

RNA Cardiff 2013: Wednesday May 22nd, Michael Griffith Building, School of Medicine, Cardiff University

09:00-10:00 Registration and coffee

10:00-12:20 MORNING SESSION: Chairs - Tim Bowen and Donald Fraser

10:00-10:20	Helen White-Cooper, School of Biosciences, Cardiff University	The RNA export factor, Nxt1, is required for tissue-specific transcriptional regulation
10:20-10:40	Karen Brakspear, School of Physiology and Pharmacology, University of Bristol	Characterisation of the mechanisms that underlie VEGF splicing using minigenes
10:40-11:00	Rachel Hagen, Faculty of Health & Life Sci., University of the West of England	Analysis of <i>ERG</i> splice variants and their metastatic potential in prostate cancer
11:00-11:20	Tilman Sanchez-Elsner, Faculty of Medicine, University of Southampton	microRNAs in chronic inflammation: not as simple as we thought?
11:20-11:40	Rocio Teresa Martinez-Nunez, Dept. Mol., Cellular & Dev. Biol., UC Santa Cruz	Coordination of alternative splicing, translation and mRNA degradation by rapamycin
11:40-12:00	Geraint Dingley, Faculty of Medicine, University of Southampton	miRNA isolation from proximal tubules of archival renal biopsies by laser capture microdissection
12:00-12:10	James Hargreaves, Life Technologies	RNA applications on the SOLiD NGS system
12:10-12:20	Bianca Van Eyssen, Merck Millipore	Flexible water quality and delivery for today's laboratory

12:20-13:00 Lunch

13:00-14:00 Sam Griffiths-Jones, University of Manchester Multiple products from microRNA transcripts

14:00-14:15 Coffee

14:15-16:30 AFTERNOON SESSION: Chairs - Donald Fraser and Tim Bowen

14:15-14:30	Luke Pilling, University of Exeter Medical School	Using gene expression to estimate biological age in humans
14:30-14:45	Ana Francisco-Garcia, Faculty of Medicine, University of Southampton	Involvement of microRNAs in macrophage response to viruses in asthma exacerbations
14:45-15:00	Alice Holly, University of Exeter Medical School	Deregulation of alternative splicing in human ageing
15:00-15:15	James Heward, Department of Pharmacy and Pharmacology, University of Bath	Widespread regulation of monocyte long noncoding RNAs in LPS-induced inflammatory response
15:15-15:30	Eleanor Star, School of Physiology and Pharmacology, University of Bristol	Understanding VEGF alternative splicing using splicing-sensitive fluorescent reporters
15:30-15:45	Richard Taylor, School of Earth Sciences, University of Bristol	The veracity and evolution of plant microRNAs
15:45-16:00	Kirsty McMillan, Integrative Neuroscience and Endocrinology, Univ. of Bristol	Development of viral vectors to study the molecular mechanisms of Parkinson's disease
16:00-16:15	Saran Shantikumar, Vascular Pathology and Regeneration, University of Bristol	The role of microRNA-30c-2* as an anti-angiogenic mediator
16:15-16:30	Ilaria Floris, Vascular Pathology and Regeneration, University of Bristol	GBM-induced changes in umbilical vein endothelial cells: focus on miR-101/EZH2 pathway
16:30-16:45	Rebecca Sanders, School of Biosciences, Cardiff University	Factors affecting the precision of RNA quantification
16:45-17:00	Cristina Beltrami, School of Medicine, Cardiff University	Urinary microRNAs are stabilised by association with argonaute 2 protein

17:00 Prize giving / Close