

ETCS One Day Meeting

Genetic Interventions in Cell Culture; Technologies & Applications

Date: 1st April 2009, Registration 9.30am

Venue: University College London



Target Audience: This course is aimed at scientists in academic and commercial organisations who have a basic training & good aseptic technique and want an updated review of techniques for genetic manipulation of mammalian and insect cell lines in culture and their current application.

Objectives: To provide a one day program of lectures presenting an updated review of techniques for genetic manipulation of mammalian and insect cell lines in culture and their current application.

Time	Title & Speaker (40 min + 5 minutes Q&A each)
10.00-10.45	Synthetic formulations for the genetic manipulation of cultured cells Stephen Hart, PhD, UCL Institute of Child Health
10.45-11.30	Electroporation and Ultrasound enhanced non-viral gene delivery in vitro and in vivo Dominic J Wells, PhD, Imperial College London
11.30	Refreshments + Exhibitors
11.45-12.30	The use of viral delivery technologies: An overview of viral vectors available for transducing cell lines, primary cells and in vivo work JL Howarth, PhD, University of Bristol
12.30-13.15	New developments in the baculovirus expression system Richard B Hitchman BSc PhD, Oxford Expression Technologies Ltd
13.15	Lunch + Exhibitors
14.00 – 14.45	Precise regulation of transgene expression level and control of cell physiology Dr. Tobias May, Helmholtz Centre for Infection Research, Braunschweig, Germany
14.45 - 15.30	Genetic interventions in mammalian cells; applications and uses in High-Throughput Screening and Drug Discovery Sally Hampton PhD, Vantia Ltd, Southampton
15.30	Refreshments + Exhibitors
15.45 - 16.30	RNA Interference: Applications and High-Throughput Screens Darren Burgess, Breakthrough Breast Cancer Research Centre, Institute of Cancer Research
16.30 - 17.15	Adeno-Associated Virus -based Targeted Gene Addition to Embryonic Stem Cells Michael Linden, London School of Medicine at Guy's, King's and St Thomas' Hospitals
17.30	Close

Travel Information

The Seminar shall be taking place in the Refectory with exhibitors and refreshments in the South Cloisters. The easiest point of access for all delegates shall be through the UCL Front Lodge on Gower St (Opposite The Cruciform).

The closest underground stations are Euston Sq on the Circle, Metropolitan and Hammersmith & City lines. Goudge St Station on the Northern Line and Warren St Station on the Northern and Victoria Lines.

