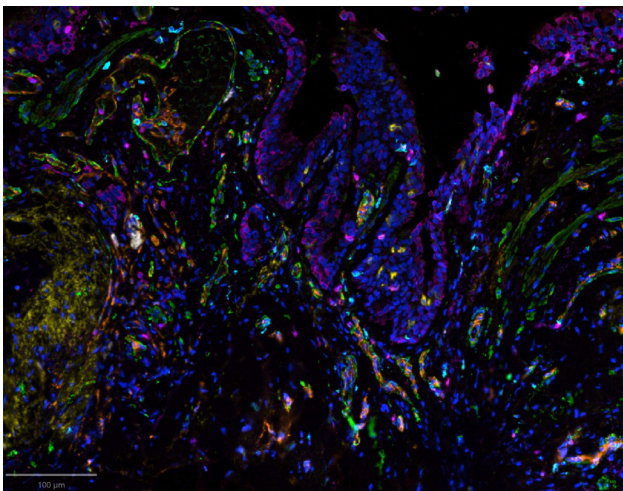


## Increased Staining Consistency and Clarity on the ONCORE Pro X for Multiplex Staining

*“The ONCORE Pro X is a reliable and user-friendly platform for laboratories performing OPAL TSA protein multiplex and RNAscope workflows”*

*“We use the ONCORE Pro X platform on an almost daily basis for multiplex protein staining, and it has been very easy to adapt and integrate into our workflows.”*



Lung Immune Response – OPAL 9 Multiplex Staining on ONCORE Pro X

*“We now observe minimal variation between runs, significantly increasing confidence in our data consistency.”*

At the University of New South Wales Katharina Gauss Light Microscopy Facility (KGLMF) in Sydney, Australia, researchers rely on high-quality, reproducible staining results to support complex multiplex protein and RNA workflows.

### The Challenge

Prior to installation of the ONCORE Pro X the customer experienced uneven antibody staining across tissue sections and inconsistent staining results between batches, using another automated IHC platform, which impacted reproducibility and data reliability.

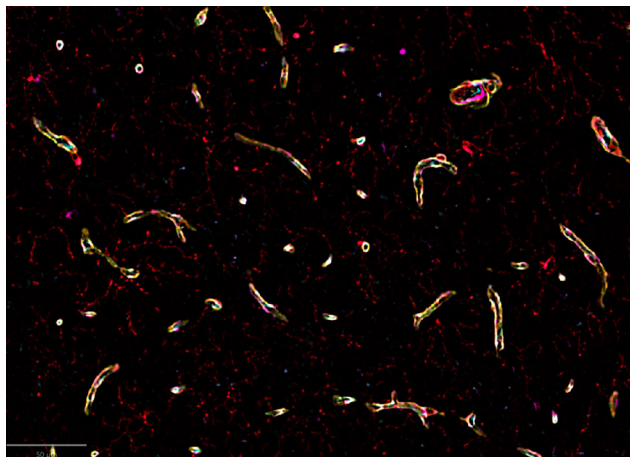
### The Solution

ONCORE Pro X enabled automated, flexible workflows with reusable reagent containers and integrated reagent inventory management, significantly improving lab efficiency by streamlining workflows and reducing waste.

### The Results

The ONCORE Pro X provided improved consistency, even staining of large sections, and enhanced signal-to-noise ratio resulting in cleaner staining. Seamless integration allowed immediate productivity gains.

*“The system is straightforward to use and fits well into daily lab operations, while delivering robust and reliable results.”*



**Brain Vascular Profiling using OPAL Multiplex Staining on the ONCORE Pro X**

## Consistent High-Quality Results

Iveta Slapetova, Manager of Research Histology and Spatial OMICS, commented “The ONCORE Pro X seamlessly integrated into our workflow from day one with minimal adjustment required. The system is easy to set up and helps reduce overall reagent consumption during assay preparation, making it both practical and cost-effective for routine use. It is well-suited to research and translational labs performing complex workflows, seeking consistency, efficiency, and reproducibility. The use of supplementary Biocare products has further improved the staining providing cleaner and more interpretable staining.”

Key Applications run on the ONCORE Pro X include OPAL TSA protein multiplex and monoplex staining, DAB IHC, and RNAscope workflows.

ONCORE Pro X provides operational benefits including reusable reagent containers and integrated reagent inventory management helping streamline workflows and reduce waste.

The greatest impact to the lab is the minimal variation between staining runs and consistently high-quality results.

*“The ONCORE Pro X integrates seamlessly into routine lab workflows. Its robust automation and robotics reduce hands-on time and human error, while allowing flexible, process-driven staining approaches, making it valuable for labs seeking consistency, efficiency and reproducibility.”*

|                      |   |
|----------------------|---|
| High reproducibility | Minimal batch-batch variation               |
| Workflow efficiency  | Simultaneous multi-project processing       |
| Reagent optimization | Reduced waste and improved usage            |
| Ease of use          | Intuitive software and seamless integration |

Scan here to learn more about ONCORE Pro X



For research use only. Not for use in diagnostic procedures.



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