

## EVOLUTION KIT

- 01 Assay profiling**  
Characterization of assay and automation requirements
- 02 Tailored platform**  
Customization of imaging platform configuration
- 03 Workflow design**  
User experience through operation cycle of imaging & Analysis
- 04 Custom made imaging**  
integration and optimization of established image processing algorithms
- 05 Analysis Algorithms**  
Cells and signals features extraction and Deep learning assimilation
- 06 Solution Deployment**  
Deliver a fully operational, ready-to-go solution

# YOUR PERSONALIZED PLATFORM

Your partner in medical innovation - Automated imaging, analysis and characterization of rare and circulating tumor cells

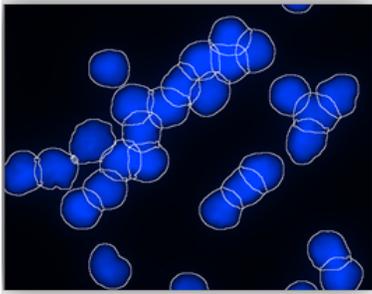
## ABOUT US

For nearly two decades BioView has been developing, manufacturing and marketing innovative automated cell imaging and analysis solutions, for use in cytology, cytogenetic, pathology for clinical and research laboratories.



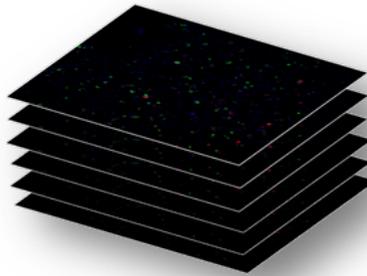
# DeNOVO

# ADVANCING LIQUID BIOPSY ASSAYS INTO CLINICAL ROUTINE



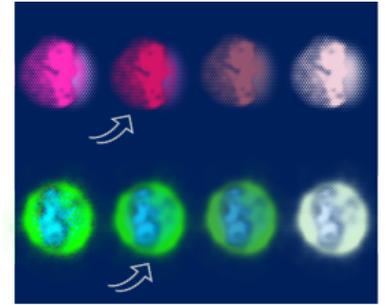
## AUTOMATED SEGMENTATION

Automated cells segmentation of single cells and clusters



## HIGH THROUGHPUT 3D IMAGING

Automated 3D image capture and signal detection with dynamic z-stack algorithm



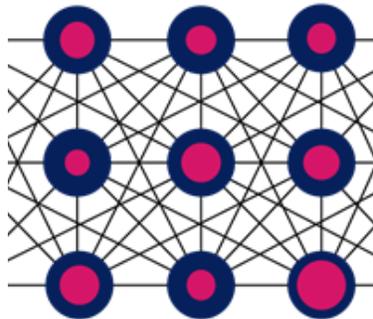
## AUTOMATED EXPOSURE

Computer vision algorithms ensure optimized quality and balanced exposure between channels



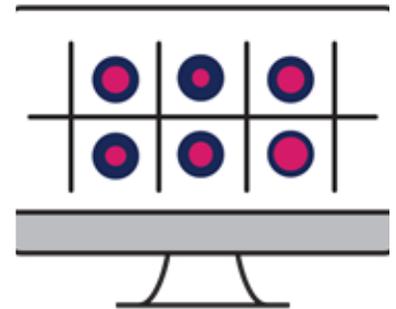
## UNLIMITED CONFIGURATIONS

Any biomarker combination with tailored optical configuration. Up to 7 different objectives, ranging from X1.25 to X100, and up to 8 fluorescent channels ranging from UV to far-red spectrum.



## FEATURES EXTRACTION

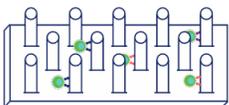
Automated CTC detection & characterization utilizing deep learning algorithms



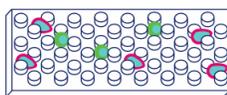
## REMOTE REVIEW & ANALYSIS

Web-based application provides comprehensive review, analysis, reporting and consultation from any location

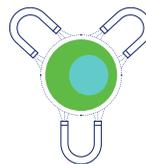
## ANY ENRICHMENT TECHNIQUE.



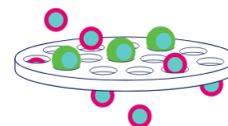
ANTIBODY  
IMMOBILIZATION



MICROFLUIDIC  
CHIP



NEGATIVE/POSITIVE  
MAGNETIC CELL DEPLETION



SIZE FILTRATION /  
MICROSIEVE



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