Genetics and Environmental Mutagenesis Society spring symposium

**“Mechanisms of Environmental Carcinogenesis”**

May 21, 2013

US EPA, C111A

8:30-9:00 am coffee, Café. On your own

9:00-9:15 Welcome and introduction William Kaufmann

9:15-10:00 Integration of trans-lesion synthesis (TLS) with checkpoint

signaling and cell cycle progression Cyrus Vaziri, UNC-CH

10:00-10:30 break

10:30-11:15 Shining new light on C/EBPα: function for C/EBPα in the DNA

damage response and prevention of UVB-induced skin cancer Robert Smart, NCSU

11:15-12:00 Is arsenic a mutagenic carcinogen? investigations into its

mode of action Andrew Kligerman, EPA

12:00- 1:30 pm lunch

1:30-2:15 Low dose CT-induced lung tumorigenesis and

chemoprotection by N-acetylcysteine Mark Miller, WFU

2:15-3:00 Nucleolin mediates nucleosome disruption and promotes

DNA double-strand break repair Michael Goldstein, Duke

3:00-3:15 break

3:15-4:00 An endogenous mutagenic factor ubiquitous in human

cancers Dmitry Gordenin, NIEHS

4:00 adjourn