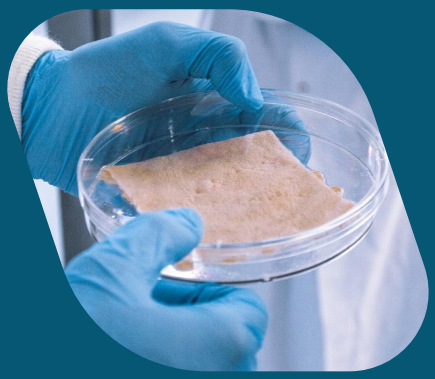
Human Skin Tissues for Research

CTIBIOTECH™ provides human tissues exclusively for research purposes, in full compliance with French and European regulations. Thanks to our extensive network and biosourcing expertise, we ensure a supply of fresh skin from various body locations.

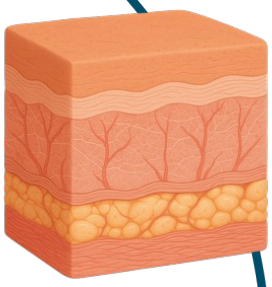
Our team carefully selects both male and female donors, offering a wide range of characteristics to meet the specific needs of each research project. We also provide worldwide delivery to support researchers across the globe.



/© CTIBIOTECH™



- Adult human Skin, Full Thickness (with or without adipose tissue)
- Aged human Skin, Full Thickness (with or without adipose tissue)
- Juvenile human Skin, Full Thickness (with or without adipose tissue)
- Dermatomed Skin (without the derme)



Adult & Aged :

- Skin Disc 2mm to 40 mm
- Skin square 1cm² / 200cm²

Juvenile :

- Skin Disc 2mm to 8mm
- Whole foreskin

Fresh or Flash frozen

FFPE & OCT



- Access a complete range of skin phototypes from the lightest to the darkest



- Human skin samples from male ♂ and female ♀ donors
- Body zones : abdominal, arms, thighs, face, eyelids, adipose tissues

cti BIOTECH™ VISIONARY SCIENCE

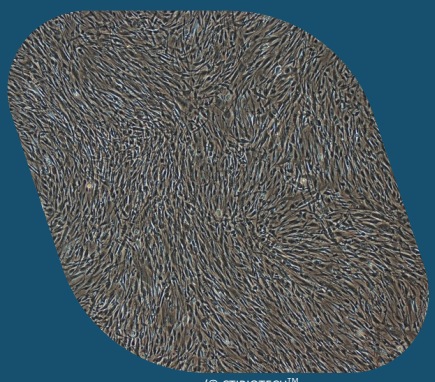
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Primary Human Skin Cells

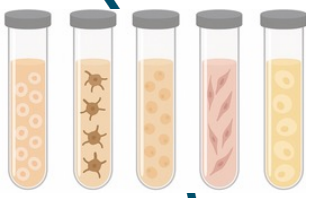
The Skin Cells offered by CTIBIOTECH™ are derived from ethically and securely sourced human skin.
They are cultured and prepared in our laboratories to provide a reliable and high-performance material, suitable for the development of treatments, skincare products, or in vitro studies. Used either alone or integrated into more complex skin models, these cells help to better understand skin mechanisms, test active substances, and simulate pathologies. Readily available and delivered with personalized scientific support, they represent a key solution for innovation in healthcare and dermo-cosmetics.



