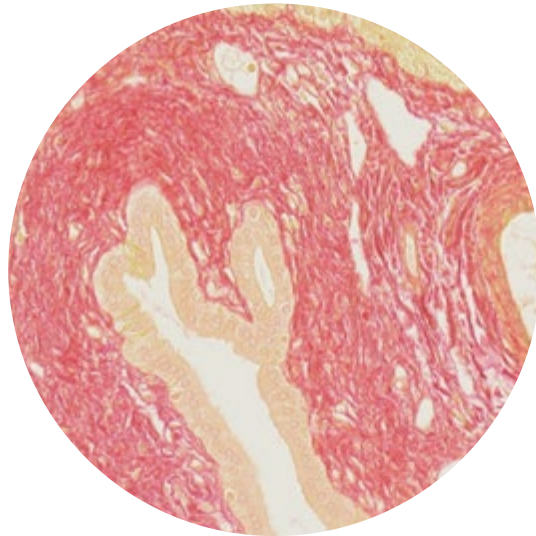


Understand Fibrosis at Every Level



1. Histopathology

Visualize tissue architecture



- ✓ PSR, EVG, Masson's Trichrome,
- ✓ H&E Collagen deposition and distribution
- ✓ Fibrosis grade and scar maturity
- ✓ Pathologist scoring and quantification



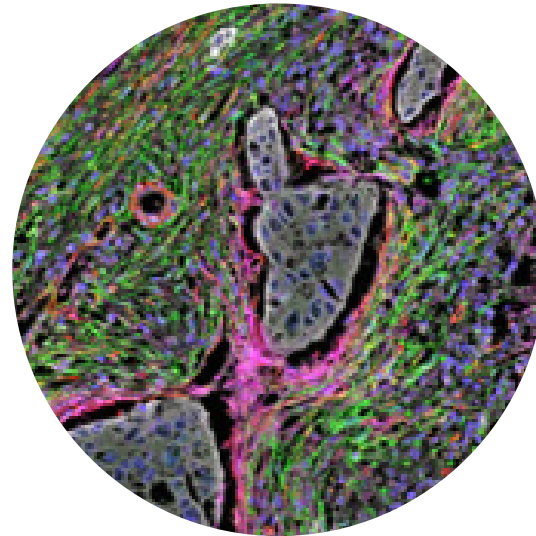
Best for

Early fibrosis assessment and histological evaluation



2. Multiplex Immunofluorescence

Profile multiple biomarkers simultaneously



- ✓ 100+ plex protein detection
- ✓ Fibroblast activation (αSMA, FAP)
- ✓ ECM proteins (Collagen I, III, Fibronectin)
- ✓ Immune cell profiling and cell phenotyping



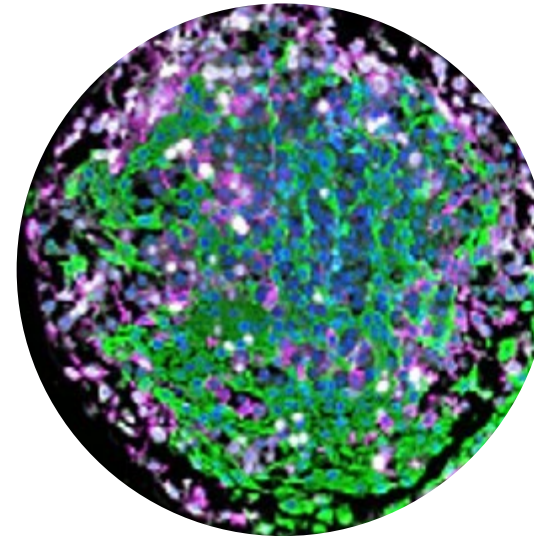
Best for

Mechanistic studies and cell interaction analysis



3. 3D Fibrosis Models & Imaging

Understand tissue organization in 3D



- ✓ 3D culture and organoid models
- ✓ Multiplex, confocal, high-content imaging
- ✓ ECM organization and remodeling
- ✓ Drug penetration and response



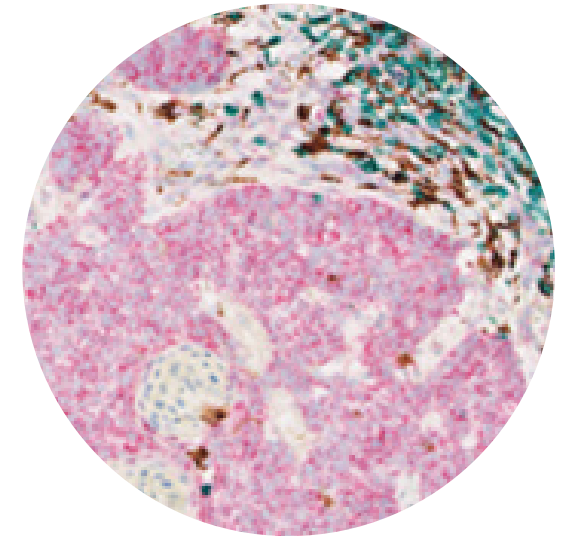
Best for

Preclinical drug evaluation and mechanism of action



4. Spatial Biology

Map gene & protein expression in situ



- ✓ RNAscope® and BaseScope™
- ✓ Up to 6 RNA targets or 2 protein + 4 RNA targets
- ✓ Spatial localization of biomarkers
- ✓ Target validation and screening, MOA discovery



Best for

Preclinical drug evaluation and mechanism of action



Tissue Morphology

See the structure



Cellular Phenotype

Understand the players



Tissue Architecture

Understand the 3D context



Spatial Mechanisms

Reveal where & why

Integrated approaches. Deeper insights. Better decisions.

LEARN MORE