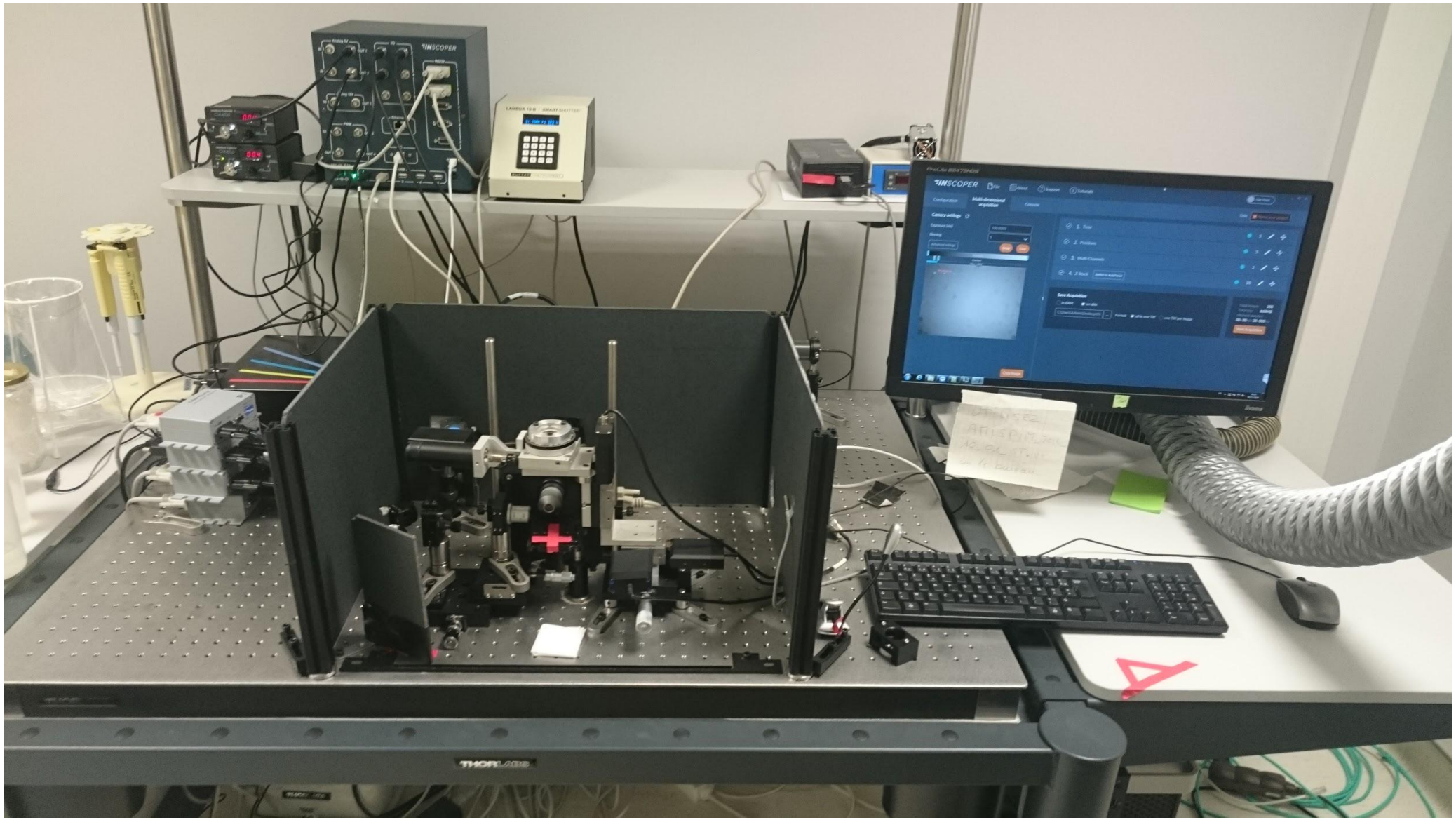

Example 4: TIRF/Photomanipulation + 5D imaging