/© CTIBIOTECH™



- Adult human Skin
- Aged human Skin
- Juvenile human Skin



Adult , Aged & Juvenile

- 1.106 cells
- Fibroblasts, Keratinocytes, Melanocytes, Sebocytes, Adipocytes



Cryopreserved



- Access a complete range of skin phototypes from the lightest to the darkest



- Human skin samples from male ♂ and female ♀ donors

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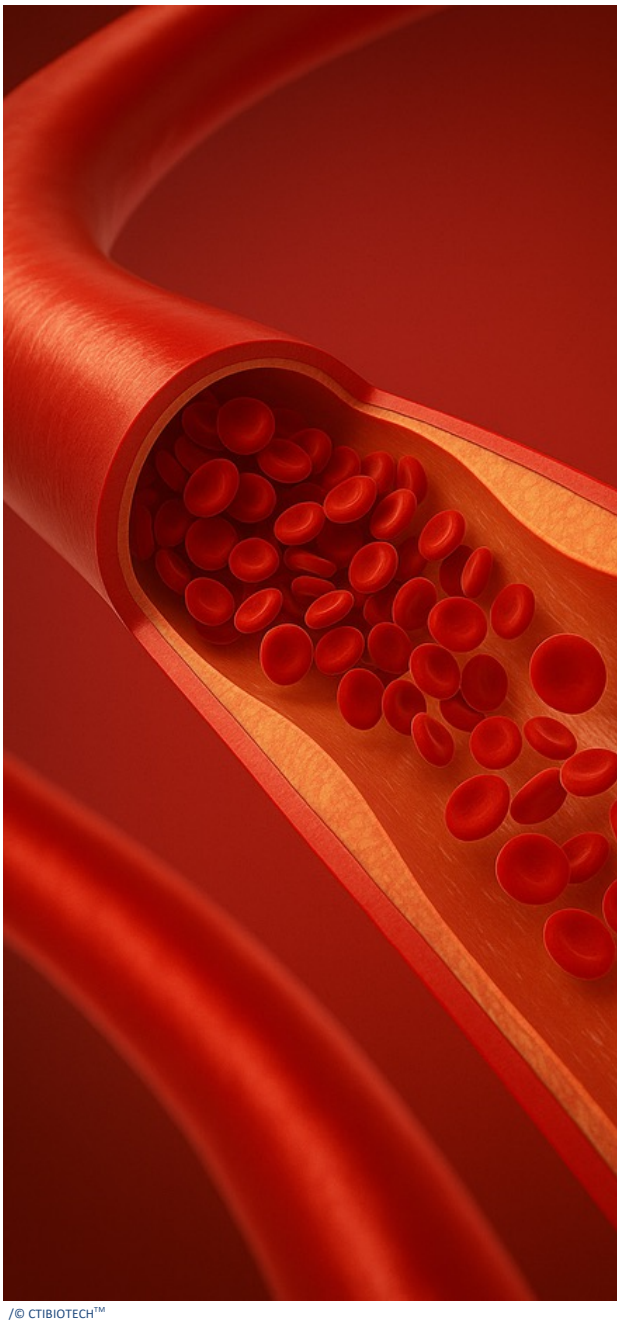
Human Blood: A Vital Resource for Innovative Research

Much more than a vital fluid, human blood is a valuable biological resource for research and innovation in healthcare.

At CTIBIOTECH™, we offer rigorously selected and prepared samples of umbilical cord blood and adult peripheral blood to support laboratories working in immunology, oncology, cell therapy, and personalized medicine.



/© CTIBIOTECH™



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Peripheral Blood

Origin: voluntary adult donors, in partnership with certified centers.

- **HIV, HCV, HBV testing**

Anticoagulant

- CPD
- K2EDTA
- K3EDTA
- ACD
- CITRATE
- NaHep

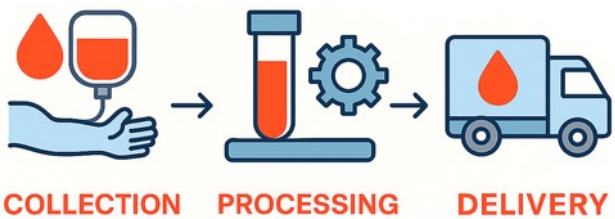
Blood derivatives

- Leuko-Platelets bag
- Whole peripheral blood Collect/Ship same day
- Peripheral blood serum / Pooled donors
- Peripheral blood plasma / Pooled donors
- Peripheral blood Buffy coat
- Peripheral blood Buffy coat on CPD

Cord Blood

Origin: collected at birth (umbilical cord).

- **HIV, HCV, HBV testing**
- Whole cord blood on K2EDTA fresh or frozen : tube
- Whole cord blood Collect/Ship same day
- Cord blood serum / Pooled donors
- Cord blood serum plasma / Pooled donors



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Immune Cells

Biosourcing

independentbiobank.com

High-quality Immune Cells for your research

At CTIBIOTECH, our mission is to provide high-quality biosourcing solutions to support your preclinical research with precision and scientific relevance.

Thanks to our expertise and advanced technologies, we ensure the quality and relevance of these cells, allowing you to study immune responses under conditions close to physiological reality.
By integrating these cells into your research, you gain more reliable and predictive data on the immunological effects of your products. CTIBIOTECH positions itself as a trusted partner committed to supporting your scientific projects with rigor and reliability.

