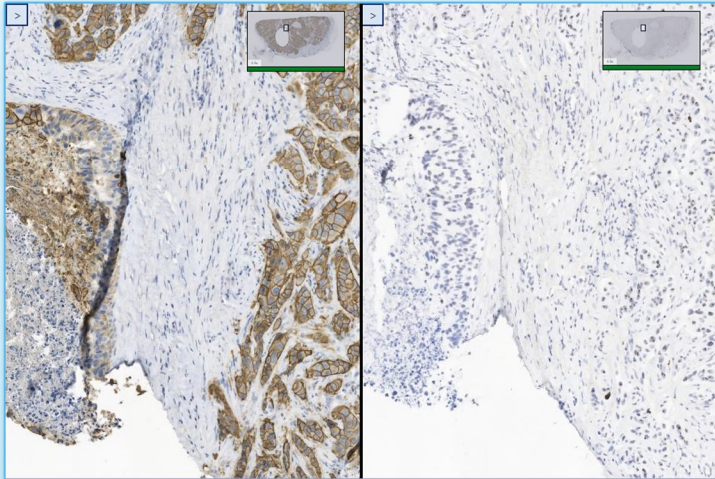# JILAB

SLIDEVANTAGE

MODERN VIRTUAL MICROSCOPY

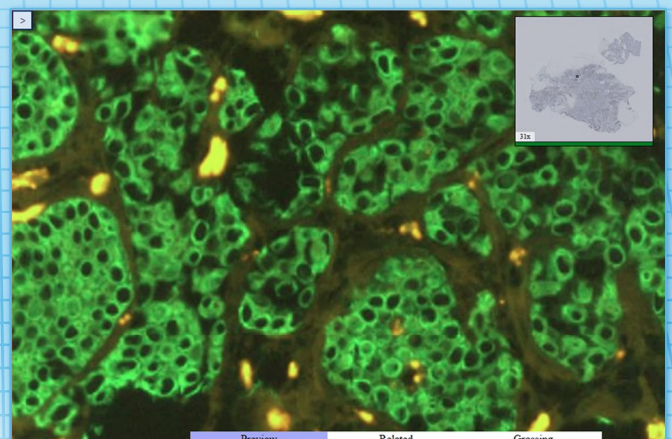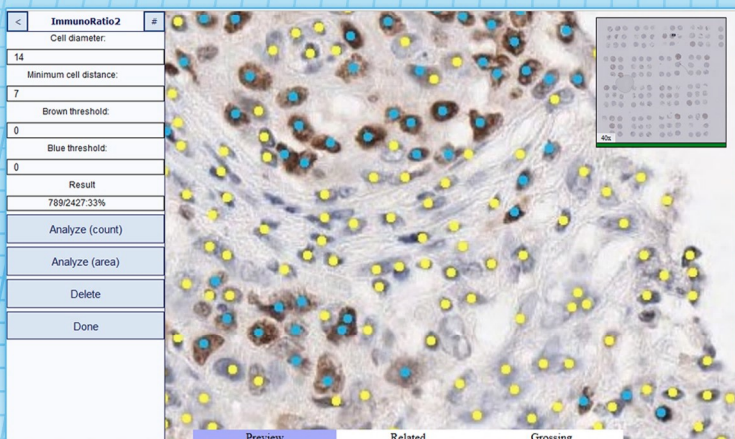### A fast and versatile software for viewing and analysis of whole slide images

Features

- Images are saved in vendor-neutral JPEG2000 format optimized for WSIs (1)
- File formats of major scanner vendors can be converted to JP2-WSI (1)
- WSI viewing with web browser on any platform (Win, Mac, Android, iPhone)
- Annotations, image analysis and focus stacks available

1) http://www.jpathinformatics.org/article.asp?issn=2153-3539;year=2018;volume=9;issue=1;spage=20;epage=20;aulast=Helin

