

22nd International Conference on Screening for Lung Cancer
Arizona State University, Tempe, Arizona
March 19-21, 2010

The broadest mission of these Conferences is collective pursuit of understanding of the issues surrounding early diagnosis and treatment of lung cancer. Among the issues is the opportunity to screen for other diseases, given the low-dose CT imaging of the chest in screening for lung cancer.

Friday, March 19, 2010

Armstrong Hall, Sandra Day O'Connor College of Law
South McAllister Street and Orange Street, Tempe, AZ

- 8:30 – 8:40** **Welcome.** Moderator: J.P. Smith
R. F. Shangraw, VP Research and Economic Affairs, Arizona State University
A. Nelson, Executive Director, Biodesign
C. Henschke, PI, I-ELCAP
- 8:40 – 8:45** The Conference agenda – C. Henschke
- 8:45 – 10:00** **Global Perspectives on Lung Cancer.** Moderator: D. Burns
Smoking: a global challenge in public health – P. Boyle
Mortality reduction from the actuarial viewpoint – B. Pyenson
Lung cancer prevention and control in China – P. Zhao
The International Lung Cancer Consortium – P. Boffetta
Biodesign vision – A. Nelson
- 10:05 – 10:30** **Coffee break**
- 10:30 – 12:00** **Pathology of Lung Adenocarcinoma.** Moderator: D. Carter
Mapping the genome – A. Gazdar
Histological and immunohistochemical identification of minimally invasive adenocarcinoma – M. Noguchi
Histomolecular issues in classification and staging – E. Brambilla
Potential updates to staging system – W. Travis
The role of cytology – M. Vasquez
- 12:00 – 1:00** **Lunch at Biodesign East Patio**

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- 1:00 – 1:45** **I-ELCAP Update.** Moderator: A. Miller
Protocol and results – C. Henschke
Computer diagnostics – A. Reeves
Pathology – D. Carter
- 1:45 – 2:15** **Personalization for Early Diagnosis and Treatment.**
Moderator: D. Yankelevitz
Risk assessment – J. Field
Screening – C. Henschke
Treatment – J. Wisnivesky
- 2:15 – 2:30** **Coffee break**
- 2:30 – 4:00** **Personalization using Biosignatures.** Moderator: P. Boffetta
Integration of biosignatures – C. Etzel
DNA markers – R. Young/K. Murphy
DNA methylation – M. Brock
Protein microarrays for immunosignatures and biomarkers – J. LaBaer
Immunosignatures – S. Johnston
Autoantibodies – S. Hanash
Sputum cytology: automated analysis – A. Nelson
- 4:00 – 5:00** **Special Lecture.** Moderator: A. Nelson
FDA on biomarkers: the new “Qualification for Use” process
– R. Woosley
- 6:30 – 10:00** **Cocktails and dinner at Rustler’s Rooste**
8383 S. 48th Street, Phoenix AZ (www.rustlersrooste.com)
- Special Talk: Origins of Flight Attendants’ Medical Research Institute –
P. Young, Board of Trustees, FAMRI

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Saturday, March 20, 2010

Armstrong Hall, Sandra Day O'Connor College of Law
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- 9:00 – 10:30** **Ancillary Studies in CT Screening for Lung Cancer.** Moderator: J. Mulshine
Randomized treatment trial using budesonide and genomics – G. Veronesi
Lung cancer mutations: screening vs. no screening – M. Lozano
Biomarkers in the Italung trial – E. Paci/F. Carozzi
The usefulness of PET scans – J. Pedersen
Behaviorial studies – R. van Klaveren
- 10:30 – 11:00** **Coffee break**
- 11:00 – 11:30** **Coupling of Smoking Cessation Efforts with Screening,** Moderator:
Cessation interventions and healthcare resources in Arizona – S. Leischow
Attained cessation in screening studies – D. Burns
- 11:30 – 12:15** **Stage I Lung Cancer Outside of Screening:** Moderator: J. P. Smith
Current experience – R. McKenna
Panel discussion – J. Yoshida, C. Connery, R. McKenna, J. Pedersen, G. Veronesi
- 12:15 – 2:00** **Lunch (Tour of Biodesign Institute – sign-up needed)**
- 2:00 – 3:00** **Biorepositories: Lessons Learned.** Moderators: C. Brambilla, F. Hirsch
The ACRIN Repository – W. Franklin
International Biobank Network: the IARC experience – P. Hainaut
Biobanking and Biomolecular Resources Research Infrastructure – M. Pasterk
Lung cancer biobanking at CIMA (University of Navarra, Spain): challenges
and perspectives – L. Montuenga
The Liverpool Repository – J. Field
- 3:00 – 3:30** **Coffee break**
- 3:30 – 4:30** **Workshops**
Global Alliance for Lung Cancer Research. Moderators:
P. Boffetta, D. Yankelevitz, R. Woosley, R. Martel
Virtual biorepository: challenges and solutions. Moderators: TBA
- 6:00 – 10:30** **Cocktails and dinner at Herb Garden, Desert Botanical Gardens**
1201 N. Galvin Parkway, Phoenix AZ (www.dbg.org)

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Sunday, March 21, 2010

Biodesign Auditorium

1001 South McAllister Street, Tempe, AZ

9:00 – 10:00 Steering Committee Meeting

10:00 – 11:00 Oral presentations, Moderator: F. Grannis

11:00 – 12:00 Poster presentations, Moderator:

12:00 – 12:30 Workshop Reports and Summary Statement