

**Genome Instability and DNA Repair (C6)**  
**Supported by the Directors' Fund**  
**Organizers: Maria Jasin, Stephen J. Elledge and Michael S. Neuberger**  
**March 1 - 6, 2009 • Taos Convention Center (meeting only) • Taos, New Mexico**

**Meeting Summary**

DNA damage repair and the DNA damage response overall are critical to the organism for both tumor suppression and the propagation of genomic information to subsequent generations. Tremendous advances have occurred in the last several years which have enlightened our understanding of the DNA damage response in all organisms and the derivation of genomic rearrangements, including in mouse and human. This meeting will highlight recent advances. Programmed DNA damage and its repair will be presented in sessions on the immune system and meiosis and germ cell development. Mechanisms of DNA repair will be presented in sessions on homologous recombination and non-homologous end-joining. Genomic rearrangements arising from sequence repeats and repetitive elements will also be presented.