DNA Damage Checkpoint Responses and Cancer (3 units)
Bi 23 Section 03-11

Organizational Meeting on Wednesday, January 5th, at 4 PM in Kerckhoff 024
Instructor: Zheng Meng, Ph.D., x8458 email: zmeng@caltech.edu

Course Description:
The DNA damage checkpoint response is a highly conserved mechanism evolved to monitor genomic integrity and prevent accumulation of DNA mutations. Cells defective in these mechanisms generally display increased sensitivity to DNA-damaging agents and prone to genetic diseases, such as cancer. In this series of seminars, we are going to discuss the molecular mechanisms governing the DNA damage responses, and the impact of this defense system in preventing tumorigenesis.