

Trouble viewing email, click [here](#)



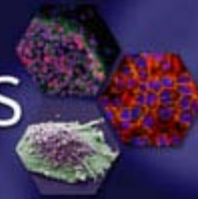
September

2016

Share:



# cell passages



## Drug Discovery Tools

Physiologically relevant cell-based assays are critical for pre-clinical drug development. ATCC provides a vast collection of cell lines and other *in vitro* models needed to investigate the efficacy and safety of new chemical entities for such applications as high-content screening, 3D culture, cytotoxicity, permeability

assays, and receptor-ligand interactions. Additionally, many of these cell lines have been extensively characterized for drug sensitivity, mutational information, mRNA expression profiles, and patient background to facilitate rational drug design.

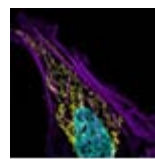
[Browse to learn more.](#)



## FS 6 Cells

The proto-oncogene HRAS functions to regulate cell division

and is frequently mutated in prostate cancer. The FS 6 ([ATCC® CRL-3099™](#)) fibrosarcoma cell line harbors an activated v-Ha-ras transcript fused to the zeta-globin gene promoter. This cell line provides a powerful and convenient model for assaying potential tumor promoters and for testing potential antitumor and antiproliferative agents that might act on the v-Ha-ras pathways.



## Chordoma Cell Lines

Chordomas are relatively slow

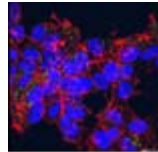
growing, rare neoplasms that arise from the clivus and the sacrum of the spinal cord. ATCC has recently accessioned several cell lines that exhibit several markers of this disease, such as physaliferous morphology, mutations and amplifications in brachyury, and loss of PTEN expression.

We supply everything you need for your chordoma studies:

Get started with your tumorigenesis project:

ATCC® No.	Designation
<a href="#">CRL-3099™</a>	FS 6
<a href="#">30-2002™</a>	DMEM
<a href="#">30-2020™</a>	Fetal Bovine Serum
<a href="#">4-X™</a>	Dimethylsulfoxide

ATCC® No.	Designation
<a href="#">CRL-3217™</a>	U-CH1
<a href="#">CRL-3218™</a>	U-CH2
<a href="#">CRL-3219™</a>	MUG-Chor1
<a href="#">CRL-3267™</a>	JHC7
<a href="#">CRL-3270™</a>	UM-Chor1



## Renal Uptake Screening Tool

ATCC offers OAT1 HEK 293T/17 cells, which stably express organic anion transporter 1 (OAT-1), a renal uptake transporter that plays a key role in the kidney's clearance of drugs and endogenous compounds. This cell line is a superior model for nephrotoxicity screening and renal physiology.

[Order the OAT1 HEK 293T/17 \(ATCC® CRL-11268G-1™\) today.](#)



## STR Profiling Service Critical for Funding and Publication

ATCC's STR Profiling Cell Authentication Service can help with reproducibility issues in your experiments, as well as with your need for cell line authentication for funding, publication, or quality control. Whether you're working with one cell line or storing hundreds in your working cell bank, the STR Profiling Cell Authentication Service has made it easy to routinely check the purity of your human cell cultures.

For more information visit [www.atcc.org/str](http://www.atcc.org/str), or view our [informative video](#).



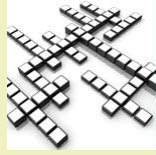
## Webinar: Keeping Cells Happy – Topics in Cell Health Maintenance and Viability

Presenter: Steve Budd, M.S., *Product Line Business Specialist*, ATCC  
September 29, 12:00 PM ET.

**Abstract:** Good practices in cell health are vital to obtaining reproducible experimental results. Cell health covers a wide range of topics, from ensuring that your cells are thriving in culture to having confidence that they are characterized correctly. This webinar will

explore topics such as cell viability assays, authentication of cell lines via short tandem repeat profiling and mycoplasma detection, as well as aseptic technique and cryopreservation. From services to techniques, we will discuss ATCC's role in safeguarding the health of cells in culture.

[Register for this session.](#)



## ATCC Puzzle

Try this [month's crossword puzzle](#)

and test your knowledge of Drug Discovery! The solution will appear in next month's issue.

For the solution to last month's Toxicology Trap puzzle [click here](#).

## Publications

- Poster: [Establishment and Characterization of a Kidney Drug Interaction Model](#)
- [XTT and MTT Cell Proliferation Assay Kits](#)
- [Development and Characterization of an \*In Vitro\* Co-culture Angiogenesis Assay System](#)
- Webinar: [Neural Progenitor Cells – Toxicological Models for the 21st Century](#)
- [Keratinocytes Differentiate into Epidermal Structures in 3D Organotypic Culture](#)



## Frequently Asked Questions

Q: How were the OAT1-HEK ([ATCC® CRL-11268G-1™](#)) cells generated?

A: The OAT1-HEK cells were generated by stably transfecting 293T/17 [HEK 293T/17] ([ATCC® CRL-11268™](#)) cells with cDNA for human organic anion transporter 1 (hOAT1) following selection with blasticidin. OAT1-HEK cells should be maintained with blasticidin added to the medium to ensure that the cells do not lose hOAT1 expression.

[Have more questions?](#)

Cell Biology Collections

Cell Line Authentication

---

Facebook

---

Cell Biology Resources

---

Cell Culture Conversation

ATCC - 10801 University Boulevard, Manassas, VA 20110

© 2016 American Type Culture Collection. The ATCC trademark and trade name, and any other trademarks listed in this publication are trademarks owned by the American Type Culture Collection unless indicated otherwise.

To receive emails from ATCC, please take a few minutes to update your profile [click here](#).

To Unsubscribe, [click here](#).

[Privacy Policy](#).