SUNDAY
4:00 pm - 9:00 pm  Arrival and Check-in
6:00 PM    Dinner
7:30 pm - 7:40 pm  Introductory Comments by GRC Site Staff / Welcome and Opening Remarks
7:40 pm - 9:30 pm  KEYNOTE TALKS
Discussion Leader: Antony Carr (GDSC, UK)
7:40 pm - 8:20 pm  Ben VanHouten (NIEHS NIH)
"Understanding damage recognition: structure-function studies of bacterial nucleotide excision repair proteins"
8:20 pm - 8:30 pm  Discussion
8:30 pm - 9:10 pm  Richard Wakeford (Dalton Nuclear Institute, UK)
"Risks from low-level radiation - the epidemiological evidence"
9:10 pm - 9:20 pm  Discussion
9:20 PM    Chair’s reception

MONDAY
8:00 am - 9:00 am  Breakfast
9:00 am - 12:30 pm  ENDOGENOUS AND INDUCED DNA DAMAGE (1)
Discussion Leader: Sam Wilson (NIEHS NIH)
9:00 am - 9:25 am  Sam Wilson (NIEHS NIH)
"Functional redundancies in the base excision repair pathway"
9:25 am - 9:35 am  Discussion
9:35 am - 10:00 am  Aidan Doherty (GDSC, UK)
"A synopsis of synapsis- bringing non homologous DNA ends together by NHEJ"
10:00 am - 10:10 am  Discussion
10:10 AM    Coffee Break / Group Photo
10:40 am - 11:05 am  Joe Jiricny (U. Zurich, Switzerland)
"In search of new functions for mismatch repair proteins"
11:05 am - 11:15 am  Discussion
11:15 am - 11:40 am  Marcus Lobrich (U. Saarlandes, Germany)
"Repair of radiation induced DNA double strand breaks during the mammalian cell cycle"
11:40 am - 11:50 am  Discussion
11:50 am - 12:15 pm  Peter McKinnon (St Jude, Memphis)
"Responding to DNA strand breaks in the nervous system"
12:15 pm - 12:25 pm  Discussion
12:30 PM    Lunch
1:30 pm - 4:00 pm  Free Time
4:00 pm - 6:00 pm  Poster Session
6:00 PM  Dinner
7:30 pm - 9:30 pm  ENDOGENOUS AND INDUCED DNA DAMAGE (2)
   Discussion Leader: Aidan Doherty (GDSC, University of Sussex)
7:30 pm - 7:55 pm  Mark O'Connor (KuDOS, UK)
   "Identification of a novel DNA-PK-interacting protein required for efficient NHEJ"
7:55 pm - 8:00 pm  Discussion
8:00 pm - 8:25 pm  Peter Karran (CRUK, UK)
   "Thiopurines and therapy-related cancers"
8:25 pm - 8:30 pm  Discussion
8:30 pm - 8:55 pm  Keith Caldecott (GDSC, UK)
   "Single-strand break repair and human disease"
8:55 pm - 9:00 pm  Discussion
9:00 pm - 9:25 pm  Cynthia McMurray (Mayo Clinic, USA)
   "A toxic oxidation cycle: mechanism of DNA instability induced by oxidative DNA damage"
9:25 pm - 9:30 pm  Discussion
TUESDAY
8:00 am - 9:00 am  Breakfast
9:00 am - 12:30 pm  MUTAGENESIS AND DNA REPAIR (1)
   Discussion Leader: Tom Kunkel (NIEHS, NIH)
9:00 am - 9:25 am  Serge Boiteux (CNRS, France)
   "Biological impact of endogenous abasic (AP) lesions in DNA in Saccharomyces cerevisiae: Roles of checkpoint proteins"
9:25 am - 9:35 am  Discussion
9:35 am - 10:00 am  Tom Kunkel (NIEHS, NIH)
   "Studies of leading and lagging strand DNA replication fidelity"
10:00 am - 10:10 am  Discussion
10:10 AM  Coffee Break
10:30 am - 10:55 am  Greg Verdine (Harvard, USA)
   "DNA glycosylases searching for lesions"
10:55 am - 11:05 am  Discussion
11:05 am - 11:30 am  William Dunphy (California Institute of Technology, USA)
   "Activation of ATR during Checkpoint Responses"
11:30 am - 11:40 am  Discussion
11:40 am - 12:05 pm  Travis Stracker (Sloan Kettering, USA)
   "The Mre11 Complex in Apoptosis and Tumor Suppression"
12:05 pm - 12:15 pm  Discussion
12:15 pm - 12:30 pm  Presentation chosen from poster abstracts
12:30 PM  Lunch
1:30 pm - 4:00 pm  Free Time
4:00 pm - 6:00 pm  Poster Session
6:00 PM  Dinner
7:30 pm - 9:30 pm  MUTAGENESIS AND DNA REPAIR (2)
7:30 pm - 7:55 pm  Discussion Leader: Greg Verdine (Harvard, USA)

Peggy Hsieh (NIDDK NIH Bethesda, USA)
"DNA mismatch repair and the cellular response to DNA damage"

7:55 pm - 8:00 pm  Discussion

8:00 pm - 8:25 pm  Kevin Hiom (MRC LMB, UK)
"Dissecting the role of BRCA1 in DNA repair"

8:25 pm - 8:30 pm  Discussion

Ohstura Niwa (National Institute of Radiological Sciences, Japan)
"p53 dependency of delayed and untargeted recombination in mouse embryos fertilized by irradiated sperm"

