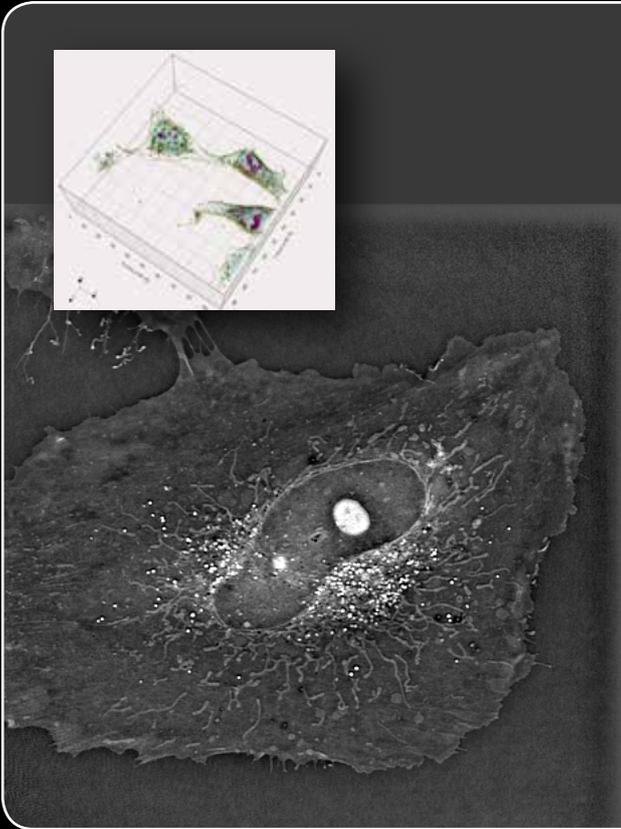




Life Science

Imaging Solutions Product Guide

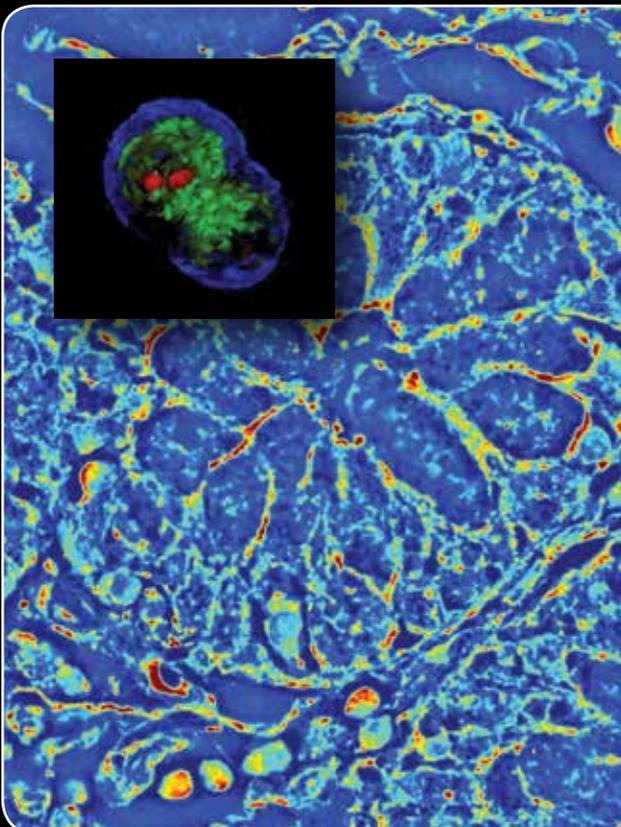


NANOLIVE
Looking inside life

Nanolive Holotomography Microscopy

Visualise and discover your cells and tissues in their natural environment. Change the way you do research and look instantly inside living cells in 3D without toxic and expensive reagents.

- Tomography & holography in one unit for 3D imaging of cells
- Visualisation of both internal cellular nanostructure and surface rendering of the total cell without the requirements of staining or genetic manipulation
- Resolve objects below 200nm X-Y resolution and 400nm in Z
- 2X the resolving power of phase contrast imaging
- Fluorescence and live cell add-ons available for long term time-lapse and correlative imaging



