

Lecture program 30th March

10:00 am (5 min)	Introduction	Ian Tomlinson
10:05 am (40 min)	Transcription-associated genome instability	Jesper Svejstrup (<i>Francis Crick Institute, London</i>)
10:50 am (25 min)	Functional assays to diagnose gene variants in Lynch syndrome	Mark Drost (<i>Leiden University Medical Centre, Netherlands</i>)
11:20 am (15 min)	Signatures of ionising radiation in cancer genomes	Sam Behjati (<i>Wellcome Trust Sanger Institute, Cambridge</i>)
11:50 am (15 min)	Coffee	
12:15 pm (5 min)	Introduction	Stephen Kearsy
12:20 pm (50 min)	Studies of eukaryotic DNA replication fidelity	Thomas Kunkel (<i>National Institutes of Health, USA</i>)
1:15 pm (45 min)	Lunch break	
2:00 pm (5 min)	Introduction	Catherine Green
2:05 pm (40 min)	Maintaining epigenetic stability during DNA replication	Julian Sale (<i>MRC Laboratory of Molecular Biology, Cambridge</i>)
2:50 pm (35 min)	The tumor spectrum in NTHL1-associated polyposis	Roland Kuiper (<i>Princess Máxima Center for Pediatric Oncology, Netherlands</i>)
3:30 pm (30 min)	Tea	
4:00 pm (5 min)	Introduction	David Church
4:05 pm (25 min)	Neo-antigen-targeted therapies for colorectal cancer patients	Noel de Miranda (<i>Leiden University Medical Centre, Netherlands</i>)
4:35 pm (25 min)	Understanding PCNA associated repair disorder	Catherine Green (<i>Wellcome Trust Centre for Human Genetics, Oxford</i>)
5:05 pm (10 min)	Characterising the subclonal architecture of colorectal cancer by <i>in situ</i> hybridisation	Ann-Marie Baker (<i>Centre for Tumour Biology, Barts Cancer Institute, London</i>)
5:20 pm (10 min)	Somatic POLE exonuclease domain mutations in (endometrial) cancer	Inge van Gool (<i>Leiden University Medical Centre, Netherlands</i>)
5:35 pm (10 min)	A robust DNA damage response ensures genome stability in potentially immortal planarian stem cell	Sounak Sahu (<i>DPhil candidate, Zoology, Oxford</i>)
5:50 pm (10 min)	Microsatellite stability in <i>Schizosaccharomyces pombe</i> and a mismatch repair independent role of Msh3	Desirée Villahermosa Caballero (<i>Postdoc, Bangor University</i>)
6.00 pm	Close	

Lecture program 31st March

9:30 am (5 min)	Introduction	Ross Chapman
9:35 am (25 min)	Clinical experience with HDAC inhibitors	David Kerr (<i>Nuffield Division of Clinical Laboratory Sciences, Oxford</i>)
10:05 am (25 min)	HDAC inhibitors; from bench to clinic	Nicholas La Thangue (<i>University of Oxford Department of Oncology, Oxford</i>)
10:35 am (15 min)	Error-prone Polymerases: Clinical significance and role as novel drug targets	Geoff Higgins (<i>University of Oxford Department of Oncology, Oxford</i>)
11:05 am (15 min)	Coffee	
11:20 am (5 min)	Introduction	Håvard E. Greger-Danielsen
11:30 am (25 min)	Big data identifies chromatin heterogeneous tumours	Andreas Kleppe (<i>Institute for Cancer Genetics and Informatics, Norway</i>)
12:00 pm (25 min)	Epigenetics and colorectal cancer	Andrew Silver (<i>Blizard Institute, London</i>)
12:30 pm (25 min)	Functional classification of germline mutations in the exonuclease domains of POLE and POLD1	Claire Palles (<i>Oxford Centre for Cancer Gene Research, Oxford</i>)
1:00 pm	Closing remarks	Håvard E. Greger-Danielsen (<i>Institute for Cancer Genetics and Informatics, Norway</i>)

Welcome to the **3rd CRC Network Meeting** and
the inauguration of the
Oxford Centre for Cancer Gene Research
at the University of Oxford, **30th** and **31st March 2017**

The Shulman Auditorium at the Queen's College, Oxford.

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Genome Stability and Instability in Cancer

The meeting is a collaboration between the Oxford Centre for Cancer Gene Research, Merck and the CRC Network.

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