8:55 pm - 9:00 pm  Discussion

9:00 pm - 9:25 pm  Geoff Wahl (Salk Institute, USA)
"DNA damage signaling to p53 involves a positive feedback loop to mitigate its negative regulators Mdm2 and MdmX"

9:25 pm - 9:30 pm  Discussion

WEDNESDAY

8:00 am - 9:00 am  Breakfast

9:00 am - 12:30 pm  REPLICATION - LINKS TO GENOTOXICITY (1)
Discussion Leader: Ian Hickson (U. Oxford, UK)

9:00 am - 9:25 am  Peter McGlynn (U. Aberdeen, UK)
"DNA replication and the maintenance of genome stability in a protein-rich environment"

9:25 am - 9:35 am  Discussion

9:35 am - 10:00 am  Ian Hickson (U. Oxford, UK)
"RecQ helicases and replication fork management"

10:00 am - 10:10 am  Coffee Break

10:30 am - 10:55 am  Helle Ulrich (CRUK, UK)
"Activation of ubiquitin-dependent DNA damage bypass"

10:55 am - 11:05 am  Discussion

11:05 am - 11:30 am  Laurence Pearl (ICR, UK)
"Fellowship of the rings - enzyme selection and regulation by toroidal DNA clamps"

11:30 am - 11:40 am  Discussion

11:40 am - 12:05 pm  John Diffley (CRUK, UK)
"Control of DNA replication in the cell cycle and in response to DNA damage"

12:05 pm - 12:15 pm  Discussion

12:15 pm - 12:30 pm  Presentation chosen from poster abstracts

12:30 PM  Lunch

1:30 pm - 4:00 pm  Free Time

4:00 pm - 6:00 pm  Poster Session

6:00 PM  Dinner

7:00 pm - 7:30 pm  Business Meeting

(Nominations for the next Vice Chair; Fill out Conference Evaluation Forms; Discuss future Site & Scheduling preferences; Election of the next Vice Chair)
7:30 pm - 9:30 pm  REPLICATION - LINKS TO GENOTOXICITY (2)
Discussion Leader: Susan Gasser (Friedrich Miescher Institute)

7:30 pm - 7:55 pm  Alan Lehmann (GDSC, UK)
"The role of ubiquitination in the replication of DNA damage"

7:55 pm - 8:00 pm  Discussion

8:00 pm - 8:25 pm  Susan Gasser (Friedrich Miescher Institute, Switzerland)
"Histones at stalled replication forks"

8:25 pm - 8:30 pm  Discussion

8:30 pm - 8:55 pm  Thomas Helleday (U. Oxford, UK)
"DNA replication repair: from molecular insights towards new approaches to anti-cancer therapy"

8:55 pm - 9:00 pm  Discussion

9:00 pm - 9:25 pm  Ron Laskey (MRC Cancer Cell Unit, UK)
"Two negative regulators of DNA replication and their involvement in genome stability"

9:25 pm - 9:30 pm  Discussion

THURSDAY
8:00 am - 9:00 am  Breakfast

9:00 am - 12:30 pm  CHROMATIN AND CELL FATE DECISIONS (1)
Discussion Leader: Genevieve Almouzni (Institut Curie, France)

9:00 am - 9:25 am  Genevieve Almouzni (Institut Curie, France)
"Chromatin assembly factors, histone H3 variants and cell cycle"

9:25 am - 9:35 am  Discussion

9:35 am - 10:00 am  Kyungjae Myung (NHGRI NIH, USA)
"Mph1 directs proper repair and gross chromosomal rearrangement through its interaction with homologous recombination"

10:00 am - 10:10 am  Discussion

10:10 AM  Coffee Break

10:30 am - 10:55 am  Karl-Peter Hopfner (U. Munich, Germany)
"Structural mechanisms of translocation and unwinding by superfamily 2 helicases in chromatin remodeling and DNA repair"

10:55 am - 11:05 am  Discussion

11:05 am - 11:30 am  Jessica Downs (GDSC, UK)
"Reorganizing chromatin at a DNA break"

11:30 am - 11:40 am  Discussion

11:40 am - 12:05 pm  Steve Jackson (CRUK-Wellcome, UK)
"Early cellular responses to DNA damage"

12:05 pm - 12:15 pm  Discussion

12:15 pm - 12:30 pm  Presentation chosen from poster abstracts
12:30 PM  Lunch

1:30 pm - 4:00 pm  Free Time

4:00 pm - 5:30 pm  Poster Session

5:30 PM  Reception on the Cloisters Lawn

6:00 PM  Dinner
7:30 pm - 9:30 pm  CHROMATIN AND CELL FATE DECISIONS (2)
Discussion Leader: Steve Jackson (CRUK-Wellcome, Cambridge)

7:30 pm - 7:00 pm  Presentations chosen from Posters
8:00 pm - 8:25 pm  Sarah Darby (CTSU, UK)
"Radon Gas and Lung Cancer Risk"
8:25 pm - 8:30 pm  Discussion
8:30 pm - 8:55 pm  Thanos Halazonetis (U. Geneva, Switzerland)
"Mechanisms of recognition of DNA double strand breaks by 53BP1"
8:55 pm - 9:00 pm  Discussion
9:00 pm - 9:25 pm  Shigeki Miyamoto (U. Wisconsin, USA)
"Activation of NF-kB by various genotoxic agents: Is there a conserved pathway?"
9:25 pm - 9:30 pm  Discussion

FRIDAY
7:45 am - 8:30 am  Breakfast
9:00 AM       Departure