



ATCC Showcases Extensive Cancer Research Solutions for the Creation of Biologically Relevant *In Vitro* Cancer Models at AACR Annual Meeting 2014

Fully characterized and authenticated cell products assure data reliability and reproducibility

Manassas, VA, April 2, 2014 – ATCC, the premier global biological materials resource and standards organization, will feature its comprehensive portfolio of cancer research solutions for the creation of biologically relevant *in vitro* cancer models during the AACR Annual Meeting 2014 in San Diego, California. ATCC maintains the largest collection of cells lines characterized and authenticated for use by the cancer research community. AACR meeting attendees visiting ATCC at Booth #2319 will find beneficial information on cell lines, Tumor Cell Panels, human telomerase (hTERT) immortalized cell lines, stem cells, human primary cells, and reagents that are essential tools for research on cancer heterogeneity, disease mechanisms, biomarkers, and drug discovery.

Data reproducibility in preclinical cancer research has gathered special attention at this year’s meeting. Since it was entrusted with its first cell line in 1962, ATCC has been the leader in cell authentication and safeguarding the identity and traceability of cell lines. Today, ATCC houses over 4,000 fully characterized and authenticated cell lines to support the global cancer research community in understanding how cancer manifests itself and discovering effective treatment options.

Another hot topic at this year’s meeting is cancer heterogeneity and its implication on biomarker research and the development of targeted cancer therapy. ATCC has an extensive collection of biological resources, including tumor cell lines, hTERT immortalized cells, primary cells, human induced pluripotent stem cells (iPSCs), and cell culture reagents that researchers can use to understand and combat this complicated disease. Moreover, ATCC has also developed a variety of Tumor Cell Panels, categorized either by the tissue origin/cancer type or by the molecular pathway. In particular, the ATCC Molecular Signature Panels consist of authenticated cell lines containing cell pathway-specific mutations that have been experimentally validated for genetic alterations, protein expression, and cell functionality. These panels provide solid experimental platforms for cancer research and drug discovery.

“Data reproducibility, particularly within cancer research, is a pressing issue that impacts our ability to successfully translate benchside discoveries into bedside clinical technologies,” said Mindy Goldsborough, Ph.D., the Vice President and General Manager of ATCC Cell Systems. “We are pleased to offer the widest selection of authenticated cell types backed by ATCC’s long history of quality.”

To learn more, please visit Booth #2319 at the AACR Annual Meeting 2014. If you are not attending this year’s meeting, please visit us online at www.atcc.org/trust or contact ATCC technical service representatives toll free in the US at 1-800-638-6597; for international inquiries, please call +1-703-365-2700.

About ATCC

ATCC serves and supports the scientific community with industry-standard products and innovative solutions. With the world's largest and most diverse collection of human, animal, and plant cell lines, as well as molecular genomic tools, microorganisms, and biological products, ATCC is a trusted biological resource for the worldwide research community. Together, the people of ATCC share in its mission to acquire, authenticate, preserve, develop, and distribute biological materials and information for the advancement of scientific knowledge. ATCC is a non-profit organization with headquarters in Manassas, VA.

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