



DanyelBIOTECH  
at the heart of action

The power to see.  
The vision to discover.

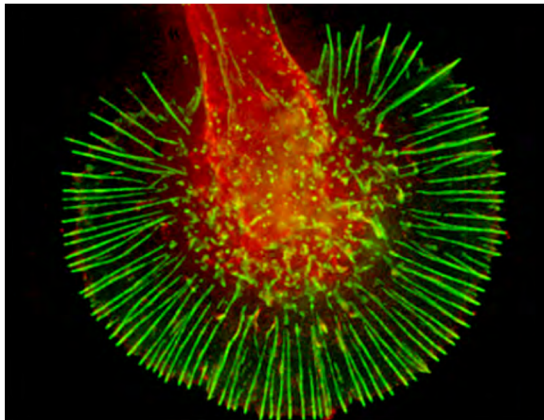


A GE Healthcare Company

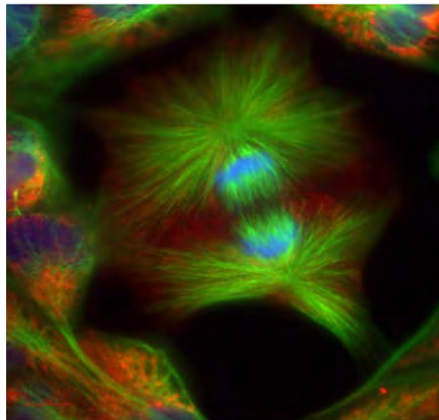
# The DV Elite™ Imaging System with TruLight™ Illumination



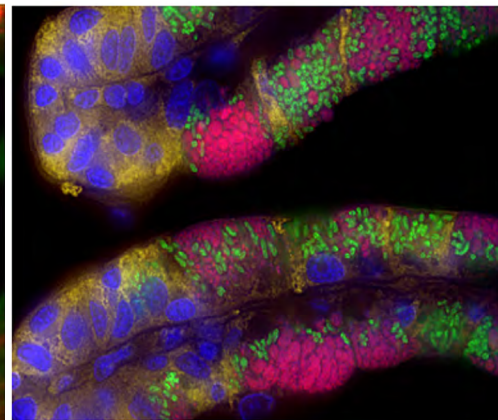
The DV Elite imaging platform has been specially designed for fluorescence imaging of **live cells for long periods**. The DeltaVision Elite uses a new **InsightSSI™** Solid State Illumination engine which makes the system more suitable for live cell imaging with no risk of exposing the live samples to harmful UV light. **TruLight™** Illumination delivers up to 10x increase in brightness and dramatically reduced exposure times. The contrast and resolution enhancement is provided by the use of integrated **3-D deconvolution** (image restoration) module.



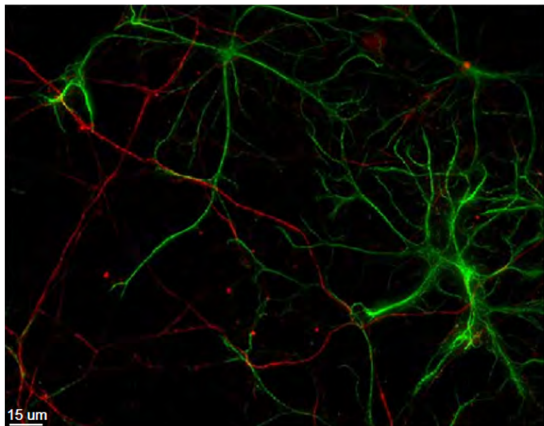
Growth cones of Helisoma neurons - Image courtesy of C. Cohan and E. Welnhover, SUNY, Buffalo



BSC1 cells- Image courtesy of AQLM, Marine Biological Laboratory, Woods Hole, MA



Gill of a hydrothermal vent mussel - Image courtesy of A. Perenthaler, California



Cultured cortical cells stained for GFAP (green) and neurofilament proteins (red) - by Applied Precision

The DV Elite is designed for maximum flexibility and can handle most applications, including **time-lapse live cell imaging**, Total Internal Reflection Fluorescence (**TIRF**), Fluorescence Resonance Energy Transfer (**FRET**), photokinetics and Differential Interference Contrast (**DIC**)

Make sure you don't miss the **DEMO** of DV Elite coming in June in Tel-Aviv University and Technion!

