

Infinium 450k Methylation Array Analysis Workshop



Friday 20th April 2012, 9am –5:30pm
University College London, Roberts Bldg 106
Drinks Reception 6-8:30pm @ UCL Cancer Institute



- 9:00 Tea/Coffee/Pastries Registration – Roberts Foyer
- 9:30 Welcome
Tiffany Morris, *UCL Cancer Institute, UK*
- 9:40 Introduction to the 450k Platform
Robert Lowe, *Queen Mary University of London, UK*
- 10:00 **Rafael Irizarry**, *John Hopkins University, USA*
- 11:00 Tea/Coffee/Biscuits – Roberts Foyer
- 11:15 Statistical issues in Illumina 450k data
Andrew Teschendorff, *UCL Cancer Institute, UK*
- 11:45 Comparison of normalization methods for Illumina 450k data,
Pei-Chien Tsai, *Kings College London, UK*
- 12:05 The effect of different normalization techniques on the outcome of 450k analysis,
Wouter den Hollander, *Leiden University Medical Centre, the Netherlands*
- 12:30 Lunch – Roberts Foyer
- 1:30 Development of a 450k pipeline using 5 datasets (300 arrays)
Leonard Schalkwyk, *Kings College London, UK*
- 1:50 Locus focused visualization of EWAS and GWAS data in large clinical cohorts,
Arne Mueller, *Novartis Institutes for BioMedical Research, Switzerland*
- 2:10 DNA Methylation Profiling of Adipose Tissues in Twins – The MuTHER Study
Eshwar Meduri, *Wellcome Trust Sanger Institute, UK*
- 2:30 DNA methylation profile of Alzheimer's disease brain areas
Kelly Rabionet, *Center for Genomic Regulation, Barcelona, Spain*
- 3:00 Tea/Coffee/Biscuits – Roberts Foyer

3:15 Using 450k Data to Estimate Copy Number
Andrew Feber, *UCL Cancer Institute, UK*

3:45 **Illumina** To be confirmed

4:05 Discussion

5:00 Closing

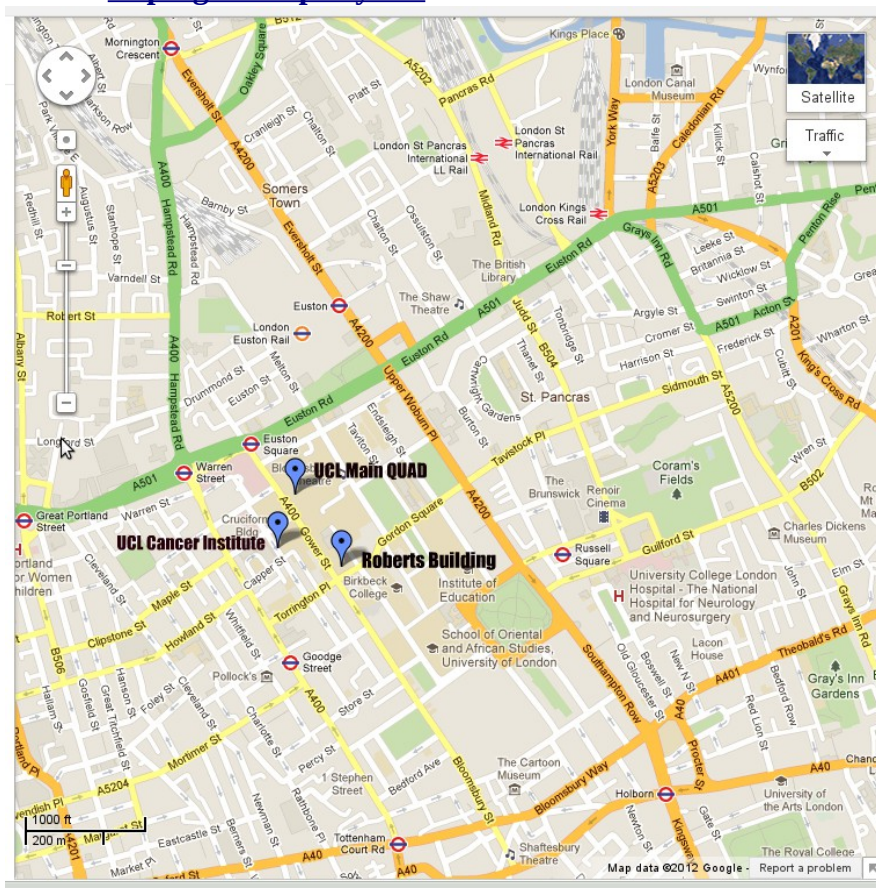
5:30 **Group photo in front of UCL quad**

6pm **Drinks Reception @ UCL Cancer Institute**

450k Workshop Travel Information

The workshop is being held on the Bloomsbury Campus of UCL. Registration, tea breaks and lunch will be in the Foyer of the Roberts Building and all talks will be held in room 106 of the Roberts Building. Following the workshop, we will have a group photo outside the UCL Main Quad as we make the short walk to the UCL Cancer Institute for the evening reception which will include beer, wine and nibbles. These locations are highlighted on the map below.

UCL is conveniently located near two mainline stations: Euston and Kings Cross/St Pancras and several underground stations. An interactive version of this map (including the location of suggested hotels) can be found here: <http://g.co/maps/uydbd>



Nearby Hotels:

The Academy Hotel

17-25 Gower Street

London WC1E 6HG

UCL special rate *mention UCL Medical Genomics Department

Single £125

Double £155

Tel: +44 (0)207 631 4115

[http://www.theetoncollection.co.uk/content.aspx?pageID=410»](http://www.theetoncollection.co.uk/content.aspx?pageID=410)

Contact: resacademy@theetoncollection.co.uk

Crescent Hotel London

49-50 Cartwright Gardens

London WC1H 9EL

UCL special rate *mention UCL Medical Genomics Department

Rates £46-£117 for single, double or triple (Shared or en suite facilities)

Tel: +44 (0)207 387 1515

<http://www.crescenthotelloflondon.com>

Contact: general.enquiries@crescenthotelloflondon.com

Gower House Hotel

57 Gower Street, London, WC1E 6HJ

Tel/Fax +44 (0)207 636 4685

Rates: £55-£105 for single, double, or triple (Shared or en suite facilities)

<http://www.gowerhousehotel.co.uk/index.html>

Contact: info@gowerhousehotel.co.uk

Nearby Hostels:

International Student House

229 Great Portland Street

London

W1W 5PN

<http://www.ish.org.uk/>

YHA Central London

104 Bolsover Street

London

W1W 5NU

http://www.yha.org.uk/find-accommodation/london/hostels/london_central/index.aspx