

Automated Cell Based Image Analysis

CellVigene

High automated image analysis software for cell based image analysis supports multiple signal segmentation. Clinical Diagnosis Protein Array Image Analysis software that provides accuracy, sensitivity, reliable results, unprecedented level of automation and high performance.

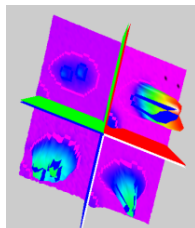
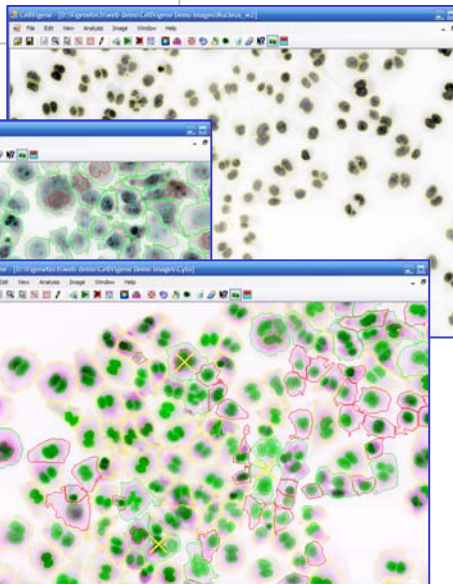
Performance

- Multi layers image analysis
- Configurable algorithms
- Sophisticated segmentation algorithms
- Automatic dust removal with back fill
- Regional background subtraction to obtain highest sensitivity
- Imbedded multi level quality controls

Nucleus Segmentation

Cyto Plasma Segmentation

Final Results



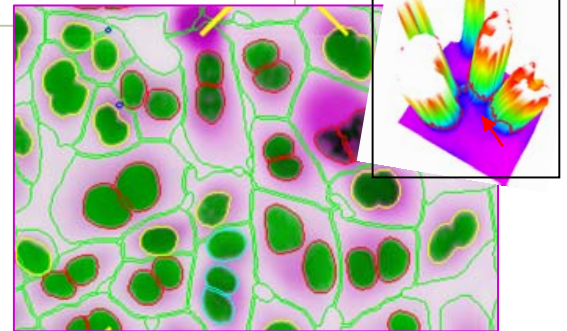
Quality

- 100% reproducible and operator independent results
- Actual spot boundary definition to obtain accurate spot signal
- Automatic pad finding, place flex grid and quantify spots
- Automatic dust removal with back fill
- Regional background subtraction to obtain highest sensitivity
- Imbedded multi level quality controls

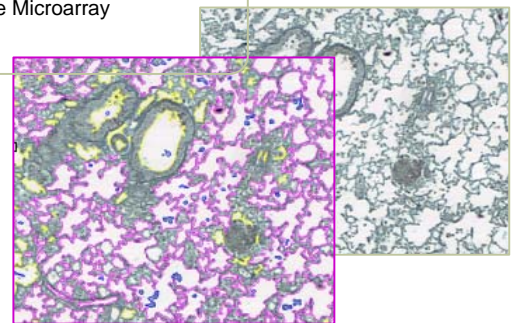
Customized Solutions

- Support High Content image analysis, Tissue mirroarray,
- Actual spot boundary definition to obtain accurate spot signal
- Automatic pad finding, place flex grid and quantify spots
- Automatic dust removal with back fill
- Regional background subtraction to obtain highest sensitivity
- Imbedded multi level quality controls

Micronuclei segmentation



Tissue Microarray



Register for Beta Tester :

<http://www.vigenetech.com/demo.htm>



VigeneTech Inc.
Image Analysis Innovations

<http://www.vigenetech.com>
Info@vigenetech.com
Service@vigenetech.com

(phone): 978-371 5959
(fax): 978-371 9559