

# Integrated Risk Information System (IRIS) Public Science Meeting

October 26, 2016

Ethyl Tertiary Butyl Ether (ETBE)

## Agenda

U.S. Environmental Protection Agency  
One Potomac Yard (South Building)  
2777 South Crystal Drive, Ground Floor Conference Room  
Arlington, VA 22202

8:30 am (EDT)      REGISTRATION

9:00 am              Welcome and Announcements  
                         - Vincent Cogliano, IRIS Program Director, EPA/NCEA/IRIS

**9:30 am              Session 1: Science Topic – Liver tumor modes of action**

Introduction

- Keith Salazar, ETBE Assessment Manager

Facilitated discussion of science issue with all attendees, including:

- James Bus, Exponent, Inc., on behalf of LyondellBasell
- Shoji Fukushima, Japan Bioassay Research Center, on behalf of Japan Petroleum Energy Center
- Kathryn Guyton, International Agency for Research on Cancer\*
- James Klaunig, University of Indiana\*
- Ivan Rusyn, Texas A&M University\*
- James Swenberg, University of North Carolina, on behalf of LyondellBasell

**11:15 am              Session 2: Science Topic – The potential for increased susceptibility to toxic effects resulting from a decreased rate of acetaldehyde clearance in the liver**

Introduction

- Keith Salazar, ETBE Assessment Manager

Facilitated discussion of science issue with all attendees, including:

- B. Bhaskar Gollapudi, Exponent, Inc., on behalf of LyondellBasell
- Ivan Rusyn, Texas A&M University\*
- James Swenberg, University of North Carolina, on behalf of LyondellBasell
- Vasilis Vasiliou, Yale University\*

12:30 pm              LUNCH

\*Discussant identified by, but not representing, the National Academies of Sciences, Engineering, and Medicine.  
Note: Affiliations and sponsors are self-reported.

**1:30 pm**

**Session 3: Science Topic – Use of 2-stage carcinogenicity bioassays**

Introduction

- Keith Salazar, ETBE Assessment Manager

Facilitated discussion of science issue with all attendees, including:

- Susan Borghoff, ToxStrategies, Inc., on behalf of LyondellBasell
- Shoji Fukushima, Japan Bioassay Research Center, on behalf of Japan Petroleum Energy Center
- B. Bhaskar Gollapudi, Exponent, Inc., on behalf of LyondellBasell
- Kathryn Guyton, International Agency for Research on Cancer\*
- James Klaunig, University of Indiana\*
- David Malarkey, National Toxicology Program (via webinar)\*
- Ivan Rusyn, Texas A&M University\*

**3:30 pm**

**Session 4: Public comment on other science topics in the ETBE assessment**

(10 minutes each; may begin earlier if previous session ends)

- Marcy Blanton, LyondellBasell
- Susan Borghoff, ToxStrategies, Inc., on behalf of LyondellBasell
- Fukumi Nishimaki, Japan Petroleum Energy Center
- Dale Strother, ToxSolve LLC, on behalf of the American Petroleum Institute
- Kimberly White, American Chemistry Council

Open discussion with all attendees

**4:30 pm**

**ADJOURN**

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