

## **HISTOPATHOLOGY SERVICES FOR TRANSLATIONAL AND PRECISION MEDICINE**

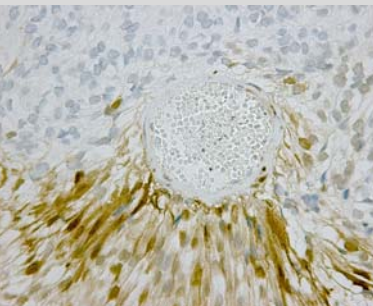
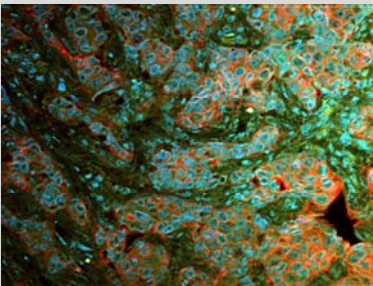
### FULL SPECTRUM OF SERVICES IN BIOSPECIMEN RESEARCH:

- Histology Lab in San Francisco Bay area
- Human Biospecimens (HBS) biobank
- Biomarker discovery and validation
- Digital Pathology (image and analysis)
- Tissue processing (human, animal)
- IHC, FISH and clinical staining
- Animal toxicology (tissues and report)
- Human sample validation studies
- Local couriers and overnight projects

CURELINE BIOPATHOLOGY (CBP) is a research histopathology laboratory located in the San Francisco Bay area (California, USA). We provide high-quality scientific assistance to academic institutions and biopharmaceutical research community addressing our clients' needs in standard histology, histopathology, biomarker R&D, HD tissue slide scanning and digital image analysis for their translational science and precision medicine programs.

Cureline Biopathology was established in 2008 as a part of the Cureline Group, a recognized global leader in human biospecimen biobanking and translational medicine. CBP offers a comprehensive portfolio of tissue research services, provides access to fully consented and annotated human biospecimens and a full spectrum of translational histopathology services including human and animal tissue gross trimming, cryosectioning, standard and custom processing and analysis, comprehensive molecular analyses, and digital pathology.

Our expert team supports CBP clients through consulting and comprehensive services for drug R&D, biomarker discovery, CDx and other precision medicine programs while bringing broad Cureline Group team clinical and scientific expertise.



- Full spectrum of standard histology services (human and animal tissues)
- Comprehensive inventory of HBS (IRB-approved, fully consented), including matching sets of tissues (FF, FFPE) and cells/biofluids (PBMC, serum, plasma)
- Biomarker discovery and validation (IHC, FISH, molecular)
- Custom IHC protocol development (preclinical)
- Custom TMA design and production (Cureline or customer tissues)
- Custom protocols for clinical specimens processing (clinical trials)
- Molecular analytes isolation (RNA/DNA/Proteins) and analyses
- Cross-reactivity Ab screening (normal HBS are available)
- Animal Toxicology studies with Report (US board-certified DVM)
- Pathology Report from a US board-certified MD pathologist (non-clinical)

### **NEW !!! HISTOLOGY SLIDE SCANNING and IMAGE ANALYSIS SERVICES**

- High-definition scanning with 3DHISTECH Panoramic MIDI II slide scanner
- Brightfield or Fluorescence scanning (CBP or customer slides)
  - Scan at 20X or 40X Objective
  - Up to 4 fluorescence channels
  - Whole slide or partial section capture
- FREE unlimited number of downloads for 30 days after completion of a project (cloud storage); extended storage for a small fee
- FREE image transfer to a customer's physical external storage device
- FREE image file format conversion (.MRXS files to .TIFF files)
- Tissue composition and biomarker expression analysis using standard industry software (in-house and outsourced)