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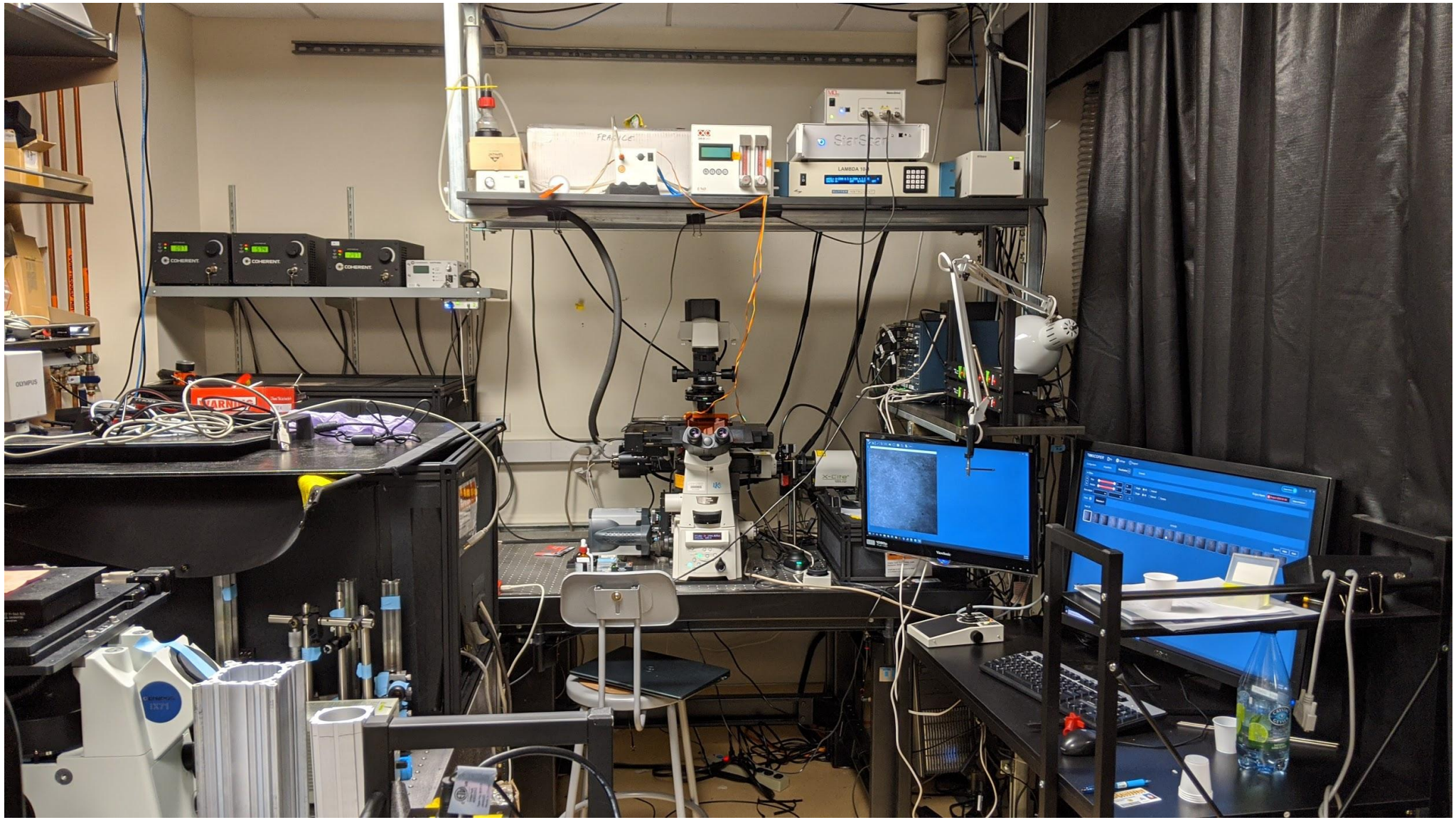

