

Cell and Tissue Biology						
Thu	Oct	4	1	9:00 AM	Cell morphology *	D'Avino
Sat	Oct	6	2	9.00 AM	Tissue morphology *	D'Avino
Tue	Oct	9	3	9:00 AM	Cell cycle regulation I *	Laman
Wed	Oct	10		9:00 AM	Data interpretation session for all options	Trotter
Thu	Oct	11	4	9:00 AM	Cell cycle regulation II *	Laman
Sat	Oct	13	5	9:00 PM	Mechanics and control of cell division I *	D'Avino
Tue	Oct	16	6	9:00 AM	Mechanics and control of cell division II *	D'Avino
Wed	Oct	17	7	4.00 PM	Stem cells I *	Rawlins
Thu	Oct	18	8	9:00 AM	Stem cells II *	Rawlins
Thu	Oct	18	9	2:00 PM	Life and death of cells I *	Watson
Tue	Oct	23	10	9:00 AM	Life and death of cells II*	Watson
Genomic Approaches to Disease						
<i>Organisation and Mapping of the Genome</i>						
Wed	Oct	24	11	4.00 PM	What makes a genome?	Skinner
Thu	Oct	25	12	9:00 AM	How do genomes evolve?	Skinner
Sat	Oct	27	13	9:00 AM	How do genomes differ?	Sargent
Tue	Oct	30	14	9:00 AM	What chromosome studies tell us about disease	Skinner
Thu	Nov	1	15	9:00 AM	Mapping disease genes for simple disorders	Sargent
Fri	Nov	2	16	4.00 PM	Complex disorders: populations and pedigrees (I)	Sargent
Sat	Nov	3	17	9:00 AM	Non-coding RNA	Enright
Tue	Nov	6	18	9:00 am	Sex chromosome specialisation and disease	Sargent/Skinner
<i>Rare Diseases</i>						
Weds	Nov	7	19	4.00 PM	Next generation sequencing approaches to rare diseases	Enright
<i>Neurodegenerative Disease</i>						
Thu	Nov	8	20	9:00 AM	Introduction to autophagy	Rubinsztein
			21	10.00 AM	Autophagy and neurodegeneration	Rubinsztein
<i>Chromatin Regulation and Epigenetics</i>						
Tue	Nov	13	22	9.00 AM	Non-Mendelian inheritance	Quilter
Thu	Nov	15	23	9.00 AM	Epigenetic Disease	Quilter
Fri	Nov	16	24	4.00 PM	The developmental origins of disease	Ozanne
Tue	Nov	20	25	9:00 AM	Chromatin structure and expression	Bannister
Thu	Nov	22	26	9:00 AM	Long-range regulation of gene transcription	Bannister
Tue	Nov	27	28	9:00 AM	DNA methylation and gene activity	Constancia
Thu	Nov	29	29	9.00 AM	Genomic imprinting: lessons from mouse models	Constancia

Molecular and Cell Biology of Cancer						
<i>Oncogenes and Tumour Suppressors</i>						
Tue	Jan	15	30	9:00 AM	Tumour suppressors *	Laman
Wed	Jan				Tutorial session on MT topics	
Fri	Jan	18	31	4.00 PM	Oncogenic pathways I *	Watson
Sat	Jan	19	32	9:00 AM	Oncogenic pathways II *	Watson
Tue	Jan	22	33	9:00 AM	Cell senescence and telomeres *	Narita

<i>The Cancer Genome</i>						
Thu	Jan	24	34	9:00 AM	Investigating the cancer genome *	Edwards
Sat	Jan	26	35	9:00 AM	What mutations drive carcinomas?*	Edwards
Tue	Jan	29	36	9:00 AM	Transcription factors and transcription networks in cancer*	Carroll
Thu	Jan	31	37	9:00 AM	Nuclear receptors in cancer *	Carroll
Sat	Feb	2	38	9:00 AM	Epigenetics in cancer I *	Vire
Tue	Feb	5	39	9:00 AM	Epigenetics in cancer II *	Vire
Thu	Feb	7	40	9:00 AM	Micro RNAs in cancer *	Murray
Sat	Feb	9	41	9:00 AM	Genomic instability I *	D'Avino
Tue	Feb	12	42	9:00 AM	Genomic instability II	D'Avino
Thu	Feb	14	43	9:00 AM	Genomic instability III *	D'Avino
<i>Cancer Examples and Models</i>						
Fri	Feb	15	44	14:00 PM	Models of Cancer I *	Turner
Sat	Feb	16	45	9:00 AM	Models of Cancer II *	Turner
Thu	Feb	21	46	9:00 AM	Hereditary Cancer I *	Maher
Fri	Feb	22	47	2:00 PM	Hereditary Cancer II *	Maher
Tue	Feb	26	48	9:00 AM	Stem cells and cancer *	Huntly
Thu	Feb	28	49	9:00 AM	The tumour microenvironment *	Shields
Sat	Mar	2	50	9:00 AM	Inter and Intra-tumour heterogeneity *	Bruna
Tue	Mar	5	51	9:00 AM	Paediatric Cancer I *	Coleman
Thu	Mar	7	52	9:00 AM	Paediatric Cancer II *	Coleman
Sat	Mar	9	53	9:00 AM	Oesophageal adenocarcinoma *	Contino
Tue	Mar	12	54	9:00 AM	Haematopoietic cancers: Lymphoma *	Du
Thu	Mar	14	55	9:00 AM	Invasion and Metastasis *	Bruna