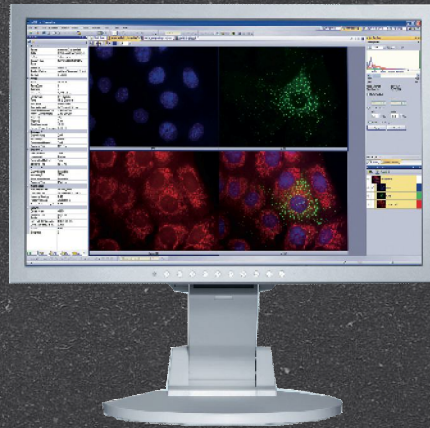
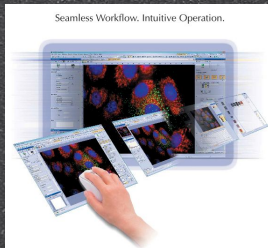


OLYMPUS



軟體功能說明會

簡介

- 1.影像檔案格式
- 2.FV1000軟體功能
- 3.cellSens軟體功能
- 4.進階應用,Q&A

共軛焦影像檔案

OIB/OIF image format



Olympus Image Binary Olympus Image Format

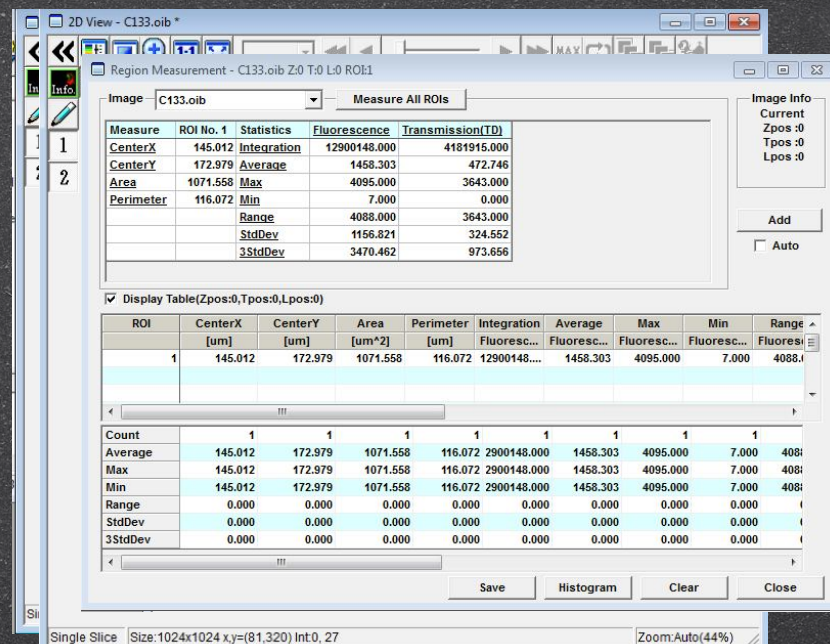


Export file format:

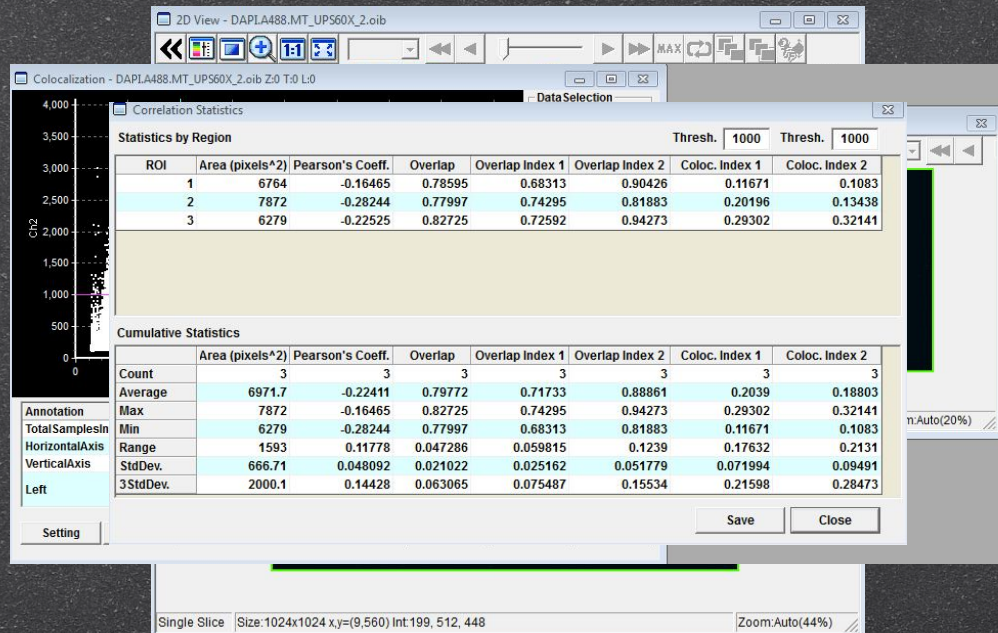
JPEG/BMP/TIFF/PNG/AVI/MOV

**Can be opened by the
Fluoview Viewer or cellSens**

FV1000 software function: Measurement



FV1000 software function: Colocalization



FV1000 software function: Series-Analysis



FV1000 software function: **3D Rendering**

777 QuickTime®
H.264 Video Codec
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777 QuickTime®
H.264 Video Codec
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777 QuickTime®
H.264 Video Codec
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777 QuickTime®
H.264 Video Codec
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cellSens 影像檔案

