

STAR WORKSHOP SUMMARY

Outcomes

- Integrating data from studies on related topics
- Comparing outcomes from animal and human studies
- Creating and strengthening collaborations
- Learning how research is used for risk assessment, regulations, and policy decisions



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Session 1- Effects of EDCs on Reproduction

- Global concern based on animal studies and associations in wildlife
- Variety of associations in humans
 - POPs and endometriosis
 - Phthalates and genital development
 - Heptachlor and reproductive and immune function
- Causality
- Next steps



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Session 2- Effects of EDCs on Puberty

- Animal models for human disease
- Screening assays
- Longitudinal study of dioxins and PCBs
- Dose-response and mechanisms



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Session 3- Biomarkers of Exposure to EDCs

- Linking exposure to effects
- Rapid screening assays
- Vertebrates, invertebrates, algae
- Field applications
- New approaches to cumulative exposure assessment



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Session 4- Thyroid Toxicants: Exposure and Effects on Brain Development and Disease

- Fish consumption and effects in humans
- Collaborative approach
- Model development



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Session 5- Analytical Methods for EDC Mixtures

- Risk management efforts
- Faster, better, cheaper indicators
- Combined use of analytical and bioassay methods
- Complex mixtures



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Poster Session

- Graduate students and postdocs
- Benefits of informal discussions



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Panel Discussion

- Communicate relevance of research to EPA
- Identify research needs
- Develop new outreach methods



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