

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

Board on Environmental Studies and Toxicology

NATIONAL RESEARCH COUNCIL
THIRD WORKSHOP OF THE STANDING COMMITTEE ON
RISK ANALYSIS ISSUES AND REVIEWS

MOUSE LIVER TUMORS: BENEFITS AND CONSTRAINTS ON USE IN HUMAN HEALTH
RISK ASSESSMENT, QUALITATIVE AND QUANTITATIVE ASPECTS

Public Meeting: November 8-9, 2007

National Academy of Sciences

Keck Center, Room 100

500 Fifth Street, NW

Washington, DC 20001

PUBLIC AGENDA – NOVEMBER 8, 2007

- 9:00 Purpose of Workshop and Introduction of Committee Members Bernard Goldstein, Chair
- 9:10 EPA's Expectation for Workshop Peter Preuss
Director
National Center for Environmental Assessment, EPA
- 9:15 Overview of Workshop Format and Issues to be Discussed Rick Corley
Committee

SETTING THE STAGE FOR DISCUSSION

- 9:20 Mouse Models for Carcinogenicity Robert Maronpot
Retired, NIEHS/NTP
- 10:00 Human Liver Cancer Josep Llovet
Mount Sinai School of Medicine
- 10:40 ***BREAK***
- 10:50 Framework for Human Relevance Analysis of Information on Carcinogenic Modes of Action Bette Meek
University of Ottawa
- 11:30 Using Mode of Action in Risk Assessment: Challenges and Opportunities Kate Guyton
National Center for Environmental Assessment, EPA
- 12:10 ***LUNCH BREAK***

MODES OF ACTION FOR LIVER CANCER

- 1:00 Receptor-Mediated Events with Focus on PPAR Ivan Rusyn
University of North Carolina
- 1:45 Cytotoxicity Sam Cohen
University of Nebraska
- 2:30 DNA Reactivity John Essigmann
Massachusetts Institute of Technology
- 3:15 ***BREAK***
- 3:30 Pharmacokinetic and Pharmacodynamic Factors in Mouse Liver Tumor-Based Risk Assessments—What do we need to be predictive? Frederic Bois
INERIS
- 4:15 Panel Discussion on the commonalities in modes of action for mouse and human cancer development (what factors are important in considering differential sensitivities between animals and humans) and kinetic and dynamic factors likely to influence inferences for human risk evaluation.
[Panel – Speakers, Committee Members, and Lauren Zeise (CalEPA), Nancy Kim (NY State Department of Health), Penelope Fenner-Crisp (ILSI, retired), Ila Cote (EPA), Weihsueh Chiu (EPA), and Jane Caldwell (EPA)]
- 5:15 Public Comment
- 5:30 ***ADJOURN PUBLIC SESSION***

PUBLIC AGENDA – NOVEMBER 9, 2007

IMPLICATIONS OF MOUSE LIVER TUMORS FOR HUMAN HEALTH

- 9:00 Previous Conclusion on Relevance from Past Workshops Mike Holsapple
ILSI
- 9:30 International Perspective Vincent James Cogliano
IARC
- 10:00 Panel Discussion of Charge Questions and Recap of What Have We Learned
[Panel – Speakers, Committee Members, and Lauren Zeise (CalEPA), Nancy Kim (NY State Department of Health), Penelope Fenner-Crisp (ILSI, retired), Ila Cote (EPA), Weihsueh Chiu (EPA), and Jane Caldwell (EPA)]
- 12:00 ***ADJOURN PUBLIC SESSION***