Human cancer studies on exposure to PCP:
Differentiating potential cancer effects of PCP exposure from effects due to occupational co-exposures or PCP contaminants
Process for Preparation of the Report on Carcinogens (RoC)

Nomination and Selection of Candidate Substances

- Invite nominations to the RoC
- Interagency review
- Public comment
- Develop draft concept documents for substances proposed for evaluation
- Public comment
- Review of draft concept documents by NTP Board of Scientific Counselors*
  (public meeting, public comment)
- NTP Director
- Select candidate substances

Scientific Evaluation of Candidate Substances

- Prepare draft RoC Monograph for a candidate substance
  (initiate cancer evaluation component)
- External scientific input, as needed
  (e.g., consultants, ad hoc presentations, expert panels*)
- Public comment
  (e.g., listening session, comment)
- Interagency input
  (complete cancer evaluation component and prepare draft substance profile)
- Interagency review
- Complete draft RoC Monograph

Public Release and Peer Review of Draft RoC Monographs

- Release draft RoC Monograph
- Public comment
- Peer review of draft RoC Monograph by NTP Peer-Review Panel*
  (public meeting, public comment, peer-review report)
- Present information regarding the peer review and revised draft RoC Monograph to NTP Board of Scientific Counselors (BSC)
  (public meeting, public comment)
- NTP Director
- Finalize RoC Monograph
  (cancer evaluation component and substance profile)

HHS Approval and Release of Latest Edition of the RoC

- Submit recommended listing status for newly reviewed candidate substances
- NTP Executive Committee
- Approval of listing status by Secretary, HHS
  (transmit latest edition of RoC to Congress and release to the public)

Key
- HHS = Health and Human Services
- NTP = National Toxicology Program
* Federally chartered advisory groups
Selection of PCP as a Candidate Substance

- Sodium salt primarily used as a wood preservative in the United States.
- Selected as a candidate substance based on widespread past use and current U.S. exposure and an adequate database of studies in humans and animals.

http://ntp.niehs.nih.gov/go/37897
Scientific Review of PCP: PCP Webinar

Initiate cancer evaluation component
Scientific and public input
Technical advisors: epidemiology and toxicology
PCP Webinar: Apr 11, 2013
- Solicitation of experts FR: Oct 17, 2012
- Webinar Announcement FR: Mar 8, 2013

Complete cancer evaluation and prepare draft substance profile
Interagency review
Complete draft monograph

Objective

- Provide scientific input to the Office of the RoC (ORoC) on issues related to its approach for evaluating the epidemiologic studies on exposure to PCP
- Not to receive recommendations from invited speakers or the public on whether or not PCP should be listed in the RoC

http://ntp.niehs.nih.gov/go/pcpwebinar
## Webinar Agenda

**Welcome and Introduction:** Dr. Ruth Lunn, ORoC, NIEHS

**Webinar Logistics:** Dr. Glinda Cooper (U.S. EPA); Moderator

### Seminar Presentations

- **Overview of occupational exposures to pentachlorophenol: Components, contaminants, and common co-exposures**
  - Mr. Kevin Dunn, National Institute for Occupational Safety and Health (NIOSH)

- **Occupational exposure to PCP and other agents: Issues to consider in evaluating human epidemiology studies**
  - Dr. Avima Ruder, NIOSH

- **Biomonitoring and epidemiologic studies of PCP producers**
  - Dr. Jim Collins, The Dow Chemical Company

- **Epidemiologic studies of PCP users**
  - Dr. Paul Demers, Occupational Cancer Research Centre, Cancer Care Ontario

### Discussion

- Panel-initiated questions: Drs. Cooper and Mary Schubauer-Bergan (NIOSH)
- Public-initiated questions

### Closing Remarks: Dr. Cooper
Webinar Logistics: Public Participation

- Opportunities for public participation
  - Question and answer period following each presentation
  - General discussion: panel-initiated questions/topics (discussion leader, moderator, speaker, or NTP staff)
    - Questions should be related to the topics initiated by the panel
    - The moderator will indicate when questions will be received from the public
  - General discussion: public-initiated questions/topics
    - Questions/comments can be on any topic related to the webinar

- Methods for asking a question or making a comment
  - Oral comment using your phone line: Use the “Raise your hand” in Adobe Connect and wait for the moderator to acknowledge you.
  - Write your comment/question in the question and answer box: The moderator will read your comment/question aloud.

Technical assistance: Chat box or email Diane Spencer at spencer2@niehs.nih.gov
Webinar Logistics: Virtual Meeting Room

- Panel is at four virtual locations
- NIOSH location
  - Speakers: Avima Ruder, Kevin Dunn
  - Discussion leader: Mary Schubauer-Berigan
- NIEHS location
  - ORoC or contract staff: Ruth Lunn, Gloria Jahnke, Jennie Ratcliffe, Diane Spencer
  - NTP: John Bucher, Mary Wolfe, Nigel Walker
  - Moderator: Glinda Cooper
- In general, the panel-initiated discussion will start with NIOSH, proceed clockwise around the "virtual table", and then move to the audience.

*Starting and focal point of the discussion*