OPTICS
from image to knowledge

Phi Optics Quantitative Phase Imaging

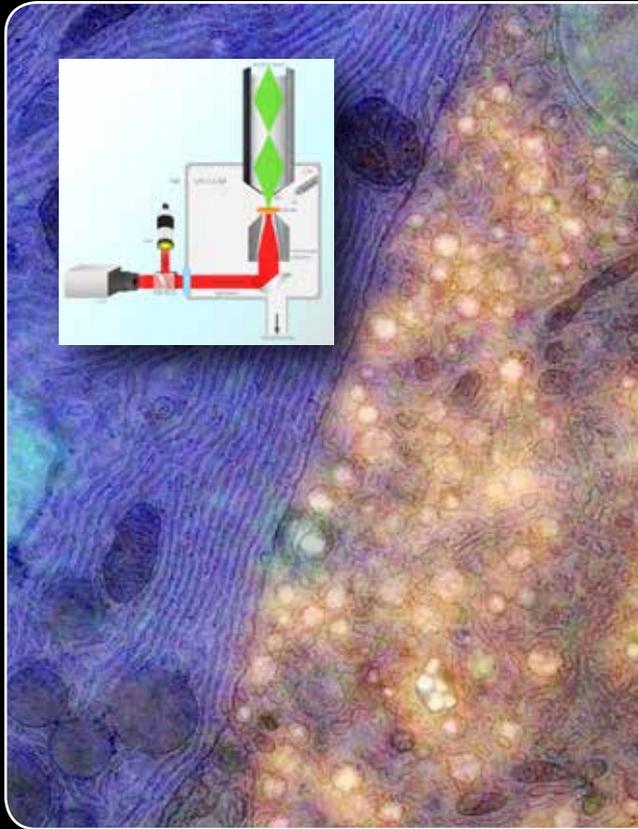
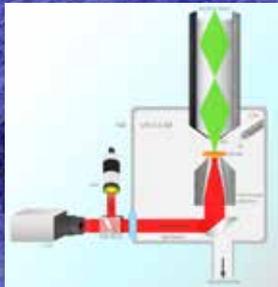
Phi Optics technologies cater for the growing need for Quantitative Phase Imaging (QPI) enabled devices. Their next generation optical imaging solutions are designed to integrate with inverted light microscopes giving them additional analytical capabilities. Their systems have wide-ranging applications for cellular, tissue and animal models.

- Real-time quantitative phase imaging
- Non-invasive, label-free
- 2D, 3D and 4D imaging (from μ sec to days)
- Seamless overlay with other microscopy channels
- Integrates with existing research grade microscopes



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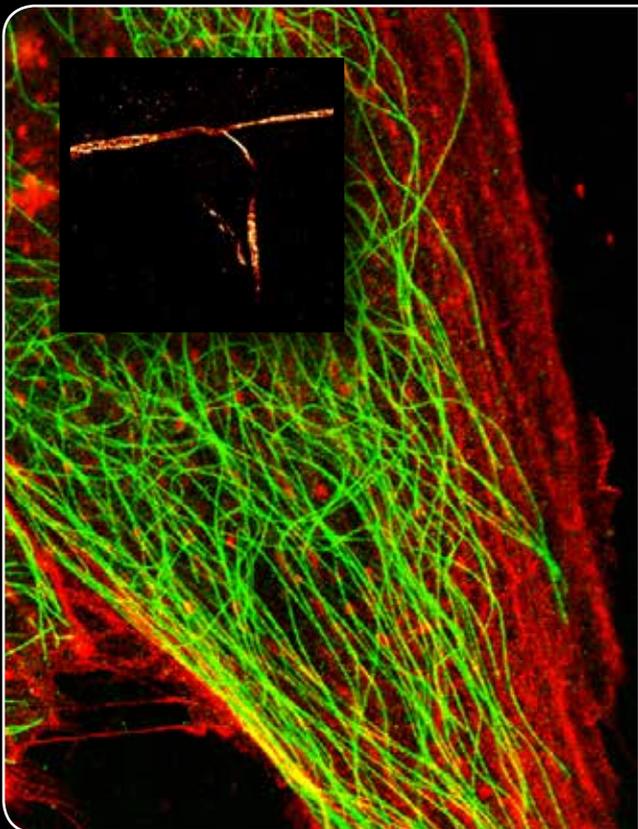


delmic

Delmic Super Resolution Correlative Microscopy

The Delmic SECOM in Correlative Light and Electron Microscopy (CLEM) takes CLEM to a new level with the addition of super resolution capabilities.

- The only totally *in situ* correlative microscopy solution
- Adds widefield, confocal or super resolution correlative microscopy to your SEM
- Super resolution via STORM principle even in a total vacuum environment
- Nanometre precise correlation of signals between SEM and fluorescence
- Replaces the standard door of Scanning Electron Microscopes (SEM) from all major manufacturers (Tescan, Zeiss, JEOL, FEI, Hitachi)



ONi
Oxford Nanoimaging

Oxford Nanoimaging Super Resolution Microscopy

The next generation of super-resolution microscope reveals biology in a new light. We can now image cells at the highest resolution, understand molecular interactions, dynamics and study the fundamentals of biology through single-molecule fluorescence.

- Ground up designed instrument with small footprint
- Single-molecule imaging based 3D localisation microscopy
- Förster Resonance Energy Transfer (FRET) spectroscopy
- Single-particle tracking
- SIM, Confocal, Epi / HILO / TIRF
- Resolution: Lateral- exceeding 20 nm, Axial- exceeding 50 nm
- Up to 4 laser and dual simultaneous capture



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