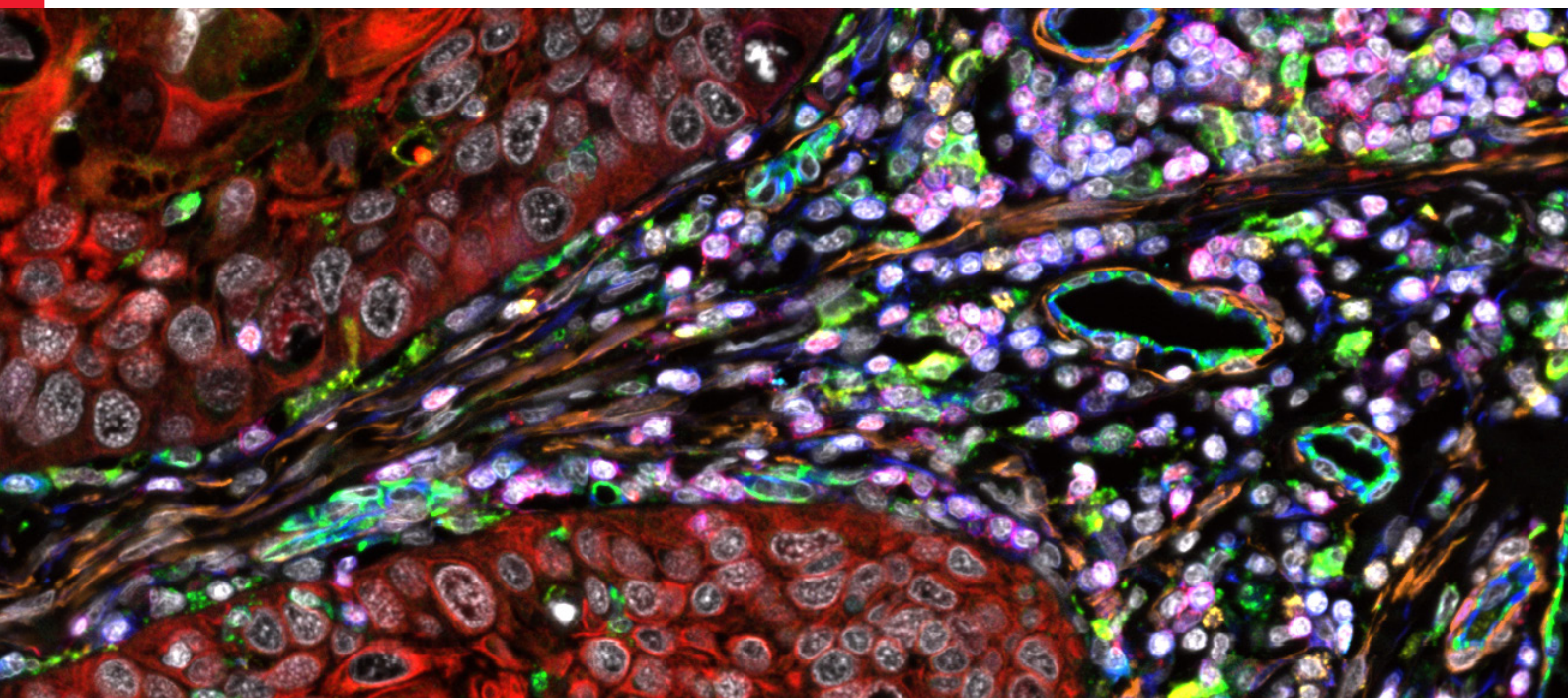


From Eye to Insight



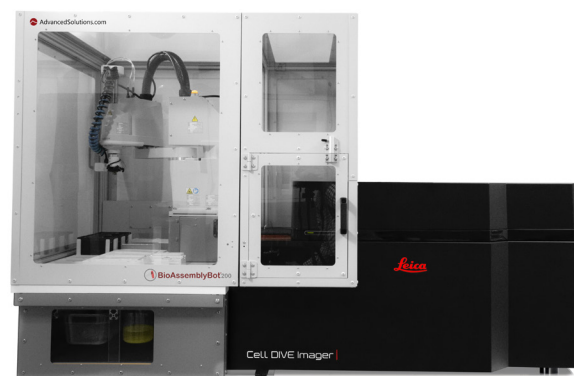
Crystal-clear whole tissue slide imaging at scale

CELL DIVE AND BIOASSEMBLYBOT 200: AUTOMATED STAINING AND IMAGING AT SCALE

Cell DIVE's open multiplexing system allows you to design and scale your studies as it suits you. By automating your staining and slide handling workflow, you can image many slides unattended.

