

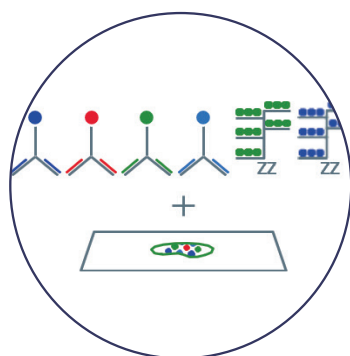
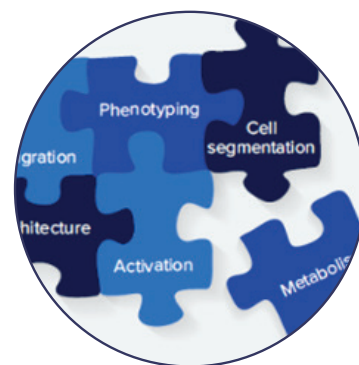


Unlock Deeper Tissue Insights with Imaging Mass Cytometry™ (IMC™)

Imaging Mass Cytometry™ (IMC™) provides spatially resolved, multiplexed imaging of tissue sections at single-cell resolution. This allows you to tailor marker selection to your specific biological pathway or research question, enabling deeper insights into the complex tissue microenvironment while supporting timely evaluation of disease progression and therapeutic response.

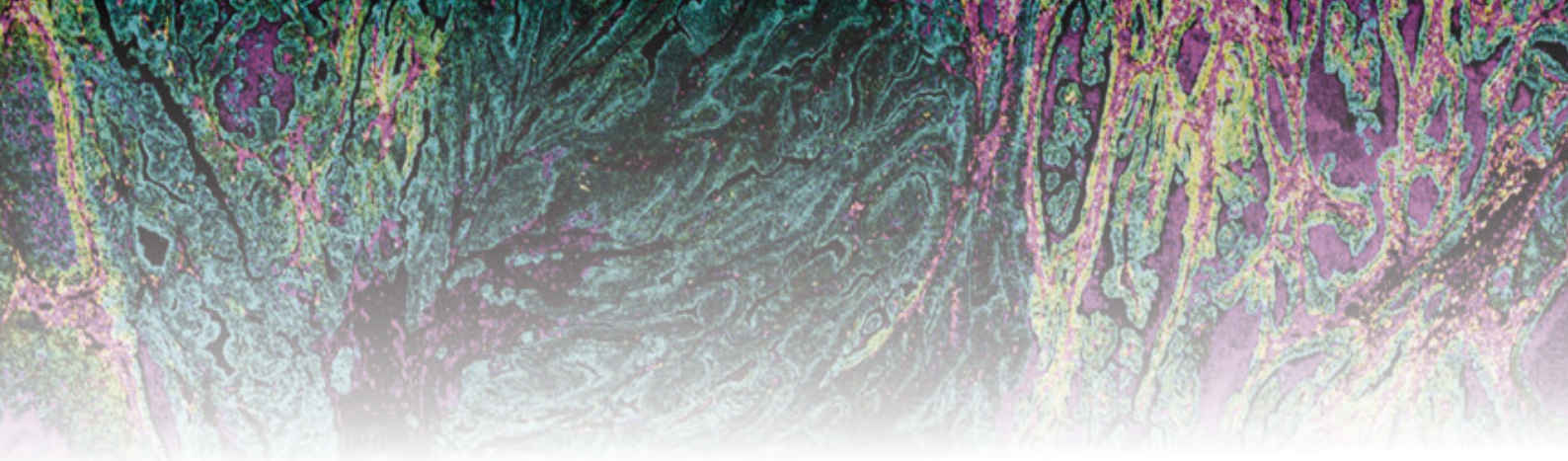
1. EASY PANEL DESIGN

- a. Wide variety of metal-tagged antibodies eliminates spectral overlap, simplifying panel design and expansion
- b. Swap markers without panel revalidation
- c. Incorporate cell segmentation to streamline quantitative single-cell analysis



2. SIMULTANEOUS BATCH STAINING

- a. Stable antibodies enable stained slides to be acquired at any time
- b. Requires minimal sample, preserving limited or precious research material
- c. Eliminate batch effects and technical variation



3. BULK SLIDE LOADING

- a. Load up to 40 slides for automated imaging
- b. Integrated barcode reader ensures accurate and traceable sample identification



4. WALK AWAY ACQUISITION

- a. Automatically acquire high-plex spatial data on 40+ markers per sample to accelerate discovery
- b. Co-detect protein and RNA on the same tissue section
- c. Choose from three acquisition modes to accommodate any tissue type or research need

5. REAL-TIME DATA

- a. Visualise 40+ markers with high-resolution spatial context
- b. Generate unbiased, high-dimensional profiles of complex tissue microenvironments
- c. Identify diverse immune subpopulations and cell-cell interactions in real time



Contact your **Lasec® Sales Representative** for more information

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