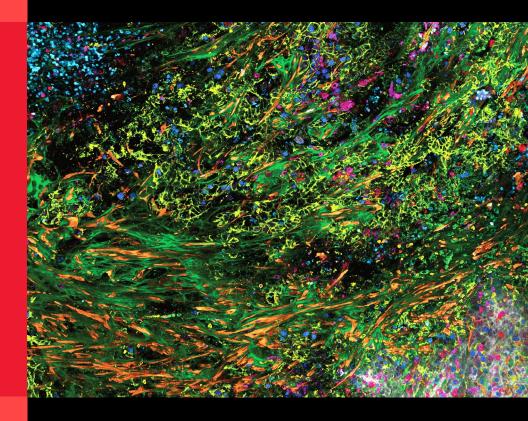
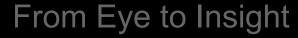


## **NEW ON STELLARIS:**

Discover the power of

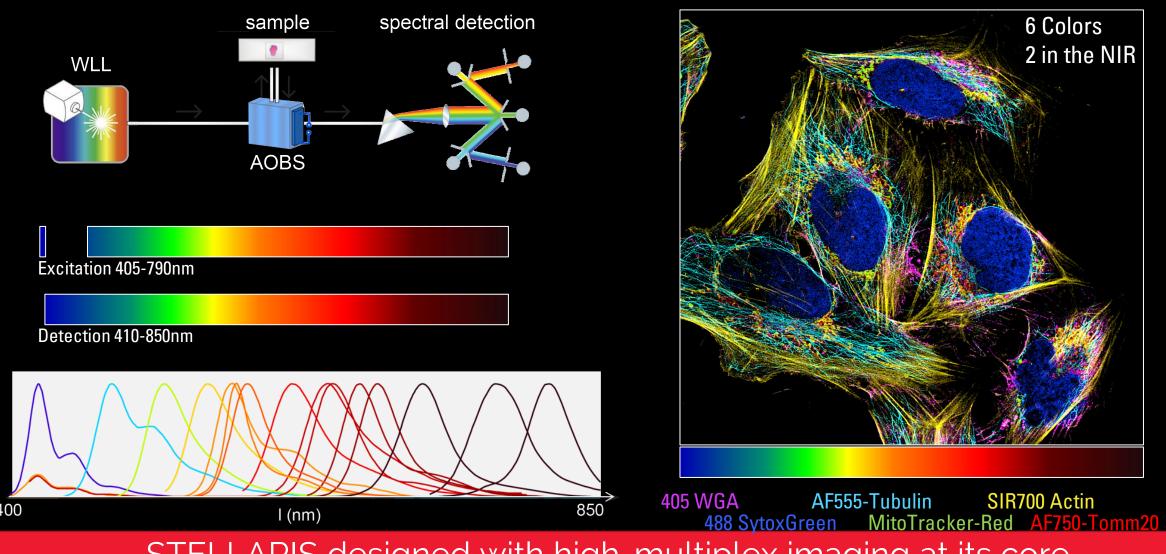
3D high-multiplex imaging across scales







## Spatial Phenotyping and the STELLARIS Confocal Platform



STELLARIS designed with high-multiplex imaging at its core





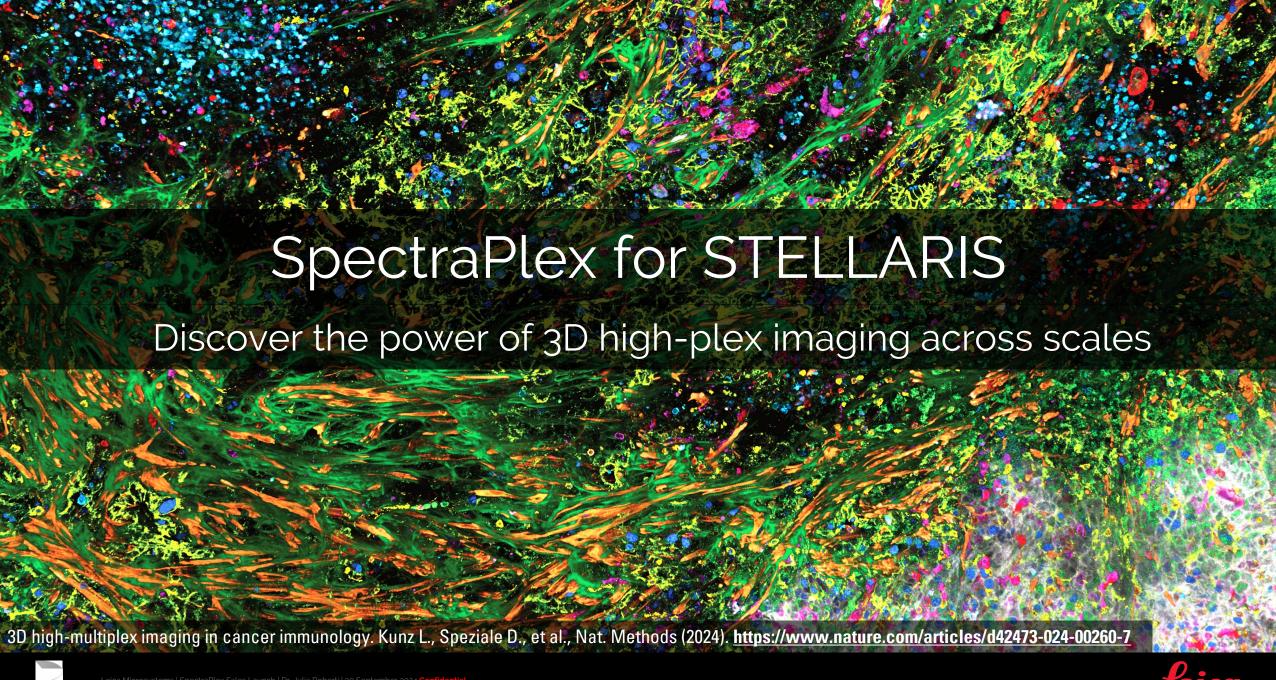
## Spatial Phenotyping and STELLARIS: What is Needed?