Our Immune cells

We offer a comprehensive range of fresh and cryopreserved immune cells, carefully sourced from adult peripheral blood and cord blood to meet the diverse needs of your preclinical research. Our rigorous quality control processes ensure that each batch maintains high viability and functionality:



PBMC



T-Helper Cells (CD4+)



Hematopoietic stem cell (CD34+)



NK Cells (CD56+)



T-Cells (CD3+)



T-Killer Cells (CD8+)



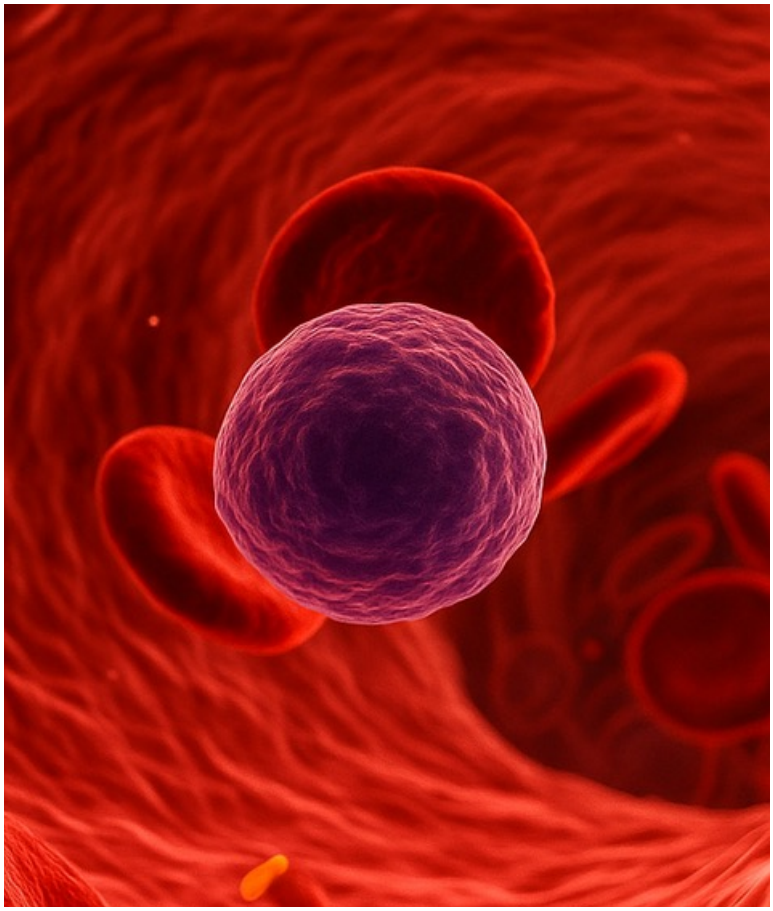
T-Regulatory Cells (CD25+)



Monocytes (CD14+)



B-Cells (CD19+)



/© CTIBIOTECH™

Why Choose Us ?

Quality and purity of cells



Origin and traceability



Reproducibility and reliability



Available in fresh or cryopreserved



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Microtumors

Biosourcing

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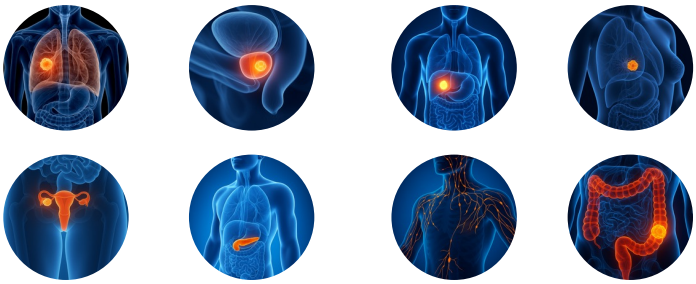
Replicating Microtumor Reality to Better Predict Tomorrow

At CTIBIOTECH, our mission is to deliver high-quality biosourcing solutions to support your preclinical testing with precision and relevance.
Thanks to our expertise and cutting-edge technologies, especially our 3D models deliverable directly to your labs, we can replicate microtumors in their natural environment.
These advanced biological models enable more accurate prediction of your product's response, making CTIBIOTECH a trusted partner throughout your research projects.

