

Nanoimager

new generation
super-resolution microscope



ONi

Advanced microscopy for all

Versatile super-resolution

A wide range of super-resolution techniques including dSTORM, PALM, single particle tracking, SIM, Confocal and smFRET.

Precision by design

The intrinsic design filters out vibrations, so there's no need for an optical table. And to increase precision, it never ever needs aligning.

Integrated analytics

With integrated data analysis tools, you get to meaningful conclusions faster. Images are built in real time so you start seeing results before the experiment has finished.

Laser kept in, light kept out

The enclosed design keeps the laser in and ambient light out, so a dark room isn't required. Do your work wherever is most productive.

Incredible field of view

At 80 μ m x 50 μ m, the FOV is one of the largest available in super-resolution. Build sample overview scans with a piezo stage working in 2nm steps.

4 colors, 2 simultaneously

With four laser colors, four different fluorophores can be analysed in each sample. 2 different fluorophores can be captured simultaneously to gain even more information, faster.



15 cm

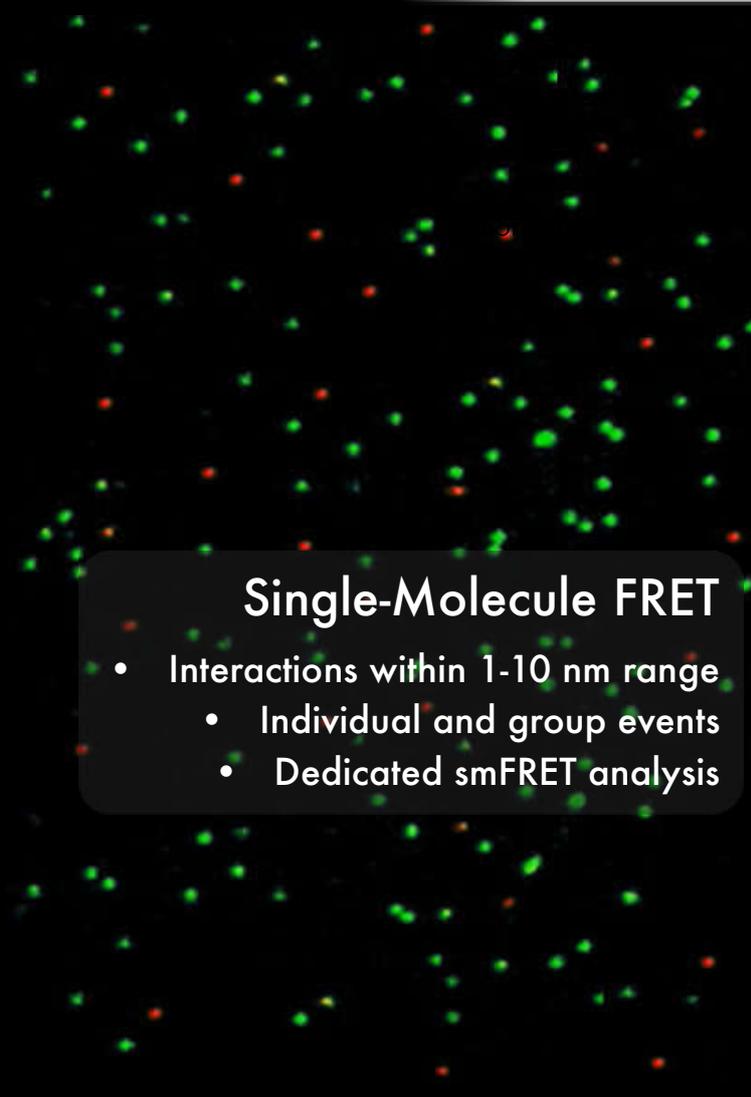
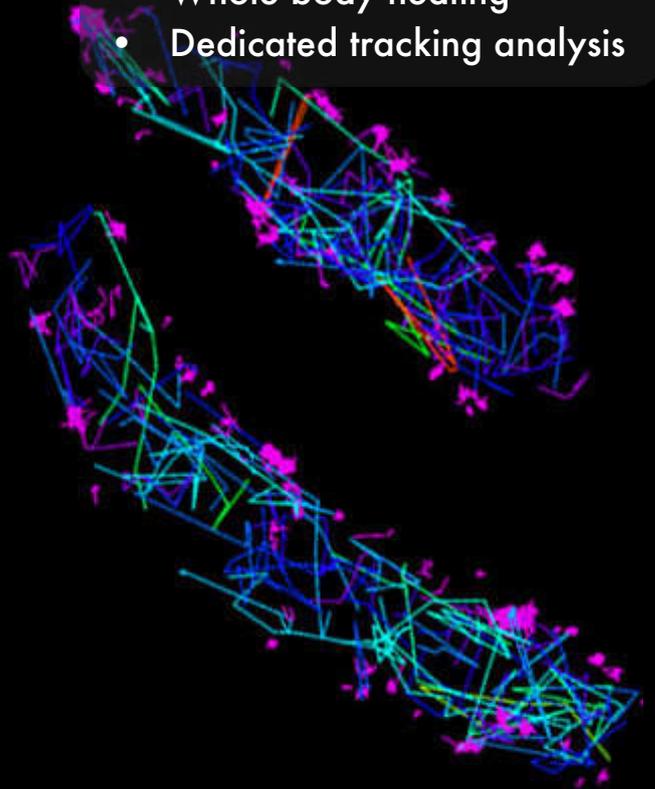


