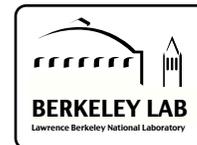


THE JOHN LAWRENCE SEMINARS



"DNA-PKcs AND ATM IN THE DNA DAMAGE RESPONSE AND CANCER"

SUSAN LEES-MILLER, PH.D.
UNIVERSITY OF CALGARY

DNA-PKcs (DNA-dependent protein kinase catalytic subunit) and ATM (ataxia-telangiectasia mutated) are members of the phosphatidyl inositol 3 kinase-like (PIKK) family of serine/threonine protein kinases, with important roles in the detection and repair of DNA damage. Here, I will discuss our work on understanding the role of DNA-PKcs in the cellular response to ionizing radiation, its newly emerging roles in mitosis, and the potential for targeting DNA-PKcs and ATM in human cancers.

TUES., DEC. 8TH
4:00 P.M.

717 POTTER STREET
ROOM 141
BERKELEY LAB

HOST:
JOHN TAINER