12th Genome Stability Network Meeting

Robinson College, Cambridge
8th January 2016

09.15 Reception
10.00 Introduction

Session 1
Chair: Gerry Crossan
10.05 Martin Higgs
BOD1L prevents deleterious resection of stressed replication forks
10.20 Christophe Lachaud
Fan1 nuclease is recruited to stalled replication forks by ubiquitinated-FANCD2
10.35 Rosemary Wilson
The mutation that causes PCNA-associated repair disorder results in dysfunctional changes at a key binding interface
10.50 Swagata Halder
SPRTN prevents replication stress and genomic instability by orchestrating a proper CHIK1 response
11.05 Ummi Abdullah
Activation of the XPF nuclease during ICL repair
11.20 - 11.50 Coffee

Session 2
Chair: Aga Gambus
11.50 Panagiotis Kotsantis
Increased global transcription activity as a mechanism of replication stress in cancer
12.05 Anna Herlihy
Sustained E2F-dependent transcription is required for tolerance to replication stress to prevent DNA damage
12.20 Marina Romanello
H3.3 promotes AID-mediated immunoglobulin diversification
12.35 Kathy Chaurasiya
AID-induced cotranscriptional scanning
12.50 - 14.00 Lunch including AGM
14.00 Tomas Lindahl and the 2015 Nobel Prize for Chemistry

Session 3
Chair: Jason Parsons
14.15 Rigaile Zakauskaite
Development and analysis of protein-linked DNA break repair models in zebrafish
14.30 Ignacio Soriano
Pol ε mutations associated with cancer predisposition
14.45 Neil Kad
Using single molecule imaging to investigate the complex nature of nucleotide excision repair
15.00 Patrick van Eijk
How global genome repair is organised in the yeast genome
15.15 - 16.00 Coffee

Session 4
Chair: Jean-Baptiste Vannier
16.00 Sam Durley
Visualisation of chromosome rearrangements in real time
16.15 Ruth Densham
The BRCA1/BARD1 ubiquitin ligase activity regulates resection pathway choice in DNA repair
16.30 Paloma Garcia
Potential role for MYBL2 in promoting NHEJ in the haematopoietic system
16.45 Robbie Baldock
Phosphospecific interactions of the BRCT domains of 53BP1
17.00 Meeting Close
17.30 Coaches leave

Title cartoon courtesy of Alexandra Vaisman and Roger Woodgate, NICHD

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