



Introductory course on translational research

A general introductory course based on translational research in Europe following the sequencing of genomes

July 8th and 9th, 2010

In the light of the continuous development of medicine, the XENOME EU network is delighted to support 5 scholarships for junior investigators (<40 years of age) involved in basic or clinical research and coming from around the EU. The purpose of this project is to introduce some aspects of translational research of general interest as well as those surrounding the XENOME activity on xenotransplantation. The impact of genome sequencing projects and the development of new technologies will be discussed, while practical demonstration of bioinformatics related to genome projects will be given.

The course will take place on the 8th and 9th of July 2010 at Glasgow Caledonian University, Glasgow, UK. The applications should include a short curriculum vitae and a description of the main clinical and/or scientific activities being undertaken (max 3 pages or 200 Kb). Knowledge of English is a prerequisite.

Applications must be sent within the deadline of May 28, 2010 by email to the address below.

The selection of the application forms will be made by an especially appointed scientific commission.

XENOME will support:

- *travel and accommodation expenses for the selected trainees;*
- *lunch and coffee for the two day workshop*
- *attendance at the participants dinner on the 8th July.*

Priority in the selection will be given to candidates from economically disadvantaged countries, in order to pursue the XENOME mission of addressing disparities in the dissemination of knowledge.

For application form please contact Claire Crossan – claire.crossan@gcal.ac.uk

Please note that this workshop is open to all who wish to attend but we will only provide financial support for the successful applicants as detailed above. Registration is free for the workshop however a maximum of 15 additional participants will be accepted for the practical session. To register for attendance please contact Claire Crossan.

Date	Time	Speaker	Title
08/07/10	09.00		Introduction to workshop
	09.10	*Y Takeuchi UCL, London, UK	Sequencing of the porcine genome.
	09.50	V McErlane/R Hector Sistemic UK.	Harnessing the power of miRNA!
	10.20	Coffee break	
	10.50	P Herzyk Glasgow University, UK	Should we all go digital? Comparison of microarrays and next generation sequencing as tools for transcriptome interrogation.
	11.20	D Onions Bioreliance, UK	Massively parallel sequencing: a new technology in virus discovery and the safety evaluation of vaccines.
	12.00	Lunch	
	13.00	*C Bauser GATC	Lecture and Practical class: Next generation sequencing and DNA sequence analysis
	17.00	Close of day	
	17.30	Evening dinner	
09/07/10	09.30	*D Dufrane UCLou, Belgium	Pig islets for xenotransplantation: islets physiology to <i>in vivo</i> functionality
	10.15	*M Soares Gulbenkian Institute of Science, Portugal	Translating the protective effects of heme catabolism into therapy for immune mediated inflammatory diseases.
	11.00	Coffee break	
	11.30	*B Petersen FLI, Hannover	Transferring human genes into the porcine genome: Transgenic pigs for xenotransplantation.
	12.15	J Gow GCU, Glasgow,UK	Polymorphic Short Tandem Repeat Assay for the Identification of Chimeric DNA Profiles in Criminal Casework.
	13.30		Close

Location: CPD01, CPD Building opposite ARC recreation centre,
Glasgow Caledonian University, 70 Cowcaddens Road,
G4 0BA, Scotland, UK.

Workshop on the 8th July will be in Room M608. George Moore Building, Floor 6.