



**Draft NTP Monograph on Developmental Effects and  
Pregnancy Outcomes Associated with Cancer Chemotherapy  
Use during Pregnancy**

Agenda

National Institute of Environmental Health Sciences (NIEHS)  
Rodbell Auditorium, Rall Building  
111 T.W. Alexander Drive  
Research Triangle Park, NC

October 1, 1:00PM – 5:00PM EST and October 2, 8:30AM – until adjournment<sup>1</sup>

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**Welcome and Introductions**

Dr. Linda Birnbaum, Director, NIEHS/NTP  
Dr. John Bucher, Associate Director, NTP  
Dr. Catherine Spong, National Institute of  
Child Health and Human Development, Chair

**Logistics**

Dr. Mary Wolfe, Designated Federal Official,  
NIEHS/Division of the NTP (DNTP)

**Public Comment**

**Introduction to the Evaluation, Methods, and Limitations of the Data**

Presentation	Dr. Kembra Howdeshell, NIEHS/DNTP
Peer review comments	Panel
Panel discussion	Dr. Spong

**Main Findings**

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| <ol style="list-style-type: none"><li><b><i>1. Frequency of Congenital Malformations by Trimester</i></b></li><li><b><i>2. Risk of Spontaneous Fetal Death</i></b></li><li><b><i>3. Pregnancy Complication Associations</i></b></li><li><b><i>4. Effects on Newborn Weight and Health</i></b></li><li><b><i>5. Effects on Infant Growth and Development</i></b></li></ol> |
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Presentation on each finding	Dr. Howdeshell
Peer review comments on each finding	Panel
Panel discussion on each finding	Dr. Spong

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<sup>1</sup> Two days are set aside for the meeting. The monograph topics will be peer reviewed in the order shown in the agenda, but the specific day for peer review of a topic is not specified.

## **Cancer Chemotherapy Agents by Mechanism of Action**

<i>Anti-metabolites</i> <i>DNA Alkylating Agents</i> <i>DNA Intercalating/Cross-linking Agents</i> <i>Microtubule Function Inhibitors</i> <i>Topoisomerase II Inhibitor</i> <i>Oxygen-free Radical Generator</i> <i>Targeted Therapies</i>
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Presentation on each mechanism	Dr. Howdeshell
Peer review comments on each agent	Panel
Panel discussion on each agent	Dr. Spong

## **Long-Term Evaluations of Growth and Development**

Presentation	Dr. Howdeshell
Peer review comments	Panel
Panel discussion	Dr. Spong

## **Pregnancy Outcomes of Medical Personnel**

Presentation	Dr. Howdeshell
Peer review comments	Panel
Panel discussion	Dr. Spong

## **Cancer Diagnosed During Pregnancy: Background Information**

<i>Breast Cancer</i> <i>Cervical Cancer</i> <i>Leukemia</i> <i>Hodgkin Lymphoma</i> <i>Non-Hodgkin Lymphoma</i> <i>Ovarian Cancer</i> <i>Melanoma</i>
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Presentation	Dr. Howdeshell
Peer review comments on each cancer	Panel
Panel discussion on each cancer	Dr. Spong

## **Research Needs and Communication Strategies**

Presentation	Dr. Howdeshell
Panel discussion	Dr. Spong