

Tuesday, February 11, 2014  
CANCER NSCOR II  
3:00 p.m. Expo Hall A3

**Chairs:** Walter Schimmerling  
Michael Weil

- 3:00 p.m. Kirsch D. G. Onaitis M. W. Stripp B. R.  
[Lung Cancer Risk from HZE Ions](#) [#3333]  
Duke NSCOR utilizes sophisticated mouse genetics to study the role of the tumor suppressor p53 and cell of origin on lung cancer development following low LET radiation and HZE particles.
- 3:30 p.m. Wang Y. Dynan W. S. Doetsch P. W. Vertino P. M.  
[Emory NSCOR Overview Progress](#) [#3036]  
We summarized our NSCOR progress.
- 4:00 p.m. Minna J. D. Story M. D. Girard L. Delgado O. Batten K. Kaisani A. Asaithamby A.  
Chen D. Park S. Larsen J. Das A. Gao B. Richardson J. Gazdar A. F.  
Allen J. Xie Y.  
[Development of a Risk Assessment Model for Lung Cancer Pathogenesis After Exposure of Human and Mouse Lung Epithelial Cells to HZE Particle Radiation](#) [#3325]  
NSCOR programs are to discern the molecular and cellular events associated with and participating in the multi-step process of lung cancer pathogenesis, after exposure to unique radiations with long-term manned space exploration.