

8:00 - 8:30 REGISTRATION, time to put up posters

8:30 - 8:40 Welcome note by **Claude Prigent** (Director of the IGDR).

8:40 - 9:20 **SESSION 1 A: DNA damage detection, repair and recombination**

Chaired by: Ewa Blaszczyk & Yann Cesbron (Organising Committee)

Key note talk 1: PROF. STEPHEN WEST

London Research Institute, Clare Hall Laboratories, London (UK)

↳ *Defective DNA Strand Break Repair: Genome Instability and Cancer*

- 9:20 - 10:20**
- **9:20** (Short talk 1): Salomé Adam
New insights into epigenome maintenance in response to DNA damage by real-time tracking of histone dynamics in human cells
 - **9:35** (Short talk 2): Matthew Edmonds
Regulation of cellular levels of the DNA glycosylase endonuclease VIII-like 1 (NEIL1) by ubiquitylation
 - **9:50** (Short talk 3): Sook Yee Lee
Structure and inhibition of the human SNM1A and SNM1B DNA repair exonucleases
 - **10:05** (Short talk 4): Hari Raj Singh
DNA damage activates the human chromatin remodeler ALC1 through ADP-ribosylation

10:20 - 10:35 COFFEE BREAK

10:35 - 11:15 **SESSION 1 B: DNA damage detection, repair and recombination**

Chaired by: Yann Cesbron & Ewa Blaszczyk (Organising Committee)

Key note talk 2: DR. TIMOTHY HUMPHREY

CRUK/MRC Oxford Institute for Radiation Oncology, Oxford (UK)

↳ *Chromosome breaks, chromatin and cancer: from yeast to man*

- 11:15 - 12:15**
- **11:15** (Short talk 5): Andrew Blackford
PAXX, a novel paralog of XRCC4 and XLF, interacts with Ku to promote DNA double-strand break repair
 - **11:30** (Short talk 6): Pratima Chennuri
Role of Werner Syndrome-related exonucleases in maintaining genomic integrity in Drosophila melanogaster
 - **11:45** (Short talk 7): Camilla Frattini
The Bul2/Rsp5 ubiquitin ligase mediates replication checkpoint inactivation
 - **12:00** (Short talk 8): Claire Guérillon
ING2 recruits PIAS4 to DNA Double Strand Breaks to promote RNF168 sumoylation and DNA repair

12:15 - 14:00 LUNCH BREAK & POSTER VIEWING (odd numbers)



14:00 - 14:40

SESSION 2: Genome instability in cancer and aging

Chaired by: Olivia Gavard & Blanca Gomez-Escoda (Organising Committee)

Key note talk 3: PROF. MARIE-DOMINIQUE GALIBERT

Institute of Genetics and Development of Rennes (IGDR), Rennes (FR)

↳ *USF1 critical role in maintaining genome integrity
in response to UV-induced DNA damage*

14:40 - 15:40

- 14:40 (Short talk 9): Maxime Beyaert

The DNA damage sensor ATR plays a key role in the regulation of deoxycytidine kinase activity

- 14:55 (Short talk 10): Karim Ashour Garrido

Genome-wide analysis of topoisomerase removal after camptothecin treatment in the context of replication and transcription

- 15:10 (Short talk 11): Delphine Guillotin

Triamterene induces selective lethality in DNA mismatch repair deficient cell lines

- 15:25 (Short talk 12): Chris Staples

RadIP is a novel DNA damage response factor

15:40 - 17:00

COFFEE BREAK & POSTER VIEWING (even numbers)

17:00 - 18:00

CAREER WORKSHOPS (parallel sessions)

**Looking for a post-doc: advice and CV clinic**Run by: **DR. GRÉGOIRE MICHAUX**

(Group leader, IGDR)

Chaired by: Olivia Gavard
(Organising Committee)

(Targeted at graduate students)

**Publication and grant writing tips**Run by: **DR. PEI-YUN JENNY WU**

(Group leader, IGDR)

Chaired by: Yann Cesbron
(Organising Committee)

(Targeted at post-docs/ early career scientists)

18:00 - 18:20

PRIZES AWARD CEREMONY AND CLOSING REMARKS

18:20 - 20:00

EVENING RECEPTION: Breton food & drinks