

Resource Summary Report

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Swiss Biobank

RRID:SCR_004516

Type: Tool

Proper Citation

Swiss Biobank (RRID:SCR_004516)

Resource Information

URL: <http://swissbiobank.com/>

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Description: With expertise in the preservation of biological specimens, Swiss Biobank is a biobank of cell therapy products (stem cells, progenitor). Strategically located in Suisse Romande, the center is accessible 7J/7J, 365 days / year. The laboratories and technology platforms are tailored to international standards. Service is prompt, courteous, and responsive to your needs. The first opportunity to harvest adult stem cells, which is the only type at Swiss Biobank, occurs just after the birth of a baby. The umbilical cord blood and placenta are rich in hematopoietic stem cells and can regenerate all cells in the bloodstream. The cord and placenta tissues themselves contain mesenchymal cells that can be used for the regeneration of connective tissue. The standardized procedures for collecting cord blood units are made by the medical staff of the hospital / clinic according to international standards. The sample is transported by a courier Swiss Medical Biobank in which it is prepared and cryo-preserved by qualified personnel within 24 hours. In the case of public biobanking, cells, tissues, organs are donated and can be used with consent of the donor, a third person for transplantation, or as part of clinical research. The HLA (Human Leukocyte Antigen) is a group of proteins on the cell surface, and specific to each individual. This allows the immune system to distinguish our own cells for foreign elements (pathogens) that are likely to be attacked. Histocompatibility between the donor and recipient is of primary importance in organ transplantation, tissues and / or cells, to minimize the chances of rejection. There is one chance in four that two siblings have the same HLA code.

Abbreviations: Swiss Biobank

Synonyms: swissbiobank.com

Resource Type: biomaterial supply resource, material resource, cell repository

Keywords: stem cell, progenitor cell, cell, adult stem cell, umbilical cord blood, tissue, organ, frozen, cryo-preserved, placenta, umbilical cord, blood, transplantation, research

Related Condition: Birth of baby

Funding:

Resource Name: Swiss Biobank

Resource ID: SCR_004516

Alternate IDs: nlx_50970

Old URLs: <http://www.swissbiobank.com/>

Record Creation Time: 20220129T080225+0000

Record Last Update: 20250407T215431+0000

Ratings and Alerts

No rating or validation information has been found for Swiss Biobank.

No alerts have been found for Swiss Biobank.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.