

Resource Summary Report

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BioEden Tooth Cell Bank

RRID:SCR_000507

Type: Tool

Proper Citation

BioEden Tooth Cell Bank (RRID:SCR_000507)

Resource Information

URL: <http://www.bioeden.com/>

Proper Citation: BioEden Tooth Cell Bank (RRID:SCR_000507)

Description: International private stem cell storage bank to collect, assess and cryogenically store living tooth cells from deciduous baby teeth. Tooth cell banking is a safe, natural and completely noninvasive method of collecting and preserving valuable stem cells which could hold the key to your child's health. Simply enroll, send us your child's tooth when it falls out, and they'll do the rest. Stem cell treatment to repair or replace damaged tissues or organs is the cornerstone of future medical science. Children's milk teeth, (baby teeth) have been identified as a rich source of these stem cells and have the potential to treat some of the worst illnesses and diseases facing people today. Stem cells from teeth (mesenchymal stem cells) are different from those found in cord blood (hematopoietic stem cells). Cord blood cells can be used to treat blood disorders such as leukemia, but stem cells from teeth are different. Stem cells from teeth can be used to grow a range of tissues including bone, nerve, fat, muscle and cartilage and may one day be used to grow entire organs. It is widely believed that stem cells will be used to treat a wide variety of diseases and injuries within the next decade. Their UK facility is regulated by the Human Tissue Authority (HTA), and they hold a full license. They are also registered with the Food and Drug Administration (FDA) in the US. BioEDEN, Ltd is ISO 9001:2008 accredited by the British Assessment Bureau. When you enroll for the BioEDEN service, you will be offered the opportunity to consent to donate any excess cells. BioEDEN will provide these cells to leading academic and clinical research centers to help further the progression of this technology to useful clinical applications. BioEDEN will only provide cells to researchers that have full ethical approval for their research and will be guided by our Advisory team as to the most appropriate research to support. The cells will be donated in accordance with strict regulatory guidelines and anonymity of the donor will be strictly assured at all times. Donation of cells is an entirely opt in service. If you choose not to give consent to donate, BioEDEN will simply store the cells for your child.

Abbreviations: BioEDEN

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

Keywords: clinical, cryopreserved, frozen, stem cell, cell, tooth, mesenchymal stem cell, transplantation, research

Related Condition: Loss of tooth

Funding:

Availability: Public

Resource Name: BioEden Tooth Cell Bank

Resource ID: SCR_000507

Alternate IDs: nlx_25195

Record Creation Time: 20220129T080202+0000

Record Last Update: 20250407T215135+0000

Ratings and Alerts

No rating or validation information has been found for BioEden Tooth Cell Bank.

No alerts have been found for BioEden Tooth Cell Bank.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Chalisserry EP, et al. (2017) Therapeutic potential of dental stem cells. Journal of tissue engineering, 8, 2041731417702531.

Rogers EH, et al. (2017) Comparing Circadian Dynamics in Primary Derived Stem Cells from Different Sources of Human Adult Tissue. Stem cells international, 2017, 2057168.