

Wednesday 7th Sept

- 10:30-11:00 Arrival and coffee
- 11:00-12:30 Session 1: Gene Expression
Jacqui Smith Comparison of microarray and NGS data
Tom Freeman BioLayout Express3D: A paradigm shift in analysis of
microarray gene expression data
Ian Gallagher Expression profiling of human liver progenitor cells
- 12:30 - 13:30 Lunch and coffee
- 13:30 - 15:00 Session 2: Gene Expression
(contd) and microRNAs
Simon Tomlinson (gene expression) Stuart Horswell (microRNAs)
Mick Watson Integrating microarray and microRNA data in avian viral
oncogenesis
Stuart Pepper Small / FFPE sample preparation
Ingenuity Biomarkers and microRNA: Integrative Analysis of
microRNA and mRNA as Biomarkers for Ovarian Cancer
using IPA® and Ingenuity® iRep
- 15:00 - 15:30 Coffee
- 15:30 - 17:00 Session 3: SNP Genotyping
Albert Tenesa GWAS study of cognitive ageing
Affymetrix (Axiom), Ian Pittam Latest advances in Affymetrix technologies
Almas Gheyas The chicken SNP Affymetrix array
- 17:00 - 18:00 Lab tours
Dinner

Thursday 8th Sept

- 08:30-09:00 Arrival and coffee
- 09:00-10:30 Session 4: NGS
Nick Loman NGS platforms and the German E coli outbreak
Life Technologies, Miles Collier RNA-Seq on the Ion Torrent platform
Anachem, Dr. Eric van der An Engineered High-Fidelity DNA Polymerase Minimizes
Walt, KAPA Biosystems Library Amplification Bias and Improves Coverage
Uniformity in Illumina Sequencing
Angus Stewart ChIP-Seq
- 10:30-11:00 Coffee
- 11:00-12:30 Session 5: NGS (contd) and
Bioinformatics
Trinean, Len Keenan Assessment of sample quality using UV/Vis
spectrophotometry – a novel approach.
Agilent, Danielle Fletcher Analysis of kinome transcription profiling data using
GeneSpring software
Roche
Illumina
- 12:30 - 13:30 Lunch and coffee
- 13:30 - 15:00 Session 6: Bioinformatics
(contd)
Partek, Scott Brouillette Whole Transcriptome Analysis – a Start-to-Finish Solution
using Partek Genomics Suite
GeneProf
Florian Halbritter Giving data that personal touch
FIOS, , Dr Al Ivens
Simon Tomlinson (integrating large data) Simon / Laura