

SnapScan VNIR

Hyperspectral Camera for Microscope System



Ingredient recognition

- Microstructure Development

Biomedical Imaging

- Cancer Screening

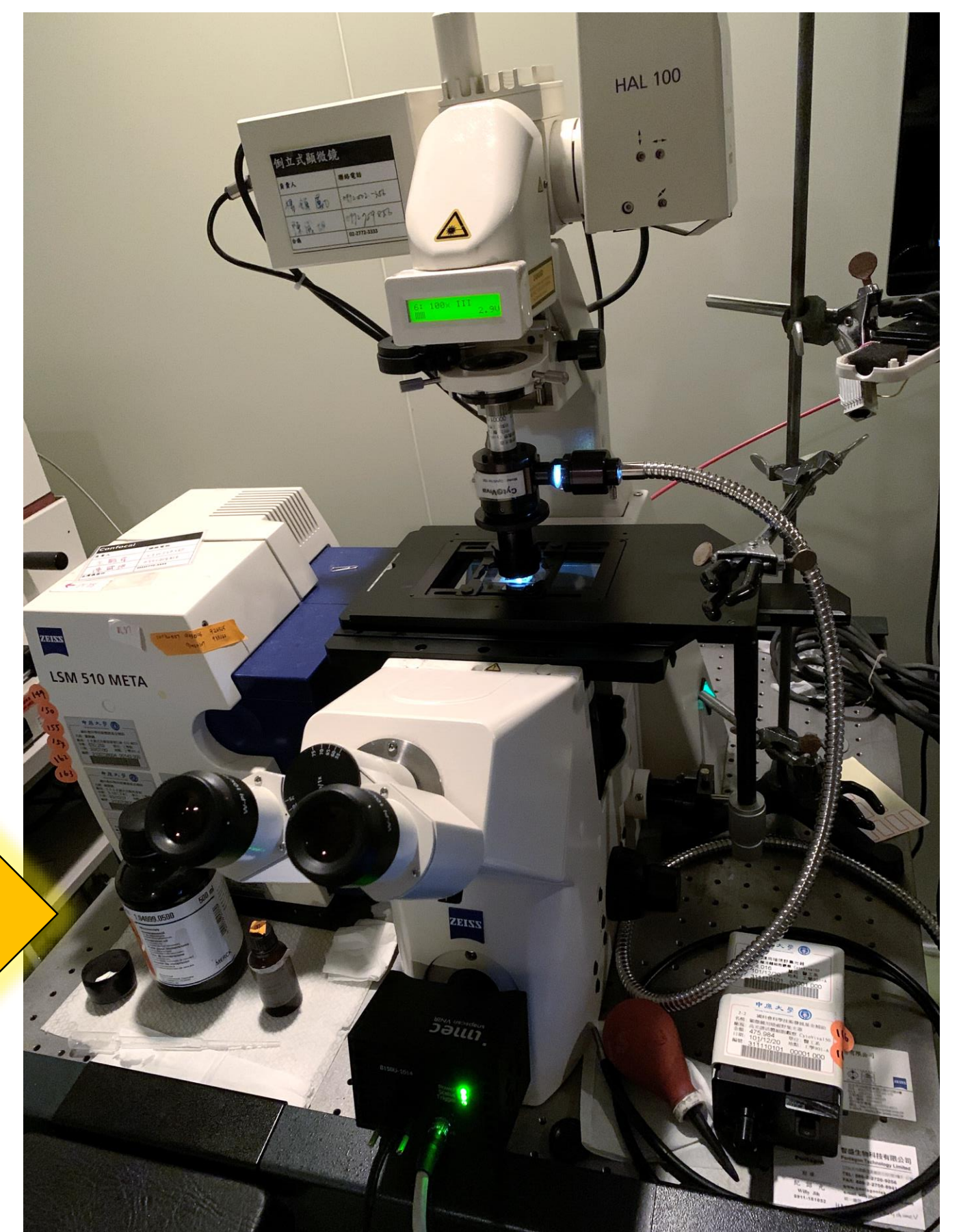
Fluorescent Imaging

- Material Development & Verification

SPECIFICATION

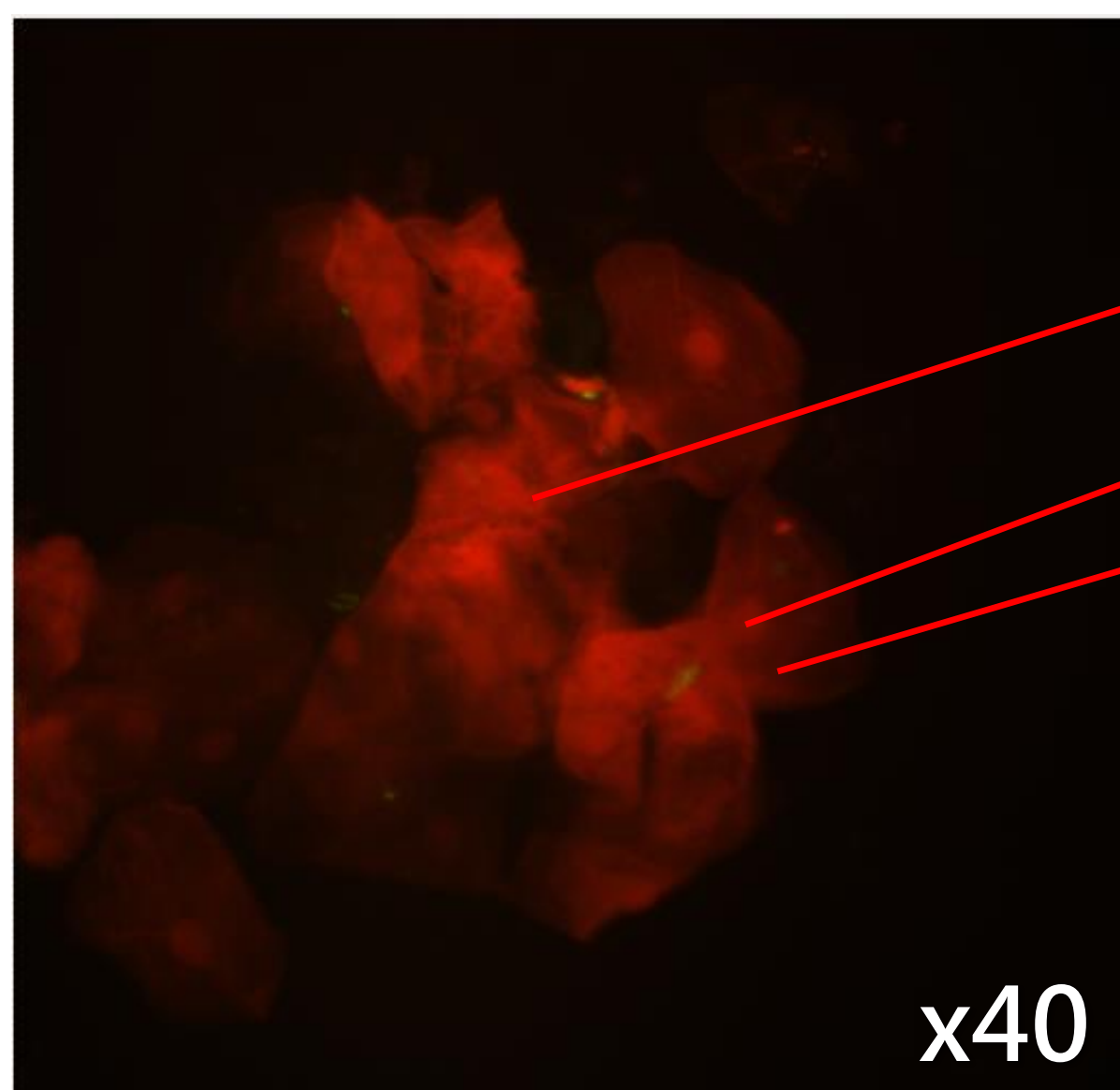
| | |
|---------------------|---|
| Spatial resolution | up to 3600 x 2048 px (7Mpx RAW per band) |
| Spectral resolution | 150+ bands |
| Spectral range | 470 – 900 nm |
| FWHM | ~ 10 – 15 nm (collimated) |
| SNR | > 100 - 200, flat SNR over spectral range |
| Dynamic range | 8/10 bit |
| Optics | C-mount |
| Smile & keystone | Software corrected |
| Interface | USB3.0 GPIO + I/O for triggering |
| Cooling | Fan Based + TEC |
| Temperature | 5°C to 45°C |
| Dimensions (LxWxH) | 10 x 7 x 6.5 cm |
| Weight | 580 g |