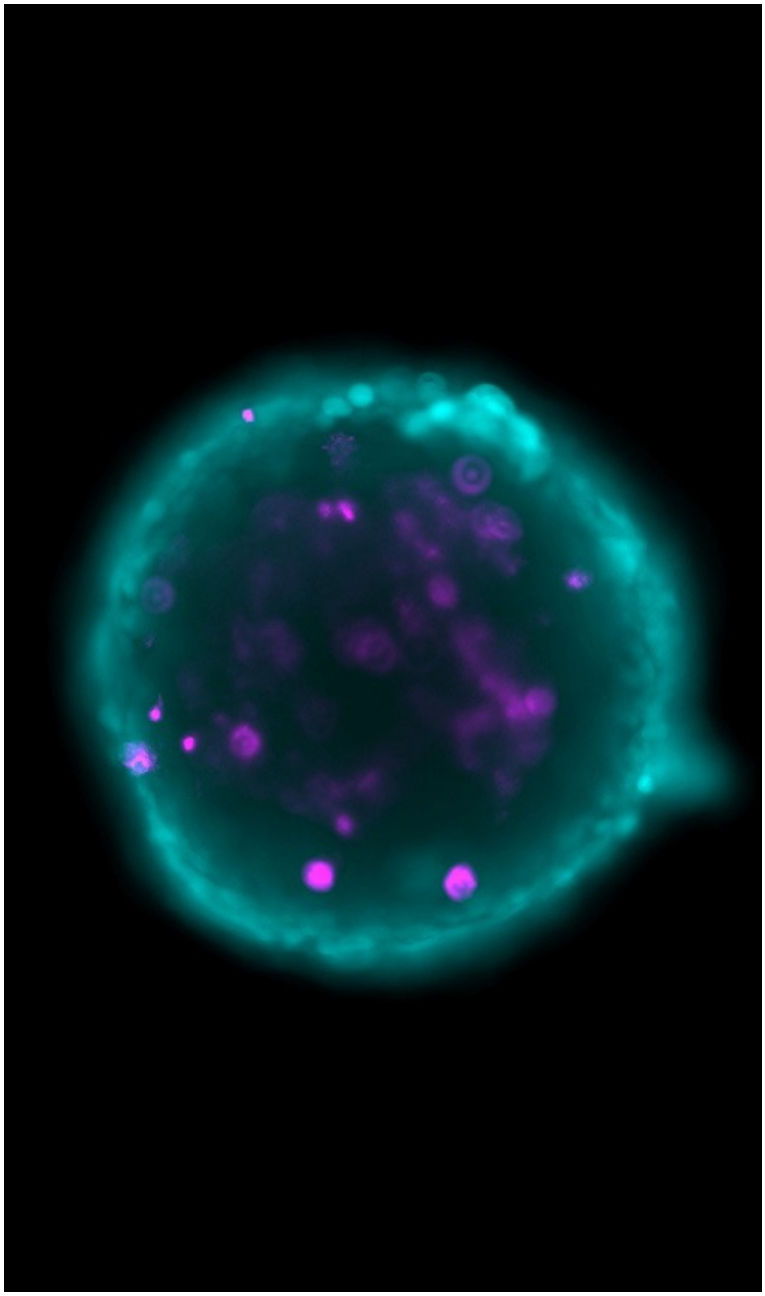
Available Conditions

Our microtumors are selected based on specific criteria to best match your preclinical research needs:

- Cancer Type



- Sex
- Age
- Medical history



/© CTIBIOTECH™, Tumoroids Brest Cancer BRE

Why Choose Us ?

Quality and purity of cells



Origin and traceability



Reproducibility and reliability



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Micro-organ

Biosourcing

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Mimicking Micro-organ Realities for More Accurate Future Predictions

At CTIBIOTECH, our mission is to provide high-quality biosourcing solutions to support your preclinical testing with precision and relevance.

Thanks to our expertise and cutting-edge technologies, including our 3D models deliverable directly to your laboratories, we are able to replicate the complexity of micro-organs in a biological environment that closely resembles the human body. While these models are not perfect replicas, they offer a significantly realistic approximation.

