

THE JOHN LAWRENCE SEMINARS



"REGULATION OF DNA DOUBLE-STRAND REPAIR BY THE CYCLE"

DANIEL DUROCHER, PH.D.

LUNENFELD-TANENBAUM RESEARCH INSTITUTE

MOUNT SINAI HOSPITAL

The orchestration of DNA repair is of fundamental importance to the maintenance of genomic integrity and tumor suppression. The fact that the genome is duplicated every cell cycle provides an opportunity to use the sister chromatid as template for repair, but at the same time processes such as DNA replication and chromosome segregation present unique challenges for genomic integrity and DNA repair. In my presentation I will focus on the cell cycle regulation of the signaling and repair of DNA double-strand breaks, the lesions triggered by ionizing radiation or by genome editing nucleases. My presentation will focus on the suppression of homologous recombination in the G1 phase of the cell cycle.

TUES., JAN. 12TH
4:00 P.M.

717 POTTER STREET
ROOM 141
BERKELEY LAB

HOSTS:
JOHN TAINER
PRISCILLA COOPER

Schedule of Seminars: <http://johnlawrenceseminars.lbl.gov/>
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