

ECACC news

May 2017

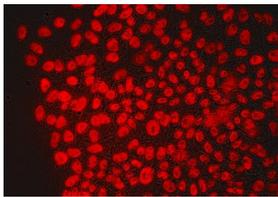


[Catch up on previous editions of ECACC News](#)

ECACC top tips: growing cultures

Q: What advantages are there for me to order a cell line as a growing culture?

Scroll down for the answer...



10 Years of Human Induced Pluripotent Stem Cells: From Theory to Accessible Research Tools

In 2006 Professor Shinya Yamanaka first presented the work of his team showing that just four transcription factors were required to transform a skin cell into a pluripotent stem cell. This technology is now called reprogramming and the cells generated from its use are termed induced pluripotent stem (iPS) cells.

[Find out more](#)

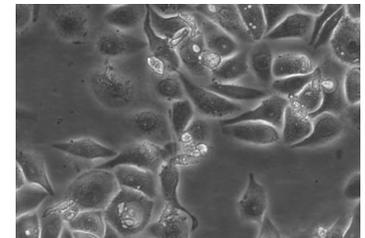
Our Fast-track Cell Culture training course in July still has spaces [reserve your space now!](#)

Already an expert? Want to showcase your products or skills? [Contact us to find out more about course sponsorship](#)

Cell line profile - Bob

Bob was the first spontaneously immortalized prostate cancer cell line to be established from a trans-rectal needle biopsy (TRBP) of a patient with castration-resistant prostate cancer (CRPC). Bob is a novel pre-clinical model for functional studies in CRPC and especially for studying the CRPC "basal" phenotype. This cell line is cultured in serum-free culture medium.

[Find out more](#)



[Find more cell line profiles here](#)

ECACC: Supporting life science research and technology transfer



For many years ECACC has worked closely with UK Research Councils, charities and universities' Technology Transfer (Tech Transfer) offices to increase the range and relevance of the cell lines available from ECACC for life science research. By working closely with a single contact within a research establishment we are able to fast-track new cell lines into ECACC, making them available for the wider research community as quickly as possible. Not only does this benefit researchers who are striving to

deliver potentially improved outcomes for health and disease prevention, but also provides a global profile for the depositing scientists and their associated publications.

[Find out more](#)

ISSCR 2017
ANNUAL MEETING

International Society for Stem Cell Research Annual Meeting
14-17 June

Dr. Sharon Bahia and Dr. Bryan Bolton will be on stand 844 - come and find out more about ECACC's collection of stem cells

[ISSCR 2017](#)



Webinar with Professor Stefan Przyborski
New date! Friday 30 June

"Advanced Cell Culture Technology for Generation of In Vivo-like Tissue Models"

Key areas covered:

- 2D vs 3D cell culture debate
- Review of alternative approaches and the development of new technologies
- Challenges facing 3D culture methods, in terms of technologies available and methods used
- Showcase applications where 3D technology makes a difference
- Future perspective for 3D cell culture technology and further development [Find out more](#)

Meet the team!

Dr. Bryan Bolton Head of Business Development and External Communications
Time served with ECACC: 30 years



Three quick facts about Bryan!

- keen kitchen gardener
- likes amateur dramatics and singing particular highlight was performing at the Minack Theatre, Cornwall in 2015
- used to live in Germany

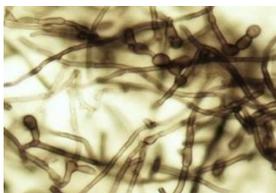
ECACC top tips: growing cultures

A: Ordering a cell line as a growing culture means that the cell culture specialists at ECACC resuscitate the frozen cells and establish them into culture. The cells you receive will be in the best possible condition for you to continue to culture to create your own stocks or to transfer into your experiments.



For further information about ordering cell lines as growing cultures please contact [Culture Collections Technical Support](#)

Other news...



[NCPF in Research: A new species responsible for black grain mycetoma has been identified](#)



[NCTC must endure as a dynamic collection of bacteria](#)



EBiSC Virtual Training Library Learn more about the recommended EBiSC Standard Operating Procedures (SOPs) for handling iPS cell lines through five [new training videos](#) available on the EBiSC website.



HipSci – Nature publication
Read about the generation, genotyping and phenotyping of the HipSci iPSC lines in [Nature](#). The collection constitutes over 700 lines which have been derived from 301 healthy individuals. The [HipSci collection](#) is exclusively available from the ECACC catalogue.

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



[Download the ECACC brochure](#)

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