

SBF EMBL-EBI Training Event

Advanced Transcriptomics workshop

Venue: Royal Society of Edinburgh, 22-26 George Street, EH2 2PQ

Date: 22nd June 2010

	Advanced Transcriptomics Tutor: Ibrahim Emam
09:30 - 11:00	Microarray data standards, ontologies and formats Introduction to ArrayExpress (AE) Archive Microarray data submission to AE archive (array based and sequencing based)
11:00 - 11:15	Coffee break
11:15 - 12:30	Microarray data meta-analysis at the EBI Introduction to Gene Expression Atlas
12:30 - 13:45	Lunch
13:45 - 15:00	Exploratory analysis Statistics and Data-analysis in transcriptomics.
15:00 - 15:15	Coffee break
15:15 - 16:30	Overview of R/BioConductor packages for data preprocessing, quality metrics and differential expression analysis.
16:30 - 17:00	Q & A