1. Setting On Microscope

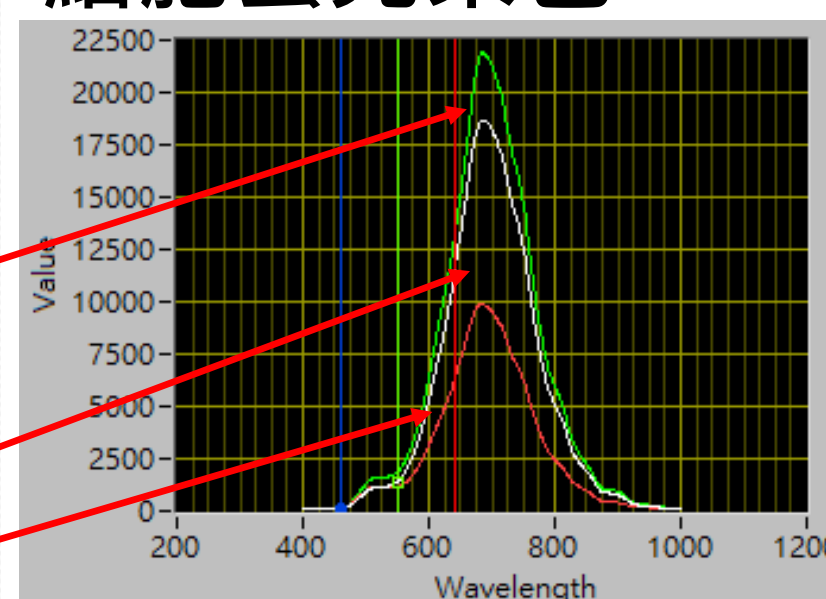


2. Hyperspectral Imaging Acquisition

