

HUMAN BIOSPECIMENS



High quality human biospecimens for development of personalized medicine

||||| HUMAN BIOREPOSITORY ||||| ||||| CUSTOM COLLECTIONS ||||| ||||| COMPANION DIAGNOSTICS |||||



ABOUT CURELINE

Cureline is a biomarker and diagnostics CRO specializing since 2003 in human biospecimen acquisition and tissue research projects including study design, regulatory affairs, clinical network management, specimen collection and analyses, and complete logistics. Our areas of expertise are oncology, immunology, inflammation, cardiovascular conditions, metabolic conditions, infectious diseases/sepsis/HIV.



CURELINE TEAM

All Cureline managers have advanced degrees in life sciences and medicine and are experienced in clinical trial operations, research and healthcare management and international business development.



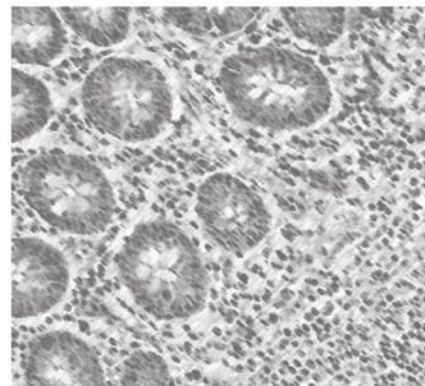
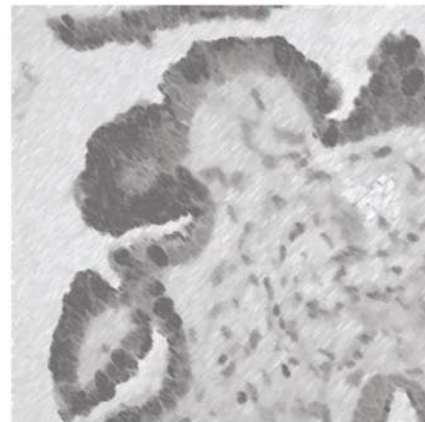
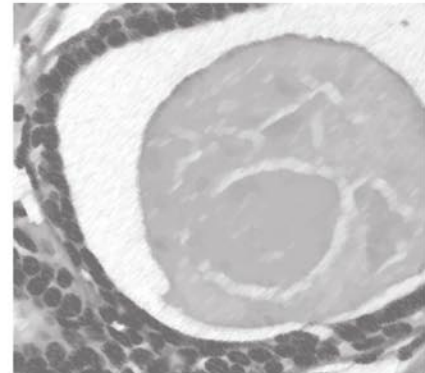
CLINICAL NETWORK

Cureline collaborates on human tissue procurement and clinical studies with leading clinical and academic centers worldwide. We work with over 70 sites in 10 countries to acquire biospecimens and manage laboratory projects in the USA, Europe and China. Cureline encourages research collaborations, presents on international scientific meetings and publishes in peer-reviewed journals.



BIOETHICAL POLICIES

Our team works with IRB and ethical committees to create protocols for human biospecimen collection in compliance with international and local regulations and guidelines. Patient consent forms are developed for each custom study in collaboration with clinical sites and the study sponsor. All specimens procured by Cureline are donated by consented patients and suitable for biomedical research.



HUMAN BIOSPECIMEN REPOSITORY

BIOMARKER DEVELOPMENT ||| MOLECULAR DIAGNOSTICS ||| CUSTOM STUDY DESIGN



Liquid nitrogen system for storage of human biospecimens



STANDARD PROTOCOLS

Cureline procures, ships, stores, analyses and distributes around 100,000 of human specimens every year. Our major biorepository is located in San Francisco Bay Area and high-quality human biospecimens are immediately available to our clients and collaborators. Standard collection protocols are available in oncology, inflammation, hematology, cardiovascular and neurological indications, as well as for normal control tissues and biofluids.



CUSTOM STUDY DESIGN

Cureline Clinical and Tissue Procurement teams work closely with our customers, consulting pathologists and medical experts to create detailed custom study protocols achieving research objectives in the most efficient and cost-effective manner. We address ethical, medical, and technical considerations including patient enrollment criteria, sample format and preparation recommendations, data collection methodology and database entry methods.



