14th Annual Space Radiation Health Investigators Meeting

DRAFT PROGRAMME

South Shore Harbour Resort Hotel and Conference Centre,
League City, Texas

Sunday, April 27

- **Pre-Meeting: Users Group on BAF/AGS/LLU Facilities Usage**
  - 1:00-3:30 PM
    - Overview of LLU Facility, G. Nelson
    - Overview of BNL Facilities, D. Lowenstein

- **Registration**
  - 3:30-4:30 PM

- **Scientific Overview Talks (4)**
  - 4:30-6:30 PM
    - Genetic Susceptibility and Radiation Risks, M. Kastan (tentative)
    - Proteomics, Frank Petricoin, FDA
    - Translational Research, Liz Travis, MD Anderson
    - Animal Models for Carcinogenesis and Aging, Larry Donehower, Baylor

- **Reception**
  - 6:30-8:00 PM

Monday, April 28

- **Refresher Course #1**
  - 7:30-8:20 AM  E. Blakely, Review of HZE Radiobiology, LBNL (confirmed)

- **Welcome from NASA (Bioastronautics Director, Code U)**
  - 8:30-8:35 AM

- **DNA Damage and Damage Processing (all sessions include works in progress as appropriate)**
  - 8:40-12:00 PM
    - Invited Talks, Peter O’Neill, MRC (confirmed)
    - Expected Contributions
• B. Sutherland, BNL
• B. Rydberg, LBNL
• J. Murnane, USF
• M. Cornforth, UTMB
• A. Chatterjee, LBNL
• K. Ackerman, PNL

• **Cellular And Tissue Models of Signal Transduction, Aberrant Differentiation & Apoptosis, etc.**
  - 1:00-3:00 PM
    - Invited Talk, M. Barcellos-Hoff, LBNL (confirmed)
    - Expected Contributions:
      - L. Green, LLU
      - J. Reuben, MD Anderson
      - K. Kohwi-Shigematsu, LBNL

• **Animal models of Cancer Risks including Transgenics**
  - 3:20-5:30 PM
    - Invited Talk, Animal studies of radiation induced cancer, R. Ullrich, U. Colorado
    - Expected Contributions
      - J. Ford, Texas AM
      - J. Dicello, JHU
      - P. Chang, SRI

• **Dinner and Pier Review at Kemah**
  - 7:00 PM

**Tuesday, April 28**

• **Refresher Course #2**
  - 7:30-8:20 AM
    - Running an Accelerator Experiment Part I, Greg Nelson, LLU

• **Non-Cancer Effects: What are the risks and the mechanisms?**
  - 8:30-10:15 AM
    - Invited Talk, Kiohiko Mabuchi or Charles Land, NIH
    - Expected Contributions
      - E. Blakely, LBNL
      - L. Chylack, Harvard

• **Neuronal Radiobiology**
  - 10:30-12:00 PM
- Invited Talk, J. Fike, USF ELT
- Expected Contributions
  - B. Rabin, U. Maryland
  - M. Vasquez, BNL

- Lunch
  - 12:00-1:00 PM

- Understanding Individual Risks and Prevention Methods including Pharmaceuticals
  - 1:00-3:30 PM
    - Invited Talk, Craig Stevens, MD Anderson (Confirmed)
    - Expected Contributions
      - A. Kennedy, U. Penn
      - D. Huso, JHU

- Physics, Dosimetry and International Studies
  - 3:45-5:30 PM
    - Expected contributions:
      - Ohnishi, Japan
      - M. Belli, Roma
      - M. Durante, U. Napoli

- Buses to Banquet at Space Centre Houston
  - 6:45

- Dinner Banquet and Speaker
  - 7:00-10:00 PM

**Wednesday, April 30**

- Refresher Course #3
  - 7:30-8:15 AM Running an Accelerator Experiment, Part II C. Zeitlin, LBNL

- Reports from New Investigators
  - 8:30-10:30 AM

- Panel Discussion On Critical Path Roadmap for Radiation Health
  - 10:45-12:30 PM

- Meeting Adjourn
12:30 PM