Read and write:

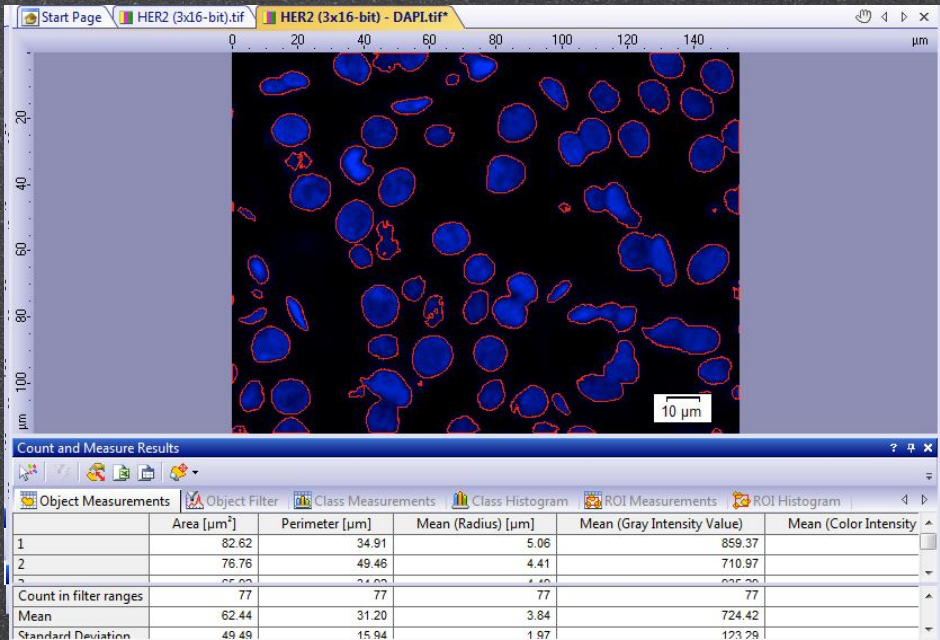
**JPEG, JPEG2000, TIFF, BMP, AVI,
PNG, **VSI**(virtual slide image)**

Read only:

**TIFF, PSD(Adobe PhotoShop), TIFF(DP-BSW,
FSX100, MetaStep), OM/OMB(ELCOM45W
Format), CellSens(MetaMorph), MKC(Medical
Research Council)**

cellSens software function:

Count & Measurement



cellSens software function:

Deconvolution

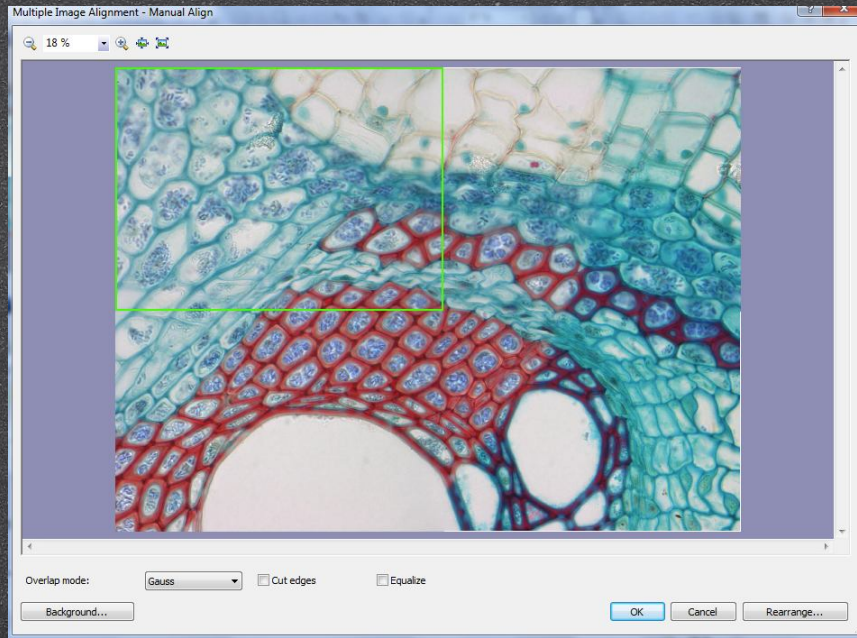
??? QuickTime?和
能乾?體! ?
?發果??畫動...

??? QuickTime?和
能乾?體! ?
?發果??畫動...

Before

After

cellSens software function: MIA (Multiple Image Alignment)



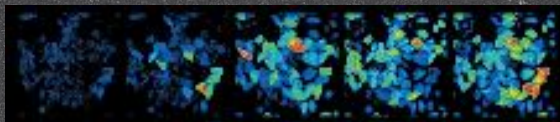
cellSens software function: EFI (Extended Focus Imaging)



cellSens software function: Microscope & CCD control

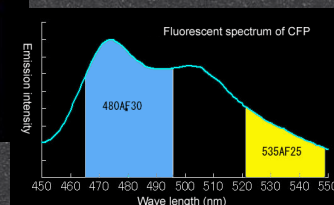


進階應用--FRET



FRET

専用ウィザードで、FRETの実験手順を容易に設定
CFP/YFP FRETに最適な励起波長のレーザを用意



Live cell-CFP

Live cell-YFP

Image Analysis- Q & A

1.在影像擷取中所遇到的難題？

2.在影像分析中想要應用的功能？

**Thank you
for your attention !!**

and...

Welcome to hands on !!