THERAPEUTIC AREAS

Cureline is the global service provider for biomarker research and diagnostic specimen collection in oncology (solid tumors, hematology), inflammation, neurological diseases, infectious diseases, and other therapeutic areas. Normal human tissue sets are available for cross-reactivity and other studies.



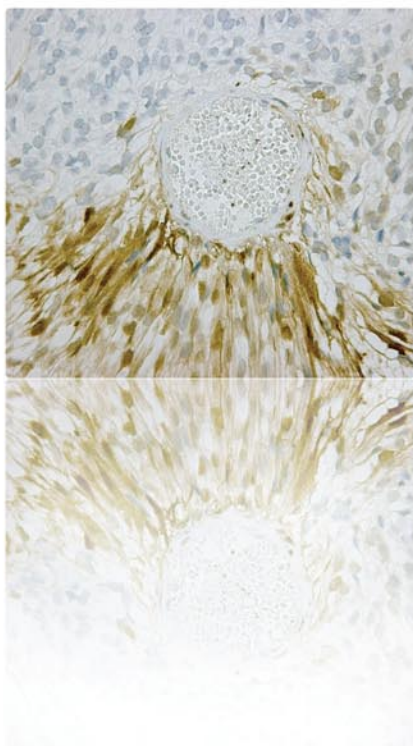
SPECIMEN PREPARATION

We offer clinically annotated human biospecimens in a wide variety of formats including frozen, fresh and fixed tissues, blood, serum, plasma, cellular fractions, RNA, DNA, cerebrospinal fluid and other biofluids.

CLIA / GLP
translational
histopathology
laboratory



STUDY DESIGN ||| ||| CLINICAL SITE MANAGEMENT ||| ||| PROTOCOL DEVELOPMENT ||| |||



Ependymoma
P-ERK



HISTOPATHOLOGY SERVICES

Cureline BioPathology is a translational histology CLIA/GLP laboratory providing high-end tissue research services including IHC protocol development, clinical specimen processing and diagnostics, and digital pathology.



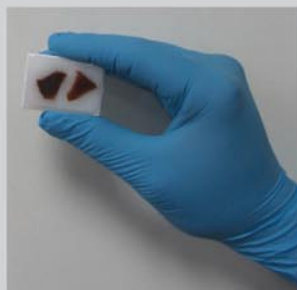
TARGET VALIDATION

We provide high quality IHC services to our customers since 2008. Co-location of two companies and immediate access to the Cureline human biorepository with over 100,000 of human tissue samples allow us to serve our customers with fast turnaround time.



GENOTYPING

Cureline has established collaborations for collection of biospecimens and preparation of human RNA and DNA panels from diseased and normal tissues. Our standard research protocols for human RNA/DNA isolation fulfill the quality requirements for most research methods, including SNP variations and differential expression analysis.



CONSULTING

As the leading commercial human biospecimen CRO Cureline offers expert consultancy services to improve tissue collection efforts: protocol review, site auditing, gap analysis, process improvement and standardization (logistics), site training, ongoing monitoring, and specimen management services.



Your partner for
biomarker and
diagnostics
development

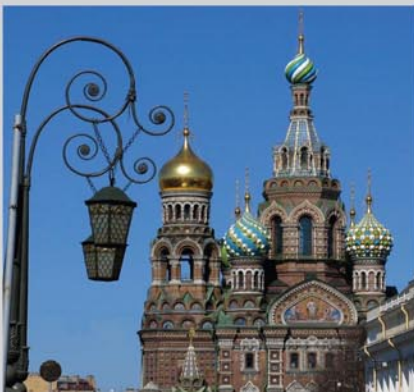
||||| HUMAN BIOREPOSITORY ||||| ||||| CUSTOM COLLECTIONS |||||



- Custom study design
- Human biospecimen repository
- Therapeutics research and development



- Biomarkers discovery and development
- Companion diagnostics
- Molecular diagnostics



- Clinical trial support
- Translational histopathology
- Global project management



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