

FRCPath Genomics/Omics Training Day - November 8th 2018

Glenister Lecture Theatre, Charing Cross Campus, W6 8HA

To register please use the link: <https://www.surveymonkey.co.uk/r/56CQBCP>

- 9:35 – 9:45 **Welcome and Introduction**
Prof Tricia Tan, Consultant in Endocrinology and Metabolic Medicine. Imperial College Healthcare NHS Trust
- 9:45 – 10:00 **MSc genomic medicine – what it can offer you**
Dr Louise Blakemore, Senior Teaching Fellow, Imperial College & Dr Julia Kenkre, Chemical Pathology/Metabolic Medicine trainee Imperial College Healthcare NHS Trust
- 10:00 – 10:55 **Current Whole Genome Sequencing technologies**
Dr Mick Jones, Reader in Molecular Medicine, Imperial College
- 10:55 – 11:10 Coffee break
- 11:10-11:50 **100,000 genomes project and the new genomic medicine service in the NHS**
Dr Ellen Thomas, Consultant clinical geneticist, Imperial College Healthcare NHS Trust
- 11:50 – 12:30 **Assigning pathogenicity to genetic variants of unknown significance.**
Dr Shivani Misra, Consultant in Chemical Pathology (Metabolic Medicine), Imperial College Healthcare NHS Trust
- 12:30 – 13:15 **Lunch break**
- 13:15 - 14:00 **Familial hypercholesterolaemia**
Dr Jaimini Cegla, Consultant in Chemical Pathology (Metabolic Medicine), Imperial College Healthcare NHS Trust
- 14:00 – 14:40 **Understanding the genetics of pheochromocytoma**
Dr Ruth Casey, Cambridge University Hospital NHS Foundation Trust.
- 14:40-15:00 Tea break
- 15:00 – 15:40 **Studying the metabolome: techniques and applications**
Dr Matt Lewis, Director of Metabolic Profiling, MRC-NIHR National Phenome Centre
- 15:40 – 16:20 **Cell free DNA and Non-Invasive Prenatal Testing**
Sandra Moore, Clinical Scientist, Great Ormond Street Hospital
- 16:20 - 16:30 **Close and feedback**