dSTORM & PALM

- Resolution up to 20 nm
 - Real time rendering
 - 3D imaging

Single-Particle Tracking

- Microfluidics compatible
- Whole body heating
- Dedicated tracking analysis

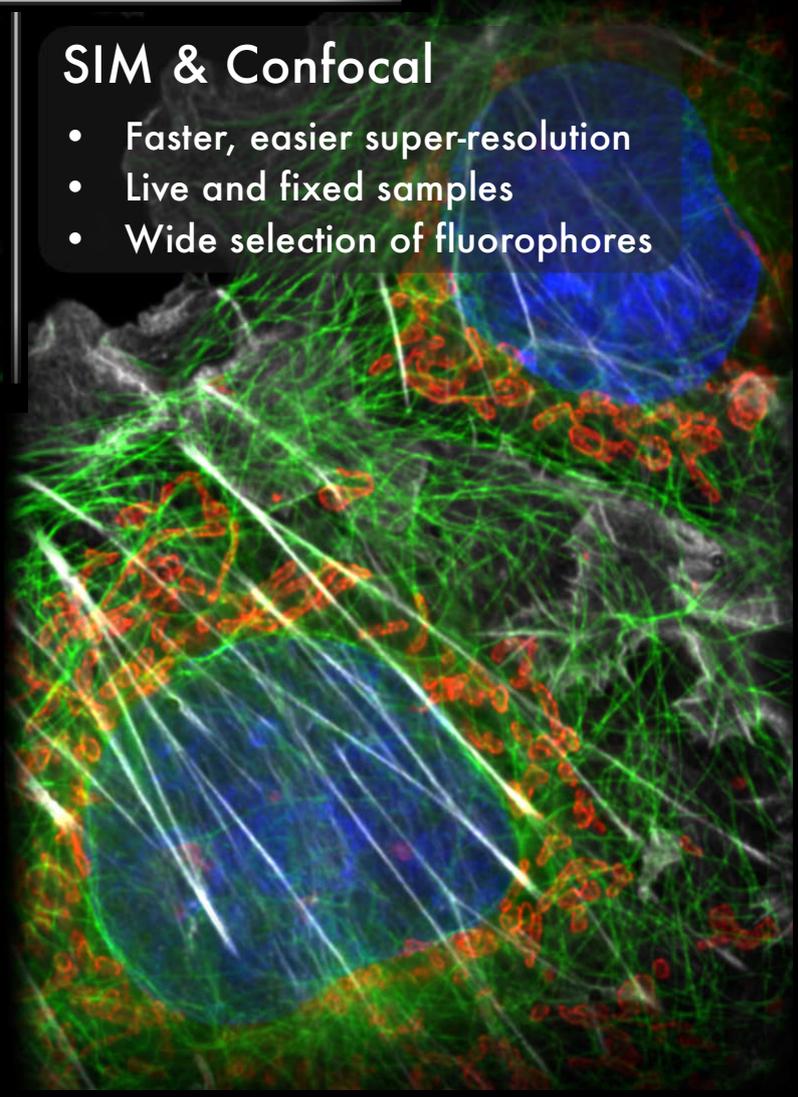


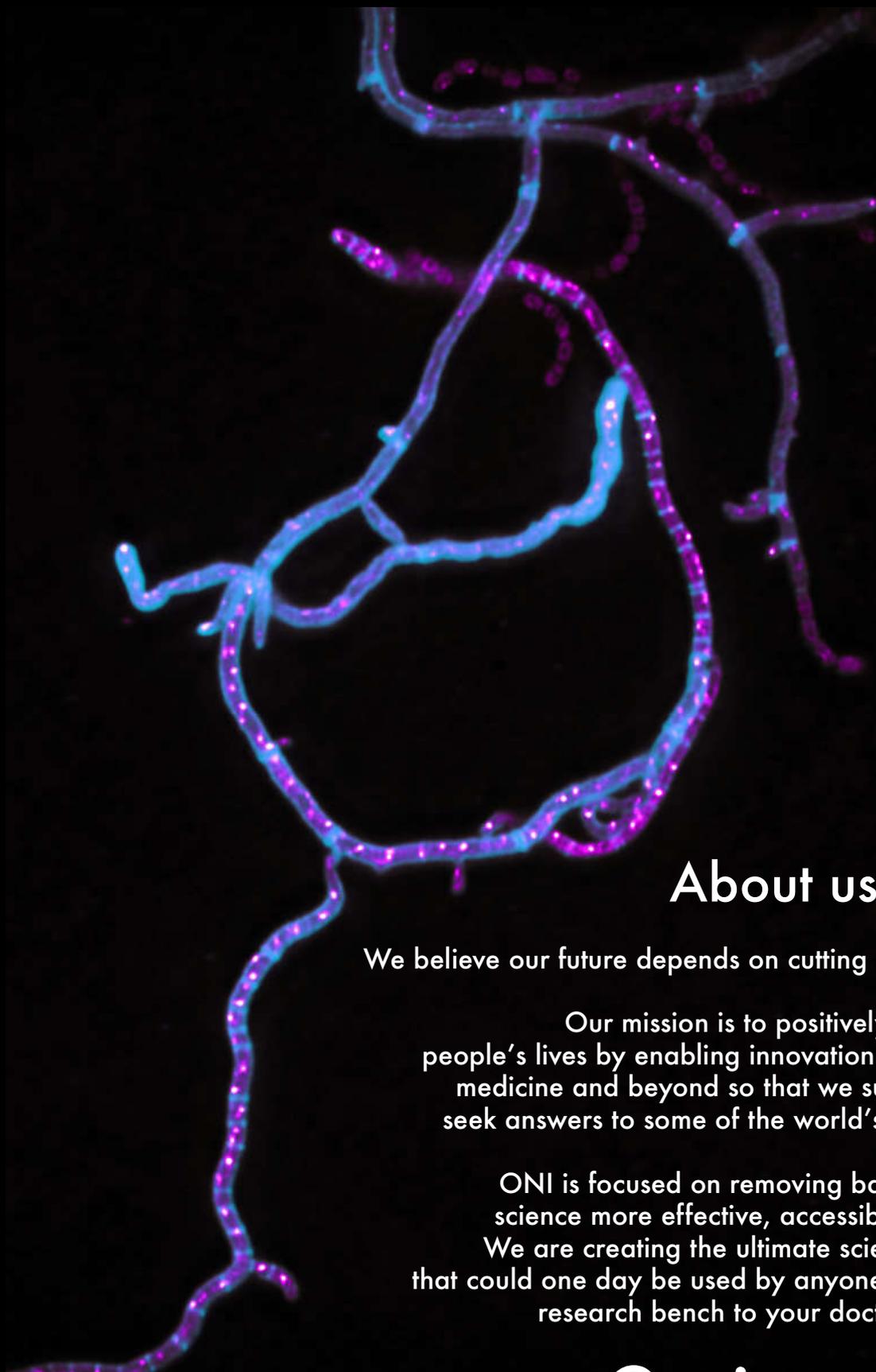
Single-Molecule FRET

- Interactions within 1-10 nm range
 - Individual and group events
 - Dedicated smFRET analysis

SIM & Confocal

- Faster, easier super-resolution
- Live and fixed samples
- Wide selection of fluorophores





About us

We believe our future depends on cutting edge scientific discovery.

Our mission is to positively impact people's lives by enabling innovation across life sciences, medicine and beyond so that we support those who seek answers to some of the world's biggest problems.

ONI is focused on removing barriers to make science more effective, accessible, affordable. We are creating the ultimate science ecosystem that could one day be used by anyone, anywhere from the research bench to your doctor's office.

Get in touch
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