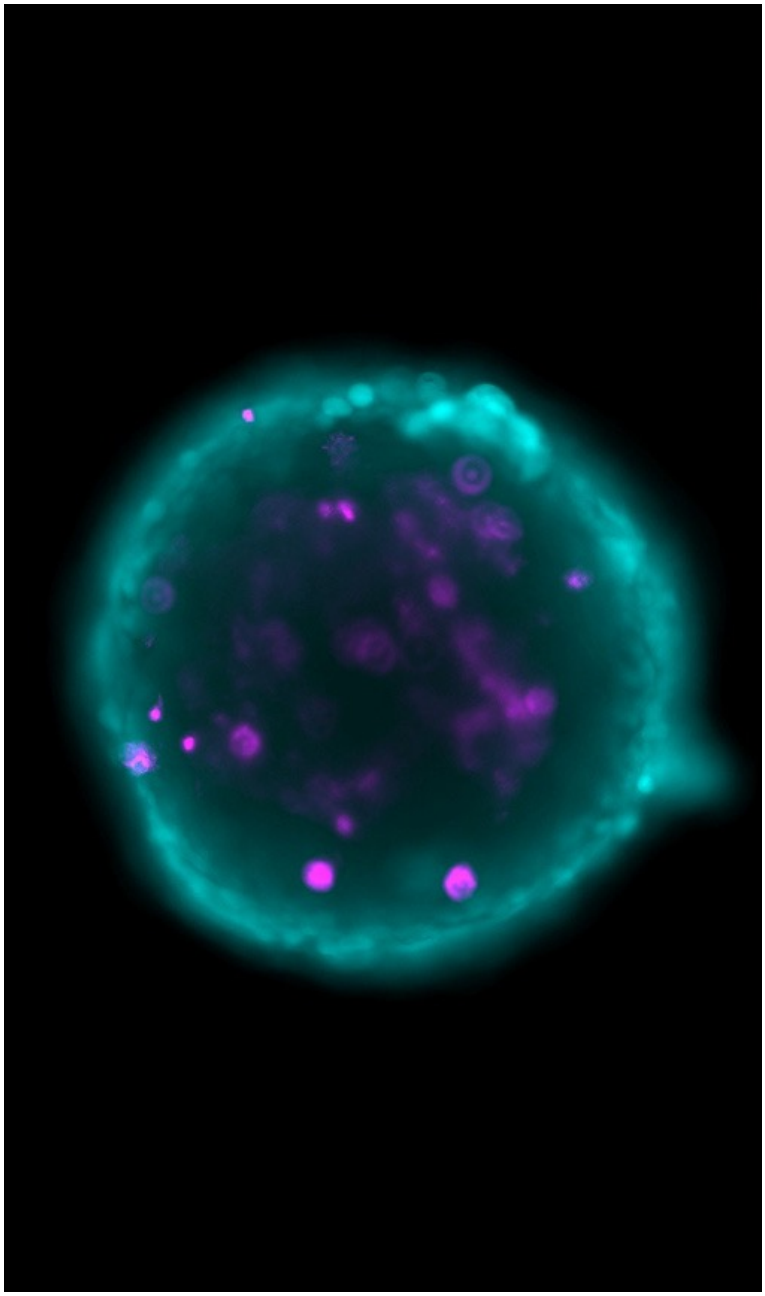
Available Conditions

Our micro-organ are selected based on specific criteria to best match your preclinical research needs:

- Organ Type :

-Pancreas
-Liver
-Skin
-Neuronal
-Mesenchymal
... Upon request

- Sex
- Age
- Medical history



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Why Choose Us ?

Quality and purity of cells



Origin and traceability



Reproducibility and reliability



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Tumor Cells

CTIBIOTECH™ provides human tumor cells exclusively for research purposes, in full compliance with French and European regulations, and all cryopreserved to guarantee optimal quality and reproducibility.
Our team carefully selects both male and female donors, ensuring a wide diversity of tumor characteristics, including cancer type (lung, ovary, pancreas, liver, prostate, lymphoma and more), stage, grade and origin — to meet the specific requirements of every research project. Researchers can access not only primary tumors ex-vivo, but also primary dissociated tumor cells (DTCs) and patient-derived xenograft (PDX) cells, available in defined quantities (0.5×10^6 or 1×10^6 cells) according to their experimental needs.
By offering extensive donor criteria, including sex and medical history, CTIBIOTECH™ supports advanced, personalized approaches to oncology research.

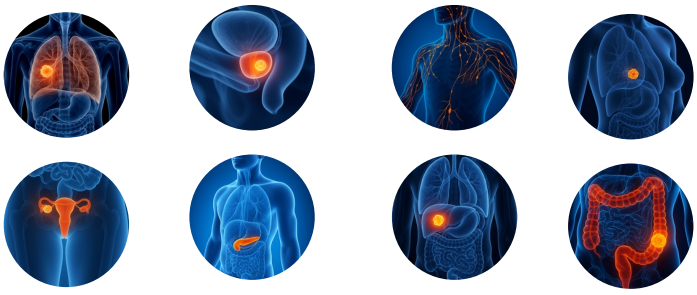
Available Conditions

By offering extensive donor criteria, including sex and medical history, CTIBIOTECH™ supports advanced, personalized approaches to oncology research. PDX cell lines are also available to help replicate the complexity of real tumors and provide more predictive preclinical models.

