

“ CD34+ Cells from CTIBiosourcing® are isolated from fresh cord blood collected just after birth. Samples are quickly processed upon delivery and directly frozen in adapted medium to assure you the best cell viability. According to the declaration of Helsinki, all blood samples are collected with informed and willing donors who are tested for HIV, HCV and HBC to ensure a negative serotyping.”



## CD34+ Stem Cells For Human Hematopoietic System Reconstitution

### \_Features

- 1M cryopreserved cells / vial (customizable on demand\*)
- High CD34+ purity (> 90%)
- High Cell viability (> 70%)
- Frozen in serum-free cryopreservation media + DMSO
- Certificate of Analysis provided

### \_Suitable for:

\*production lead time may apply

Humanized mice model  
creation

Immunology

Cancer research

Fundamental research

Virology studies

More  
information  
and contact :



# CTIBiosourcing

## Cells and tissues for your research



In a competitive market, ensuring that cosmetics and drugs deliver, is paramount. CTIBiotech provides high quality, specialised cells and tissues for advanced research.

Building on 30 years history in university-hospital research and at CTIBiotech, Pr Colin McGuckin developed a network of 200 healthcare partners. We can, therefore, provide a wide variety of biological samples and tissues including pathological tissues such as cancer primary cells and solar lentigo. In close collaboration with our partners, we are able to deliver fresh biopsies and blood derived products.

Through the biggest French consortium for research against cancer and extensive work in the dermato-cosmetics field, CTIBiotech accumulated a collection of cells and tissues of more than 50 000 samples.

We work only with the highest ethics, our in house biobank is authorised by the French authorities for storage, collection, processing, conservation, transport and distribution. CTIBiotech exclusively works with living human donors that have given informed consent.

Our team provides on demand biosourcing for major companies in the pharmaceutical and dermato-cosmetics industries. We propose samples with specific donor characteristics: age, sex, phototype or body localisation. In stock are also available different types of cells from the same patient (keratinocytes, fibroblast, melanocytes, dermal papilla cells). In cancer and regenerative medicine, we are able to provide cancer cells, associated cells along with supporting data. Medical device compatibility can also be made in house or in your facilities using samples from oral sphere, cornea, Wharton's jelly, MSCs, or meniscus cells. Our team works with many overseas companies and has a wide expertise of handling transcontinental sensitive shipments, while ensuring the preserved quality and freshness of the sample. We work with tested logistics partners and use optimal packaging.



A wide variety of samples in stock. Custom orders for specific cells and fresh tissues. All the products are from human body.

### Pathological

- Breast cancer
- Ovary cancer
- Pancreas cancer
- Lung cancer
- Liver cancer
- Prostate cancer
- Lymphoma
- Atopic dermatitis
- Solar lentigo
- Cancer associated



### Healthy

- Skin, full thickness
- Skin cells
- Dermal papilla
- Subcutaneous adipose tissues
- Neonatal tissues
- Peripheral blood
- Blood cells
- Bone marrow
- Bone marrow cells
- Cornea

The quality of our biosourcing material is controlled to CTIBiotech values. The laboratory practices are of the highest standard, ensuring purity and quality. This is why we propose a quality engagement: if cells are not satisfactory, they will be replaced by others. Our researcher team is also able to train your staff for the culture of a specific type of cells, such as sebocytes.