ATCC | THE ESSENTIALS OF LIFE SCIENCE RESEARCH GLOBALLY DELIVERED™

cell passages

The ATCC Stem Cell Collection includes ready-to-use human induced pluripotent stem cell (hiPSC) lines derived from an array of cell/tissue types using a variety of reprogramming methods, a growing list of human mesenchymal stem cell lines, numerous mouse embryonic stem cell lines, the BT142 mut/- brain tumor stem cell line, and cell culture media, reagents, and feeder cells. All of these are physiologically relevant experimental platforms that researchers can use to explore cell biology in new and meaningful ways.

Join us at the 12th annual ISSCR meeting in Vancouver - Booth #802

The 12th annual meeting of the International Society for Stem Cell Research (ISSCR) will be held June 18-21 in Vancouver, Canada. At the conference, ATCC will highlight a variety of industry-standard products, innovative solutions, and resources, including how to:

- Design better experiments with footprint-free hiPSC “control” lines derived from CD34+ cells from various ethnicities and genders
- Gain rich insights into disease pathophysiology with disease-specific hiPSC lines
- Advance your cancer research with the BT142 mut/- cancer stem cell line

In addition, our scientists will present findings and an in-depth analysis of the proliferation and functions of human mesenchymal stem cells at the ISSCR poster session.

Presenter: Dezhong Yin, PhD, Senior Scientist
Date: Friday, June 20, 2014, 6:00- 8:00 PM, Poster #-3115
Comparative analysis of cell proliferation, immunosuppressive action, and multilineage differentiation of human mesenchymal stem cells from bone marrow, adipose tissue, and umbilical cord blood

We look forward to meeting you at ISSCR!

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News this Month

Stem Cell Collection

ATCC at ISSCR

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hTERT

Human iPS cell line

TransfeX™

Frequently Asked Questions

ATCC Publications

Stem Cell Culture Guide

Stem Cell Solutions Brochure

Stem Cell Solutions webinar

Transfex™

ATCC Photo Contest

Get your ATCC cells ready for their close-ups. ATCC is looking for images that will steal the show! Send us your most beautiful and scientifically stunning images of ATCC cells for a chance to win a $200 American Express® gift card.

Images will be judged for beauty and scientific relevance by your colleagues and a select panel of ATCC scientists. Photo contest winners from the Microbiology Collection and Cell Biology Collection will be chosen as followed:

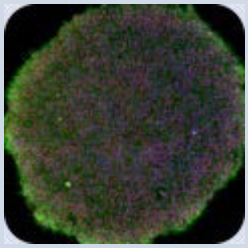
Most Popular Photograph Award – 1 winner per collection
ATCC Excellence Photograph Award – 4 winners per collection

The photo contest is now open, submit your photos today!*

hTERT-Immortalized adipose derived mesenchymal stem cells *Now Available*!

ATCC recently added ASC52telo, hTERT Immortalized Adipose Derived Mesenchymal Stem Cells (ATCC® SCRC-4000™) to our stem cell solutions collection. With the introduction of telomerase, these unique cells have gained an extended life-span while still maintaining their differentiation and immunomodulatory characteristics. As a result, the hTERT immortalized cells are ready-to-use and are highly consistent from experiment to experiment.

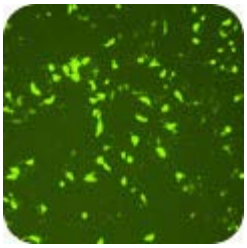
Find more ATCC hTERT cells



New human iPS cell line

KYOU-DXR0109B Human Induced Pluripotent Stem Cells (iPSCs) (ATCC® ACS-1023™), one of the newest additions to our growing iPSC collection, were derived at Kyoto University from dermal fibroblasts obtained from a healthy donor. This cell line is one of the original Yamanaka Retrovirus reprogrammed hiPSCs.

Check out the full list of iPSCs



TransfeX™ – transfection reagent for iPSCs, adult stem cells, and other hard to transfect cells

TransfeX™ Transfection Reagent (ATCC® ACS-4005™) is a cationic lipid formulation that has been optimized for use on a wide range of cell types including cells that are generally difficult to transfect, such as stem cells and primary cells. In addition, the TransfeX reagent has been thoroughly tested to ensure high efficiency, low cytotoxicity, and universal reliability.

Learn more about ATCC protein and virus production solutions.

Q: Is it necessary to keep iPSCs that have been reprogrammed using integration-free methods under selection?

A: No, it is not necessary to maintain integration-free, reprogrammed iPSCs under selection.

However, since iPSCs have a natural tendency to differentiate, the cells require specific culture techniques that balance the promotion of pluripotent cell growth with the inhibition of spontaneous cellular differentiation. For more information, please refer to the ATCC® Stem Cell Culture Guide found on the ATCC website.

Have more questions?

Follow us: Cell biology

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