

RNA Club

SOUTH WEST UK

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RNA Bath 2019

Friday 14th June 2019
Lecture Theatre 3WN 2.1.
University of Bath, Claverton Down,
Bath, BA2 7AY

Keynote Speaker:
Prof Nicola Gray, University of Edinburgh
'RNA-binding protein dysfunction: phenotypes and mechanisms'

Meeting proudly sponsored by:



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	TIME	SPEAKER	INSTITUTION	TALK TITLE
Welcome and Introduction: Michael Ladomery & Sebastian Oltean	9.55-10.00			
Session 1 Chair: Mark Lindsay	10.00-10.15	Tareg Belali	University of the West of England	WT1 activates the transcription of SRPK1 in cancer cell lines
	10.15-10.30	Arinzechukwu Ude	University of the West of England	Role of Exosomes in Chemotherapy-induced Bystander Effect
	10.30-10.45	Danny Legge	University of Bristol	Epigenetic inactivation of the epithelial splicing regulator ESRP2 in Wilms' tumour
	10.45-11.00	Jean-Michel Carter	University of Bath	FICC-Seq: A method for enzyme-specified profiling of uridine modification in cellular RNA
	11.00-11.20	Jon Rock	Lexicon	The QuantSeq product family: The power of 3' sequencing. Why less is more!
Tea/Coffee	11.20-11.40			
Session 2 Chair: Lorna Harries	11.40-11.55	Benjamin Lee	University of Exeter	Dietary restriction in ILSXISS mice is associated with widespread changes in splicing regulatory factor expression levels
	11.55-12.10	Keith Vance	University of Bath	The MITF-SOX10 regulated long non-coding RNA DIRC3 is a melanoma tumour suppressor
	12.10-12.25	Emma Denham	University of Bath	A stand-alone sponge RNA regulates the levels, processing and efficacy of the key Gram-positive riboregulator of central metabolism RoxS

	12.25-12.40	Ben Jenkins	University of Exeter	An RNA-interference dependent 'physiological cost' to host fitness for endosymbiont elimination in a nascent phototrophic endosymbiosis
Lunch	12.40-13.30			
Session 3 KEYNOTE LECTURE Chair: Sebastian Oltean	13.30-14.30	Nicola Gray	University of Edinburgh	RNA-binding protein dysfunction: phenotypes and mechanisms
	14.30-.14.45	Ian Blagbrough	University of Bath	Non-viral delivery of siRNA by lipopolyamines achieving quantitative gene silencing
	14.45-15.00	Susanne Wijesinghe	University of Birmingham	Joint inflammation in obese patients with osteoarthritis: The role of long non-coding RNAs
	15.00-15.15	Nicola Jeffery	University of Exeter	Cellular stressors may alter islet hormone cell proportions by moderation of alternative splicing patterns
	15.15-15.30	Lisa Hobson	University of the West of England	Targeting the ERG Oncogene with Splice-switching Oligonucleotides in Prostate Cancer
Tea/Coffee	15.30-16.00			
Session 4 Chair: Michael Ladomery	16.00-16.15	Francesca Carlisle	University of Exeter	CDK11A and CDK11B: the significance of small differences
	16.15-16.30	Swati Mahapatra	University of Bath	Highly Conserved Protein SpoVG Binds RNA in vivo and has Pleiotropic Functions in Bacillus subtilis
	16.30-16.45	Shahna Haque	University of Exeter	Differential expression of circRNAs with ageing

	16.45-17.00	Pamela Fernandez	University of Exeter	Alternative splicing of the apoptosis gene Bcl-x in the diabetic glomerular endothelium
Concluding remarks Michael Lodomery & Sebastian Oltean	17.00-17.10			