- Fast and smooth zooming and panning
- Annotations and measuring tools (length, area, click-and-count)
- Image analysis of immunohistochemistry:
  - ImmunoRatio3 for ER, PR and Ki67 (incl. deep learning epithelial recognition
  - ImmunoMembrane for HER2 and other membrane markers
- Image layer blending (focus stack viewing, immunofluorescence, FISH)
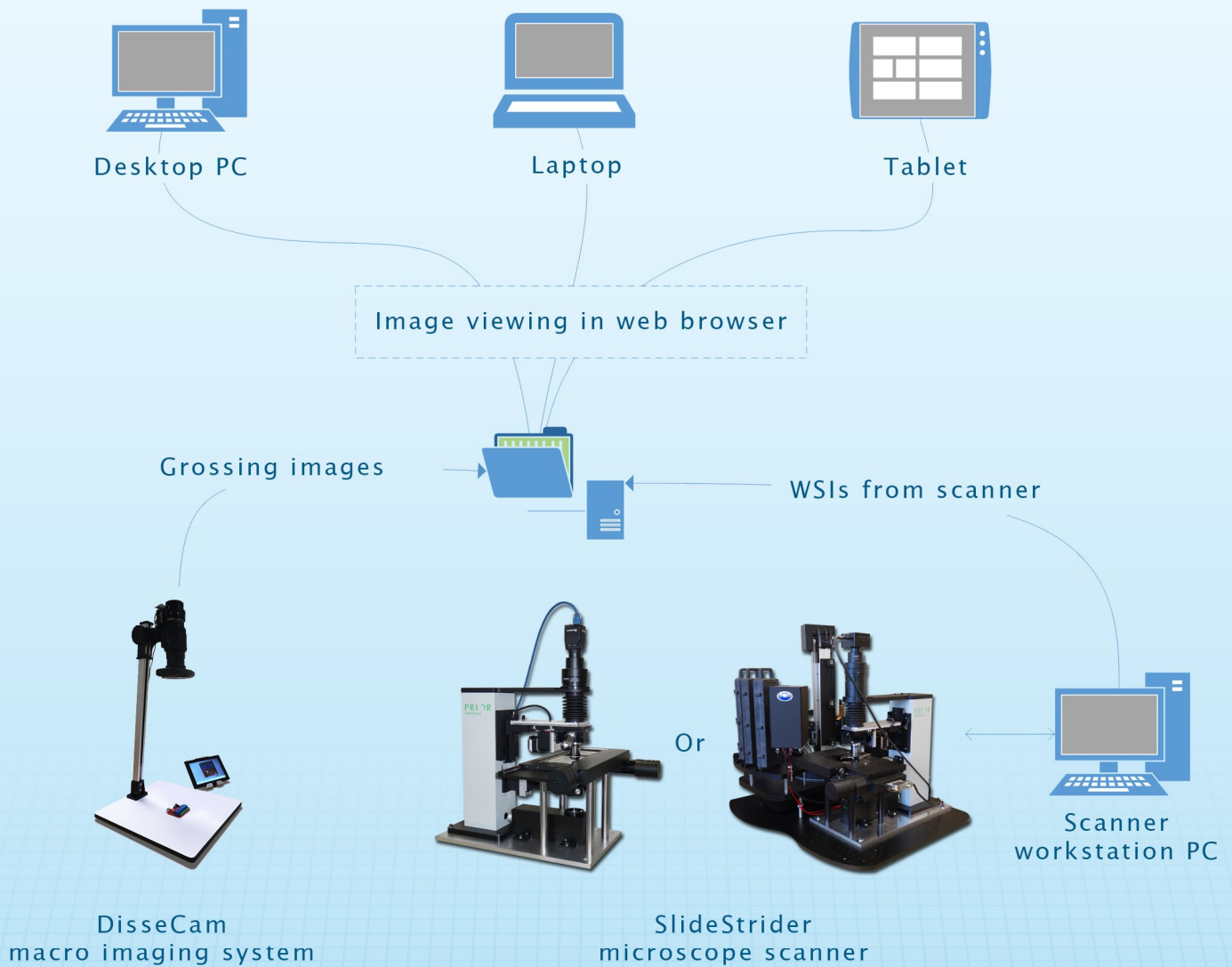- Simultaneous viewing of grossing and WSI images (side-by-side)

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Jilab SlideVantage

Desktop PC

Laptop

Tablet

Image viewing in web browser

Grossing images

WSIs from scanner

DisseCam
macro imaging system

Or

Scanner
workstation PC

SlideStrider
microscope scanner

- SlideVantage can be integrated to existing LIMS systems
- SlideVantage server can be configured as primary image storage, or images can be stored in a separate PACS