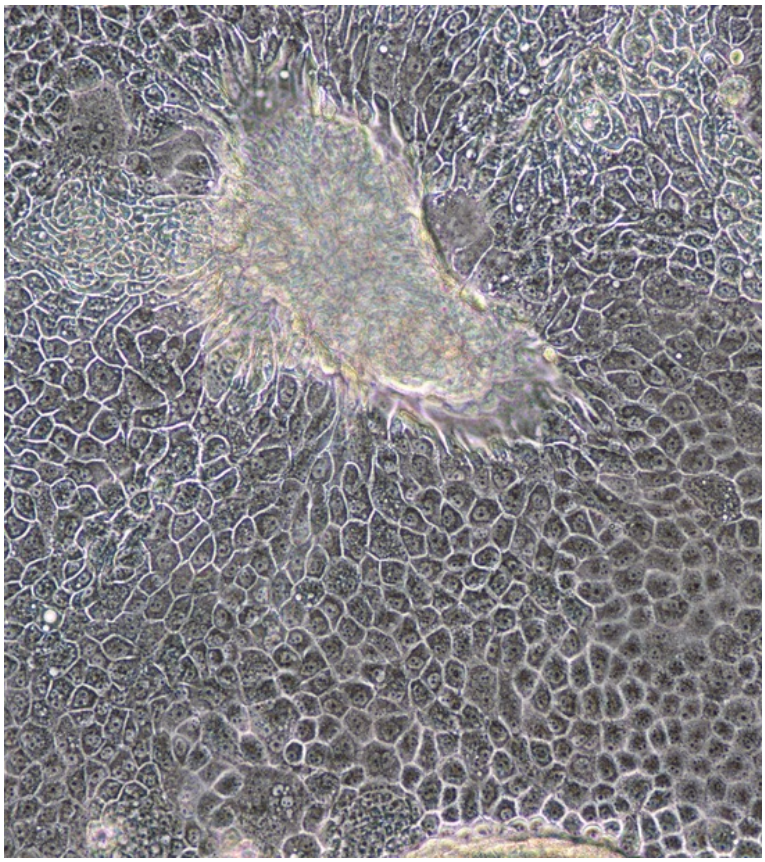
- **Cells type**:

  -Primary Tumor Ex-Vivo,
  -Primary Dissociated Tuor Cells (DTCS),
  -Primary Dissociated PDX Cells
  - Cell Lines PDX)

- **Cancer Type (lung, ovary, pancreas, liver, prostate, lymphoma and more)**



- **Sex**
- **Age**
- **Medical history**



/© CTIBIOTECH™, Cancer Cells PDX

Why Choose Us ?

Quality and purity of cells



Origin and traceability



Reproducibility and reliability



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Optimized Medium for Tumor and Skin Models

At CTIBIOTECH, our mission is to provide high-quality biosourcing and formulation solutions to support your preclinical research with precision and scientific relevance.

Thanks to our expertise and advanced technologies, we develop and supply specialized culture medium tailored to the needs of tumor models and skin-derived cells.
These optimized media ensure the viability, functionality, and relevance of your in vitro models, allowing you to mimic physiological conditions more accurately.

CTIBIOTECH positions itself as a trusted partner, committed to supporting your scientific projects with rigor, innovation, and reliability.

Our Media*

***After opening, the culture media is usable for a period of two months**

Our culture media are specifically developed to recreate a highly realistic human environment, supporting optimal growth of cell models, organoids, and complex tissues.The Lipid Droplet Stimulator can also be added to modulate lipid accumulation in relevant models.

- Medium for Fibroblasts (500ml)
- Medium for Keratocytes (500ml)
- Medium for Melanocytes (500ml)
- Medium for Adipose Tissue Derived Cells (500ml)
- Medium for Sebocyte Growth and Differentation (500ml)
- Medium for Cancer Cell N°1-11 (500ml)
- Lipid Droplet Stimulator (LDS) (500 µL)

*Check the catalog to see the details of the cancers supported by the medium.



/© CTIBIOTECH™, Medium for Adipose Tissue 500ml

Why Choose Us ?

Published Research



40 years experience in medical research



ISO certified



Custom project

services

ctiskin.com



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Why Choose us :



