A Symposium on Genomic Integrity

Schedule for Thursday, May 16th

8:15 AM – 9:00 AM	C*ontinental Breakfast, Room RRL-104*
9:00 AM	*Moderator:* Kenneth Marians, PhD – Sloan-Kettering Institute Welcome
9:00 AM – 10:00 AM	*Keynote Speaker:* Graham Walker, PhD – MIT **Translesion DNA Polymerases: From Cancer Chemotherapy to Bactericidal Antibiotics**
10:00 AM – 10:30 AM	Kenneth Marians, PhD – Sloan-Kettering Institute **The Replisome and Lesion Bypass**
10:30 AM – 11:00 AM	*Coffee and Refreshment Break, Room RRL-104*
11:00 AM – 11:30 AM	Stewart Shuman, MD, PhD – Sloan-Kettering Institute **The Embedding of Ribonucleotides in DNA During Repair: Many Means to an End**
11:30 AM – 12:00 PM	Iestyn Whitehouse, PhD – Sloan-Kettering Institute **Using the Lagging Strand to Study Chromosome Replication**
12:00 PM – 12:30 PM	Dirk Remus, PhD – Sloan-Kettering Institute **Regulated Replication of DNA Licensed With Purified Budding Yeast Proteins *In Vitro***
12:30 PM – 1:30 PM	*Lunch Break*
1:30 PM – 2:00 PM	John Diffley, PhD – London Research Institute **Early Events in Eukaryotic DNA Replication**
2:00 PM – 2:30 PM	Frank Uhlmann, PhD – London Research Institute ***In vitro* Reconstitution of Cohesin Loading onto DNA**
2:30 PM – 3:00 PM	Mark Petronczki, PhD – London Research Institute **Actomyosin Forces Threaten Nuclear Integrity and Genome Stability - the Dark Side of the Force**
3:00 PM – 3:30 PM	*Coffee and Refreshment Break, Room RRL-104*
3:30 PM – 4:00 PM	Charles Swanton, MD, PhD – London Research Institute **Defining Mechanisms of Intratumour Heterogeneity**
4:00 PM – 4:30 PM	John Petrini, PhD – Sloan-Kettering Institute **Chromosome Break Metabolism in Eukaryotic Cells**
4:30 PM – 5:00 PM	Scott Keeney, PhD – Sloan-Kettering Institute **ZwiMMing in Circles: Controlling Numbers of Meiotic Double-strand Breaks When Downstream is also Upstream**

A Symposium on Genomic Integrity
Schedule for Friday, May 17th

9:15 AM – 10:00 AM	*Continental Breakfast, Room RRL-104*
10:00 AM	*Moderator:* Simon Boulton, PhD – London Research Institute Welcome
10:00 AM – 10:30 AM	Jayanta Chaudhuri, PhD – Sloan-Kettering Institute **Regulation of DNA Double Strand Break Formation During Class Switch Recombination**
10:30 AM – 11:00 AM	Maria Jasin, PhD – Sloan-Kettering Institute **Role of BRCA1 in the Maintenance of Genomic Integrity**
11:00 AM – 11:30 AM	*Coffee and Refreshment Break, Room RRL-104*
11:30 AM – 12:00 PM	Xiaolan Zhao, PhD – Sloan-Kettering Institute **Sumoylation and Genome Maintenance**
12:00 PM – 12:30 PM	Julia Cooper, PhD – London Research Institute **Telomeres Regulate Meiotic Centromere Assembly**
12:30 PM – 1:30 PM	*Lunch Break*
1:30 PM – 2:00 PM	Stephen West, PhD – London Research Institute **Coordinated Actions of SLX1-SLX4 and MUS81-EME1 for Holliday Junction Resolution in Human Cells**
2:00 PM – 2:30 PM	Alessandro Costa, PhD – London Research Institute **Structure of the Mammalian Holliday Junction Dissolvasome**
2:30 PM – 3:00 PM	Peter Cherepanov, PhD – London Research Institute **Structural Biology of Retroviral DNA Integration**
3:00 PM – 3:30 PM	*Coffee and Refreshment Break, Room RRL-104*
3:30 PM – 4:00 PM	Simon Powell, MD, PhD – Sloan-Kettering Institute **How BRCA-deficient Cancers Continue to Replicate: The Role of Rad52 in Cooperation with HelQ**
4:00 PM – 4:30 PM	Simon Boulton, PhD – London Research Institute **HELQ Facilitates RAD51 Paralog-dependent DNA Repair to Avert Germ Cell Attrition and Tumorigenesis**
4:30 PM – 5:00 PM	Jesper Svejstrup, PhD – London Research Institute **RECQL5, Suppressor of Transcription-associated DNA Recombination**