• Setting up a high-multiplex experiment takes a lot of time and it is awfully painful.

- Managing large data pipelines manually leads to mistakes and wasted hours
- The required level of multiplexing in one go, at the right resolution and in 3D is insufficient, unmixing algorithms are missing
- Segmenting objects and performing data analysis is extremely challenging



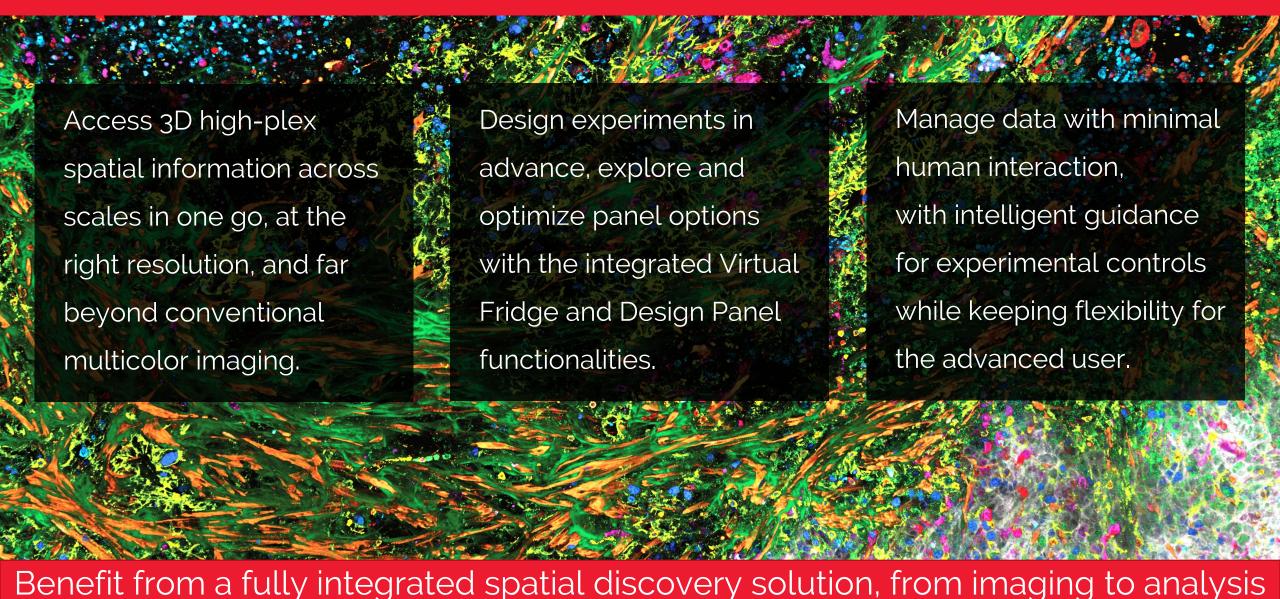






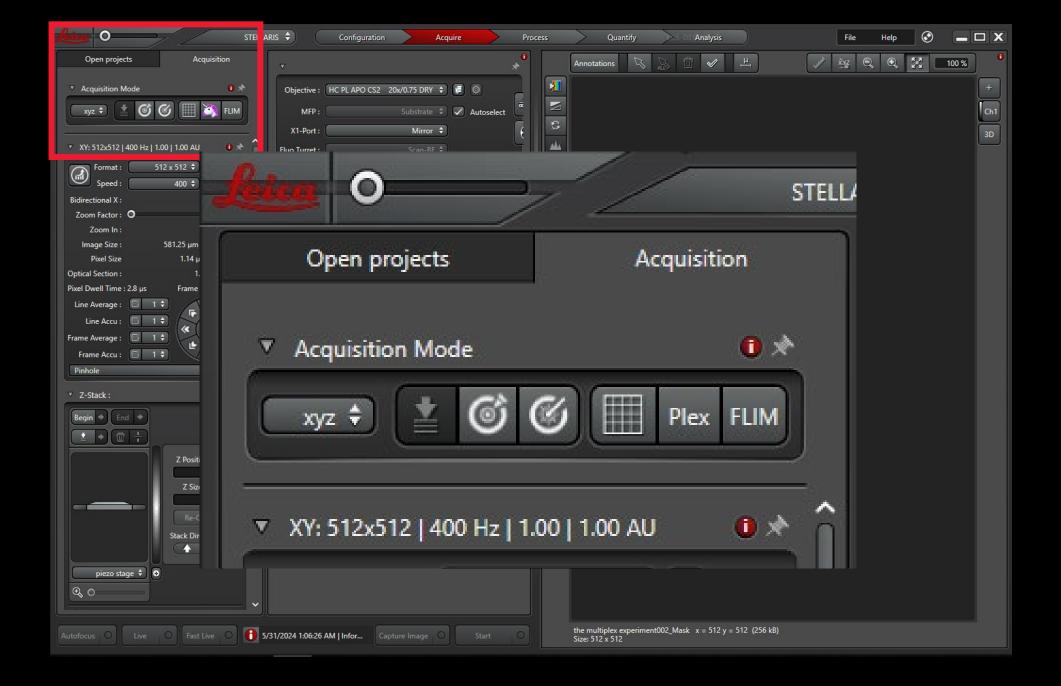


## SpectraPlex Built for Spatial Biology



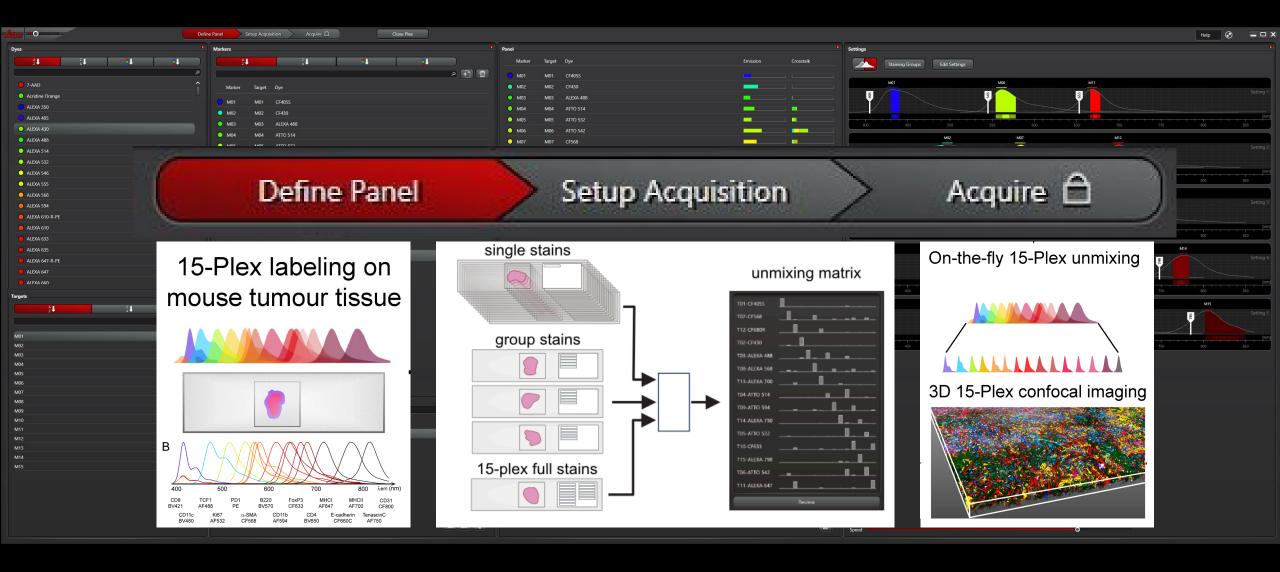








## How Is SpectraPlex Integrated in STELLARIS?







## SpectraPlex for STELLARIS in a Nutshell

- Experiment design in advance, exploring and optimizing setup and acquisition options
- Intelligent guidance for experimental control while keeping flexibility for the advanced user
- 3D high-multiplex information across scales in one go, with powerful unmixing algorithms
- Spatial Biology integrated in a powerful, highly versatile confocal platform
- Leica 15-plex microbeads sample, full stain.









# **Thank You!**



**LIVE October 7** 

From Eye to Insight