Recognized expertise



Innovative projects



A commitment to ethics and traceability

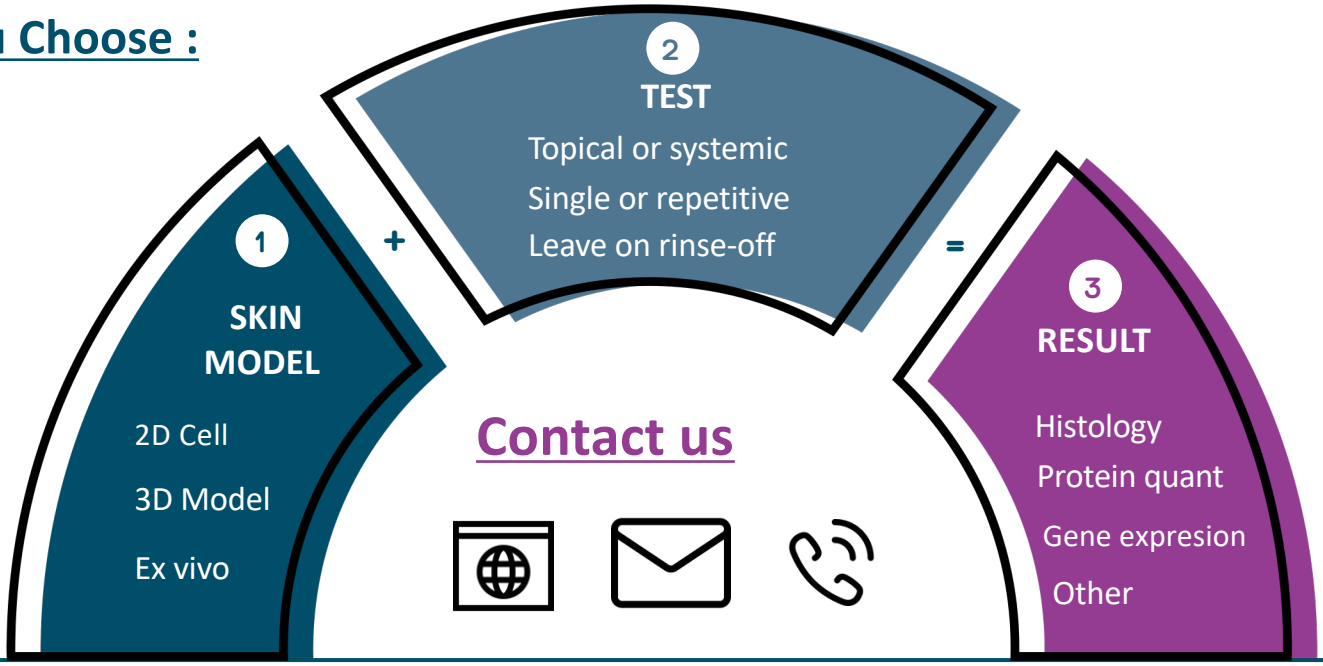
Your Project, Our Expertise

CTIBIOTECH™ supports you in the design and implementation of tailor-made projects, carried out directly in our laboratories.

Our team provides its scientific and technical expertise to develop innovative solutions adapted to your specific needs.

We also assist you in exploring approaches not yet defined by regulations, and in the formulation of your product claims based on solid scientific data.

You Choose :



Contact us

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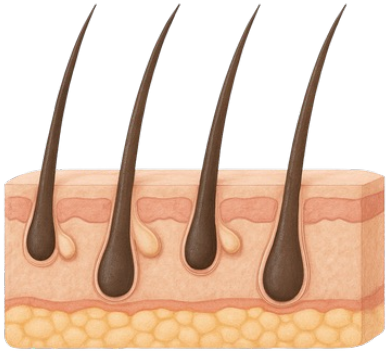


/© CTIBIOTECH™, Hairs Models

Human hair, for your in vitro tests

CTIBIOTECH™ offers human scalp models incorporating hair follicles, isolated sebaceous glands, and individual hairs, developed in our laboratories from bio-sourced human tissue.
These models are designed to meet the needs of the dermocosmetic, pharmaceutical, and academic sectors.
Our models offer a relevant alternative to traditional tests, with better biological representativeness and high adaptability to your research or development projects.

Human scalp with hairs follicles



Fresh or Flash frozen

Human hair follicles (1 hair follicle)



Fresh or Flash frozen

Human Sebaceous gland



Fresh or Flash frozen

Why Choose Us ?



Recognized expertise



Preparation in our equipped laboratories



Solutions adapted to your hair applications



A commitment to ethics and traceability

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High-quality Stem Cells for your research

At CTIBIOTECH, we focus on the powerful capabilities of human stem cells to design and produce complex, functional in vitro models that push the boundaries of biomedical research.

Whether pluripotent, mesenchymal, or adult stem cells, these unique biological sources provide unmatched versatility for recreating key human tissue functionalities under physiological and pathological conditions.

Our stem cells are carefully expanded under controlled conditions and cryopreserved at defined passages to ensure optimal viability, phenotypic stability, and batch-to-batch consistency. Once thawed, they retain full capacity for proliferation and differentiation into relevant human cell types, including epithelial, hepatic, neural, or immune-related lineages.

Our Stem Cells

We source our adult stem cells from ethically obtained human tissues such as bone marrow, dental pulp, and adipose tissue. These origins offer distinct differentiation potentials and immunological profiles, allowing the creation of tailored models for applications in oncology, immunology, regenerative medicine, and metabolic disease.

Through our expertise in stem cell biology, controlled differentiation protocols, and advanced 3D structuring, we deliver biologically meaningful models that closely mimic native tissue organization and function. These models serve as high-value platforms for drug screening, toxicology testing, and disease modelling with enhanced predictability and translational relevance.