Leica Microsystems has partnered with Advanced Solutions Life Sciences to create a seamlessly integrated solution leveraging the BioAssemblyBot 200 (BAB 200), a high precision and flexible robotic platform.

- > Advance your research 24/7 by processing up to 15 slides at a time
- > Reduce tissue damage with the Cell DIVE ClickWell, a coverslip-free slide holder that integrates with BAB 200
- > Have confidence in your results by minimizing sample to sample variation



SCALE YOUR RESEARCH WITH AUTOMATION

To achieve 60+ biomarkers for a single slide, Cell DIVE takes advantage of a patented iterative staining workflow. There are four steps that make up an imaging round, which are repeated with new biomarkers for as many rounds as your research requires.

Streamline your work by pairing your Cell DIVE multiplexed imaging solution with BAB 200, a multi-tasking robot that automates traditional benchwork steps (staining or dye inactivation) and imaging in a single workflow.

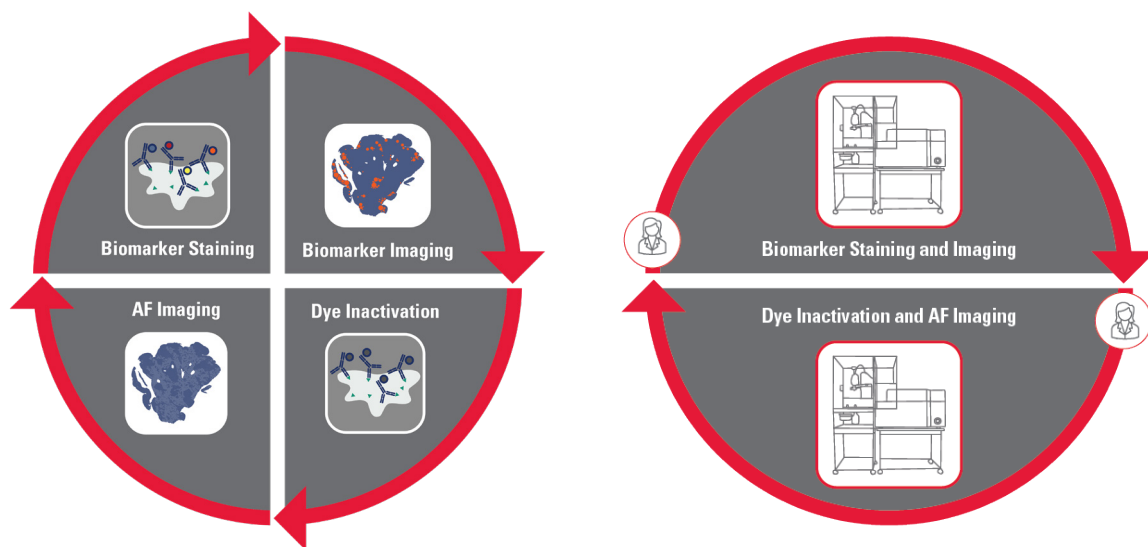


Figure 1: Steps in the Cell DIVE patented iterative staining workflow

Figure 2: BAB 200 automation of iterative staining workflow steps with two touchpoints

MAIN FEATURES

- > Perform pipetting and slide movement actions with a single robotic system using the BAB 200's interchangeable tools
- > Get started quickly with pre-configured BioApps for common workflows
- > Custom slide processing schema reduces imager downtime
- > Preserve antibodies and other sensitive reagents with cold storage
- > Distribute reagents across tissue dynamically with active rocking

Developed for Cell DIVE by



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