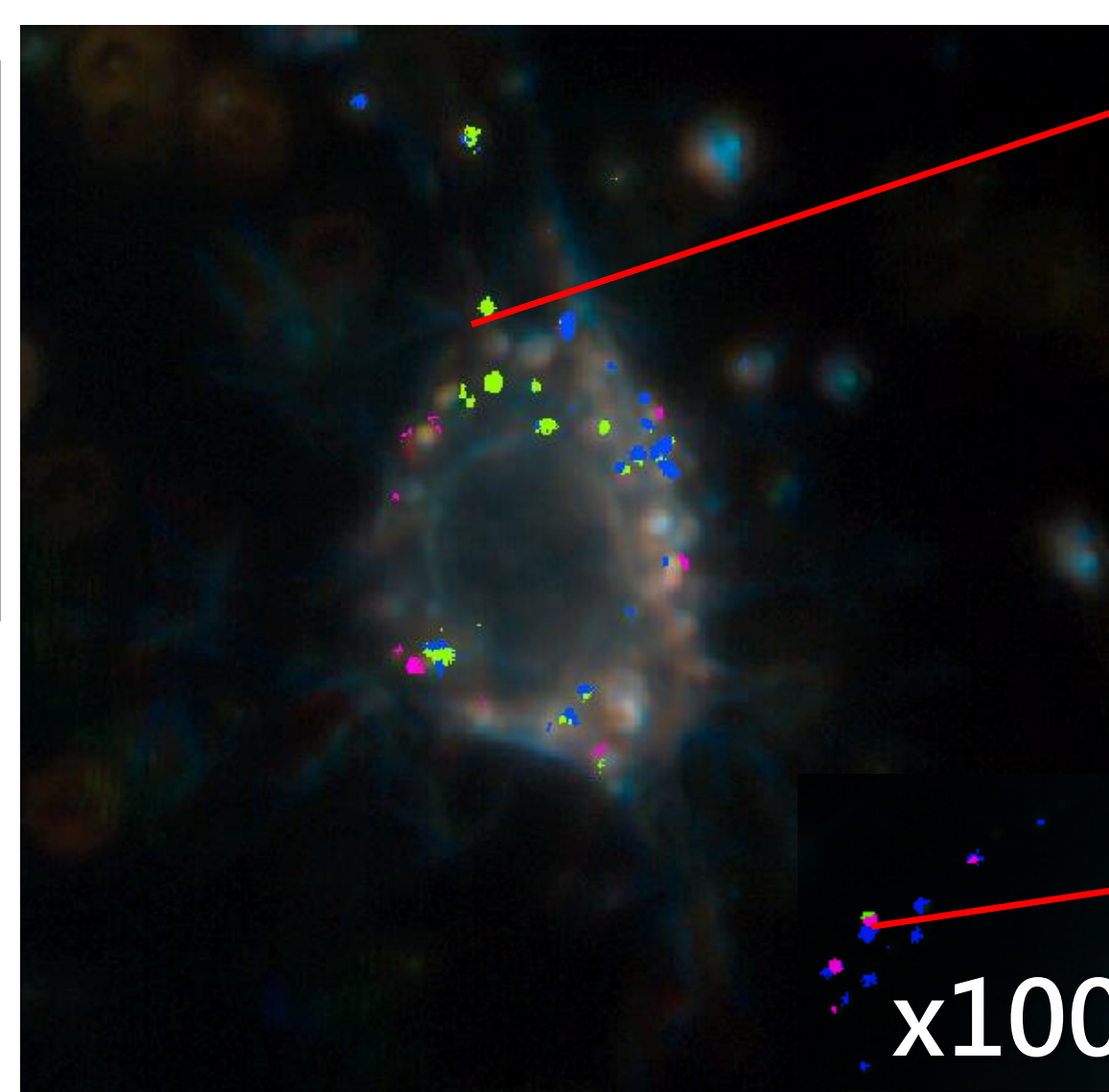
Fluorescent



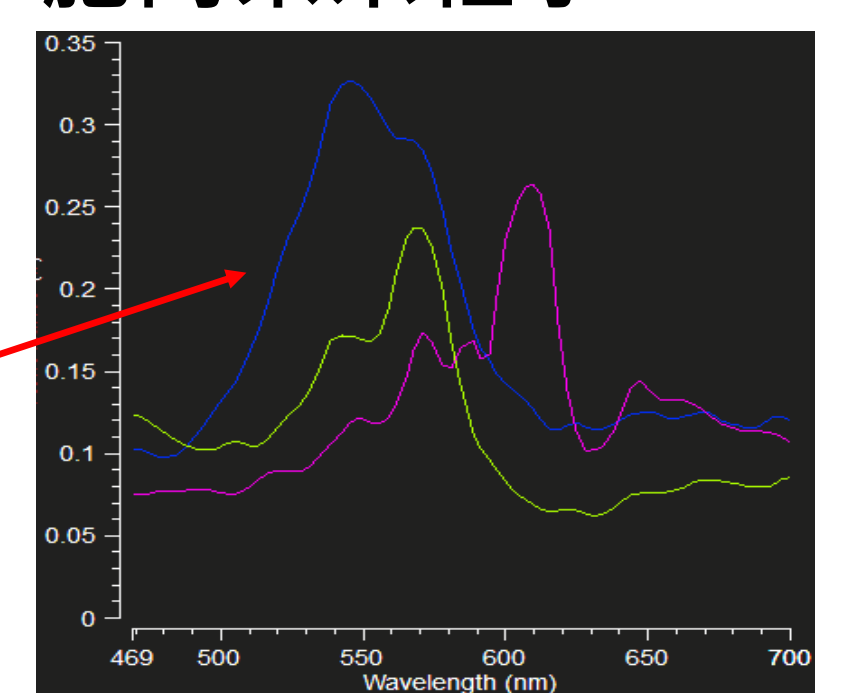
細胞螢光染色



Dark Field



胞內奈米粒子



游離奈米粒子

