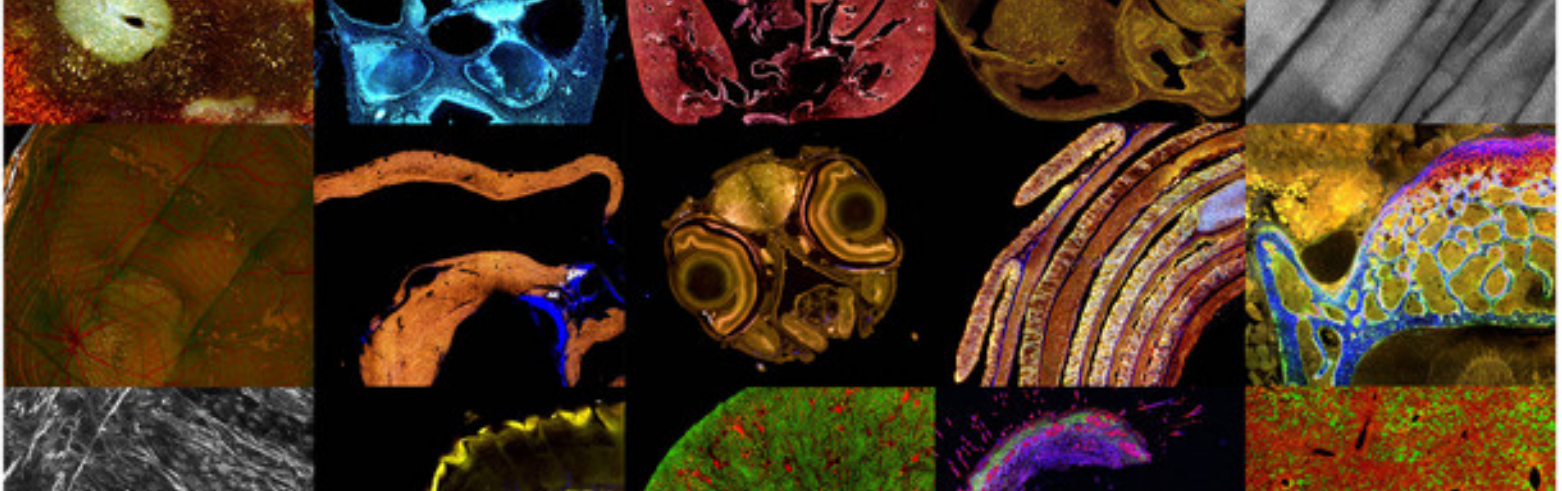




TISSUEVISION INC.

SERIAL TWO-PHOTON PLUS 3D IMAGING



ABOUT US

WHO WE ARE

TissueVision Inc. (TVI) is a multi-disciplinary life sciences company offering 3D tissue imaging and analysis solutions for the research market. Our powerful Serial Two-Photon Plus (STP²) platform features stunning high-resolution multispectral datasets and analysis pipelines that create reliable 3D tissue models. The indexed histological sections produced during the STP² process can be further investigated with secondary analyses that run the gamut from standard histological stains to advanced spatial genomics.

UNIQUE PIPELINES WITH NOVEL TECHNOLOGY

TVI is the sole provider of subcellular resolution 3D spatial biology models. Our ability to combine label-free imaging of collagen and lipids using second and third harmonic imaging with fluorescent imaging results in detailed analytical framework. The STP² pipeline allows for seamless 3D model integration with both *in vivo* and *ex vivo* imaging modalities via our automated second capture and secondary analysis pipelines.

3D SPATIAL BIOLOGY

The STP² platform bridges the long existing translational gap between low-resolution *in vivo* imaging (typically 3D) and high-resolution *ex vivo* imaging (typically 2D). The resulting 3D models can be viewed seamlessly in a cloud-based portal, allowing users to easily screen and annotate terabytes of data. The integration of Bruker Daltonics' mass spectrometry systems and AmberGen's MALDI HiPLEX-IHC pipeline with STP² technology provides a true understanding of the 3D spatial biology.

CONTRACT RESEARCH SERVICES

BROAD APPLICATION

Automated imaging and analysis pipelines for studies such as drug administration, medical device treatment, aging, whole brain mapping, and more.

PRECLINICAL AND CLINICAL

GLP-like imaging laboratory with full QC measures ensure confidence in the handling of preclinical animal models and clinical biopsies.

HIGHLY MULTIPLEXED

Endogenous and exogenous fluorescence signal is captured and displayed in up to eight imaging channels, with add-on 3D proteomic analysis.

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