Bone Marrow



Adipose Tissue



Wharton Jelly

Why Choose Us?

Quality and purity of cells

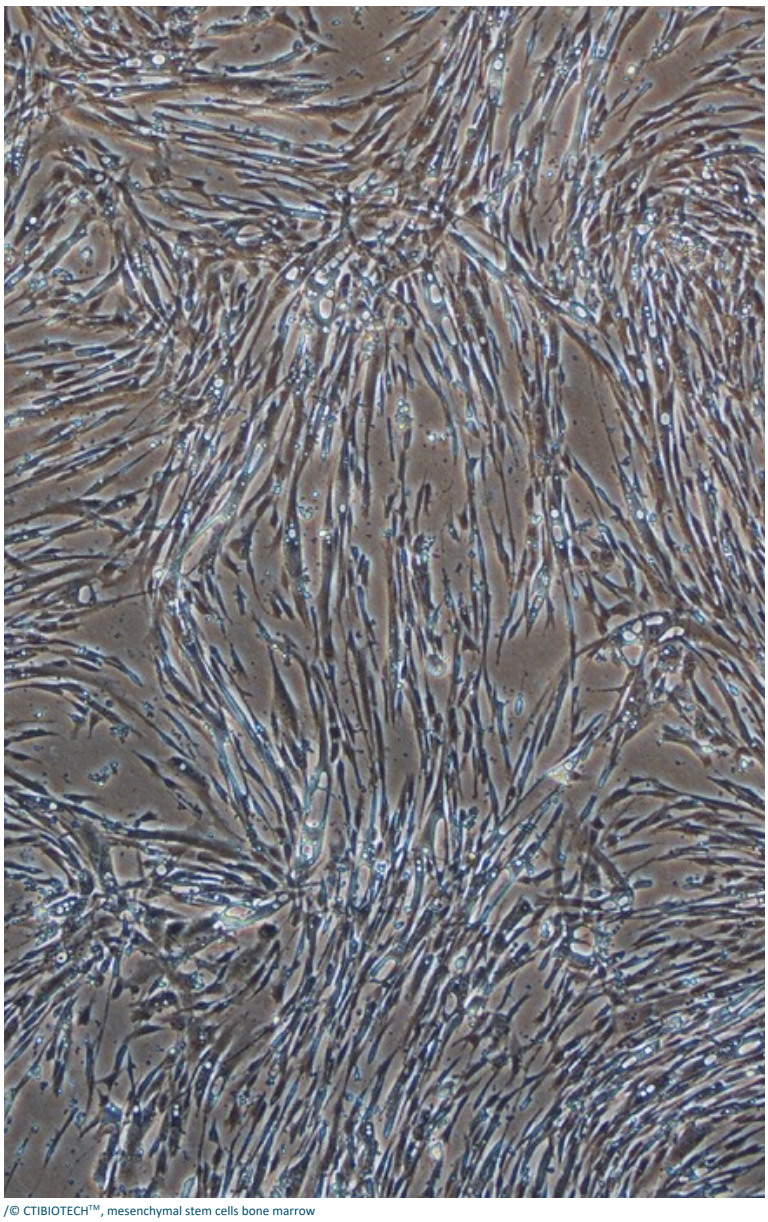


Origin and traceability



Reproducibility and reliability





/© CTIBIOTECH™, mesenchymal stem cells bone marrow



/© CTIBIOTECH™, 3D Models

CTIMICROTUMORS for predictive and personalized medicine

By combining excellence in cancer research, tissue engineering and 3D bioprinting, CTIBIOTECH has developed the building blocks to produce large-scale, reliable, robust, reproducible, predictive, personalized 3D biological models of human tumors in sufficient quantity to accelerate the development of drug candidates for cancer chemotherapy and immunotherapy.

1. Model design
- Cancer type
- Cell types
- 3D design

2. Treatments
- Tumoral toxicity
- Tumor size reduction
- Comparison to known chemotherapy

3. Readouts
- Live dead
- Confocal imaging
- Caspase activity
- Other

The Power of 3D to Drive Your Projects Forward

At CTIBIOTECH, we offer a fully customized service: you choose the test you want to perform, and we carry it out in our own laboratories using our 3D models.
All the steps outlined above are handled by our expert team, according to your specific needs in oncology.
These innovative models, positioned between the limitations of 2D cell cultures and the ethical concerns of animal testing, provide a human-relevant, reliable, and predictive alternative for your R&D projects.

CTIBIOTECH 3D MODELS



3D bioprinted

- Ethics ✓
- Close to human ✓
- Limited cost ✓
- Fast ✓
- Wide choice of pathological models ✓
- Reliable ✓

Contact us to define your project



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