For details please contact:

Rafi Goldshmit, 054-4606770, Anna Kaplan 054-3348013



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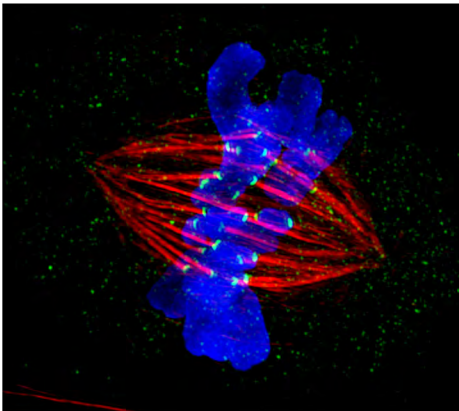


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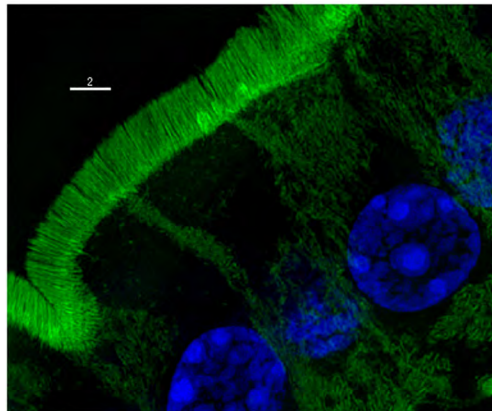
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## Real 3D SIM Super-Resolution microscope

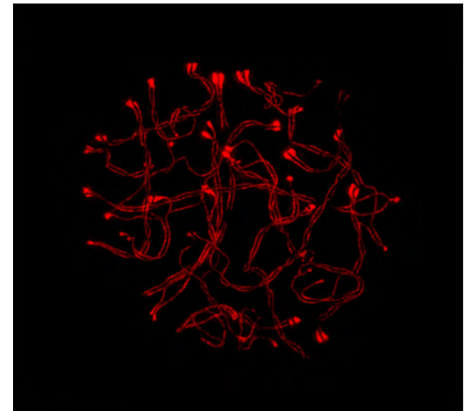
DeltaVision OMX™ with the Blaze™ SIM Module is a new level in the evolution of super-resolution live cell imaging enabled by a winning combination of an ultra-fast structured illumination module (3D-SIM) and the latest advanced high speed camera technologies.



Epithelial cell in metaphase - Image courtesy of J.Stout, Indiana University, USA



Mouse Intestine - Image courtesy of P. Appleton, University of Dundee, UK



Spermatocyte in meiosis - Image courtesy of G. Wright, Institute of Medical Biology, Singapore

3 Dimensional Structured Illumination Microscopy (3D-SIM) Imaging:  
X, Y resolution between 80-120 nm  
Z resolution between 250-350 nm  
>10 micron depth imaging

## IN Cell Analyzer High-Content Cellular Analysis systems



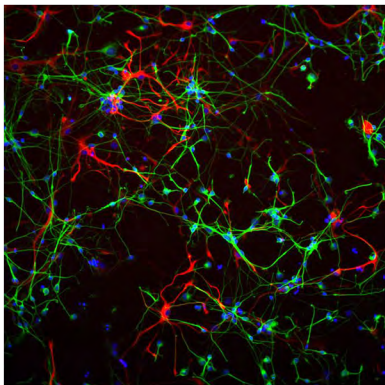
### IN Cell Analyzer 2200:

The fastest on the market widefield high-content imaging instrument

### IN Cell Analyzer 6000:

A super-sensitive laser-based **confocal** imaging platform including the adjustable confocal aperture width to match each specific imaging condition.

Both systems are compatible with commercially available laboratory automation systems.



For further information please contact:  
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