



Research & Innovation 2017

Cells as Models of Disease & New Therapeutics
29th - 30th March 2017, HOMERTON COLLEGE, CAMBRIDGE

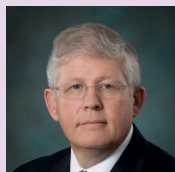
Physiologically Relevant 3D Models & Scale-Up

Cellular science has played a pivotal role in both fundamental research and drug discovery for over a century. Throughout this period, great advances have been made in how cells are cultured and manipulated in vitro so as to provide models as physiologically relevant as possible. Consequently, whole tissue and 3-dimensional (D) cell culture technologies are being rapidly adopted in vitro as a means to better mimic in vivo settings. Emerging data using these technologies is increasing our understanding of cellular viability and growth, differentiation and signaling in spheroid, organoid or tissue assemblies, thereby providing a better understanding of physiological and pathophysiological processes and, ultimately, underpinning new approaches for optimizing the development of new therapies.

In this session, speakers from leading academic and pharmaceutical institutions will cover established and emerging aspects of whole tissue culture, with a focus on innovative approaches in basic cellular and tissue physiology that are applicable to, or being utilized, in translational research and drug discovery arenas.

SESSION CHAIRS: Margaret Ashcroft, University of Cambridge & Richard Eglon, Corning

PLENARY KEYNOTE SPEAKER



Richard Eglon
Vice President and General
Manager at Corning Life
Sciences

CONFIRMED SPEAKERS

Alison Lloyd (UCL)
Lorraine O'Driscoll (Trinity College, Dublin)
Martin Miller (Cambridge Institute)
Gary Allenby (Aurelia Bio)
Paul Andrews (University of Dundee)
Jon Roffey (Cancer Research Technology)
Radek Polanski (AstraZeneca)

CALL FOR POSTERS

For an opportunity to present your research in one of our Poster Taster sessions, submit your abstract by **17th February 2017**.

The deadline for general poster abstract submission is **17th March 2017**.

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