

HAPPY NEW YEAR

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FROM ALL OF US AT ECACC!



New products! Anti-oestrogen resistant cell lines

Ximbio (Cancer Research Technology, UK) has announced the availability of anti-oestrogen resistant breast cancer cell lines from the research of Dr Anne Lykkesfeldt at the Danish Cancer Society. These cell lines have been developed, characterised and published for a number of subtypes of the parental human breast cancer cell lines MCF-7 and T47D, which demonstrate resistance to both first-line (tamoxifen or aromatase inhibitor) and second-line (fulvestrant) hormone-dependent breast cancer treatments. Both parental cell lines, MCF-7 and T47D, are dependent on oestrogen for growth and as a result the oestrogen receptor (ER) has become a key target for clinical therapies. The anti-oestrogen resistant cell lines have the potential to be utilised as novel models for, understanding molecular mechanisms of drug-resistance in cancer, identifying biomarkers of therapeutic response and developing new anti-cancer drugs.

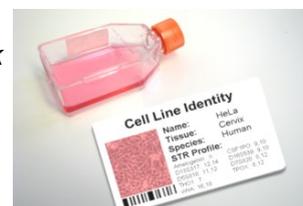
[Find out more](#)

STR Profiling from ECACC

Are you confident about the identity of your human cell lines? *Confident enough to risk your professional reputation?*

Are you about to publish your research in a leading journal? *How will you prove the authenticity of the cell lines you used?*

Are you applying for a research grant or career development award? *How will you ensure the identity of your cell lines?*



Human cell line STR Profiling from ECACC will confirm the identity of your cell lines, giving you and your peers, confidence in your research.

The process is simple, just spot the card with your sample, return by post in the envelope provided and you will receive a result with 7 days of receipt of sample. At **£135** per test STR profiling is an inexpensive, quick and easy way to ensure the authenticity of your cells.

[Find out more](#)



EBiSC survey

EBiSC is gathering data on the use of induced pluripotent stem (iPS) cell lines in research. Fill in the survey for the chance to win a free iPS cell line!

www.surveymonkey.co.uk/r/EBiSC

Fast track training course



22-23 March 2017

Our two day introductory course has the overall aim of ensuring scientific reproducibility through standardised cell culture. It is delivered by ECACC at partner facilities who are able to provide the laboratory facilities and accommodate a number of delegates.

It has a mix of lectures and hands-on practical activities and is aimed at busy researchers who use cells in their work.

[Find out more](#)

Meet the team!

Alex Hiscott

ECACC Operations Manager

Alex manages ECACC laboratory operations including cell banking, quality control and custom contract work.



Time served with ECACC: 16 years

Three quick facts about Alex!

- has two kittens called Spike and Freddy
- big Liverpool FC fan
- karaoke song of choice would be Bohemian Rhapsody, by Queen!



Win a place on our Fast-track Cell Culture training course, worth £595!
[Fill in our crossword](#) and send it in to us to be in with a chance of winning.
(hint hint: all the answers can be found in previous editions of ECACC News!)

FBS Screening

ECACC currently offers several thousand cell lines to researchers. The majority of these require serum for growth, which presents the problem of deciding on a suitable supply. Many laboratories batch test sera by setting up multiple cultures, and then performing cell counts at fixed time points. This is both time consuming and requires at least duplicate counts at every time point to provide sufficient accuracy. At ECACC we have developed an automated method using an IncuCyte live cells analysis system. This not only produces a continuous growth curve, but can also show subtle differences in a serum's ability to support growth for any chosen cell line that attaches to a cell culture vessel.



[Find out more](#)

[Check out ECACC's most recent cell line additions](#)



YouTube

[Download the ECACC brochure](#)

www.phe-culturecollections.org.uk/signup

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