

Resource Summary Report

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UK Stem Cell Bank

RRID:SCR_004738

Type: Tool

Proper Citation

UK Stem Cell Bank (RRID:SCR_004738)

Resource Information

URL: <http://www.ukstemcellbank.org.uk/>

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Description: The UK Stem Cell Bank was established to provide a repository of human embryonic, fetal and adult stem cell lines as part of the UK governance for the use of human embryos for research. Its role is to provide quality controlled stocks of these cells that researchers worldwide can rely on to facilitate high quality and standardized research. It is also ready to prepare stocks of "clinical grade" cell lines as seed stocks for the development of therapies. The bank exists to establish and make available fully characterized and quality-controlled cell banks. These will be supplied to scientific research teams and eventually to pharmaceutical companies, to enable the development of broad-ranging cell therapies. The bank will support the development of stem cell therapy in the UK by: * Creating and growing a supply of well-characterized stem cell lines for researchers in the UK and abroad. This will allow the research teams to establish the basis for therapeutic applications. * Creating, a bank of stem cell lines, under conditions consistent for the preparation of pharmaceutical products which provide cultures that could be supplied for the production of medicines for human use. For researchers deriving human embryonic stem cell lines in the UK, it is a condition of the Human Fertilization and Embryology Authority (HFEA) license that a sample of all human embryonic stem cell lines derived in the UK must be deposited in the UK Stem Cell Bank. The UK Stem Cell Bank does not collect, process, store or distribute Umbilical Cord Blood either for its own use or on behalf of others. A catalog of currently available stem cells is available or you may search for a particular stem cell.

Abbreviations: UKSCB

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

Keywords: hesc

Funding: MRC ;
BBSRC

Resource Name: UK Stem Cell Bank

Resource ID: SCR_004738

Alternate IDs: nlx_74499

Record Creation Time: 20220129T080226+0000

Record Last Update: 20250412T054918+0000

Ratings and Alerts

No rating or validation information has been found for UK Stem Cell Bank.

No alerts have been found for UK Stem Cell Bank.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Francis N, et al. (2015) Changes in microRNA expression during differentiation of embryonic and induced pluripotent stem cells to definitive endoderm. Gene expression patterns : GEP, 19(1-2), 70.

Geraghty RJ, et al. (2014) Guidelines for the use of cell lines in biomedical research. British journal of cancer, 111(6), 1021.

Zhang R, et al. (2013) A thermoresponsive and chemically defined hydrogel for long-term culture of human embryonic stem cells. Nature communications, 4, 1335.

Vojnits K, et al. (2010) Challenges of using pluripotent stem cells for safety assessments of substances. Toxicology, 270(1), 10.

O'Rourke PP, et al. (2008) Centralized banks for human embryonic stem cells: a worthwhile challenge. Cell stem cell, 2(4), 307.