Example 5: ratiometric imaging

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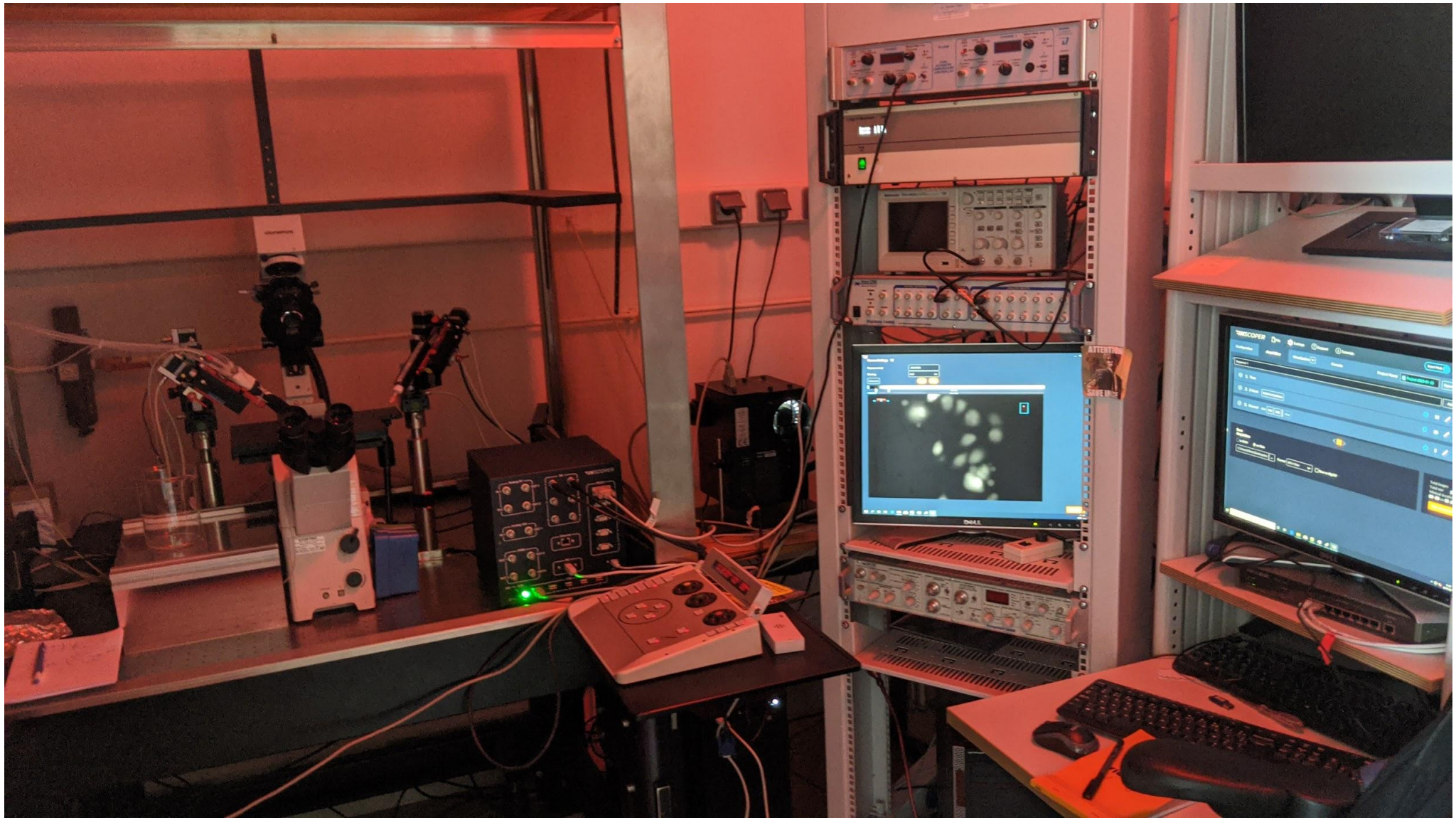
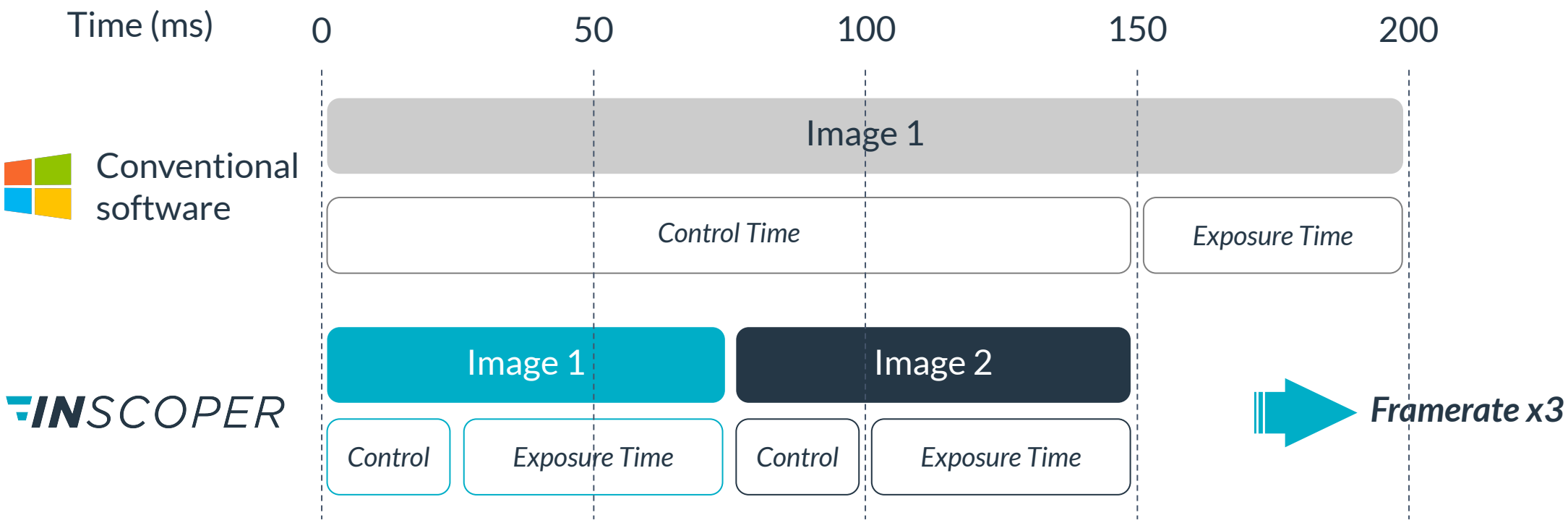


MORE THAN MICROSCOPY SOFTWARE

Fastest Image Acquisition