

BENCHMARK DOSE MODELLING FOR RISK ASSESSMENT: BUILDING A PATH TOWARD HARMONIZATION

Format: Two half-day virtual sessions

Date / Time:

- Day 1 – April 15, 2026; 8:00am ET – 12:30pm ET
- Day 2 – April 16, 2026; 8:00am ET – 12:00pm ET

Location: Zoom Webinar

Participation: Open to the public including regulatory scientists, researchers, industry professionals, and those interested in learning about applications of BMD. All talks will be recorded and made available after the sessions.

Registration: [Click here to register](#)

Overview

HESI Global is hosting a webinar series on Benchmark dose modeling (BMD). BMD is increasingly used in risk assessment, yet differences in methods, tools, and key concepts continue to limit consistency across sectors and regulatory frameworks. This webinar brings together experts across regions from regulatory agencies, academia, and industry to share global perspectives on BMD modeling. Cross-sector perspectives are brought together to examine current practices, share lessons learned, and identify opportunities for greater alignment supporting more consistent and harmonized application of BMD approaches

Outcomes

The webinar will set the stage for follow-on discussions aimed at prioritizing feasible harmonization topics and identifying next steps for collaborative efforts across sectors.

AGENDA

Day 1: April 15, 2026; 8:00am ET – 12:30pm ET

- Welcome: Opening Remarks and Webinar Objective
- Plenary Session: Evolution from NOAEL to BMD
- Session 1: BMD 101 - Fundamentals and Endpoints
 - Core Principles of BMD
 - Applications Across Endpoints
 - Repeat-Dose Rodent Studies
 - Genetic Toxicology
 - Developmental and Reproductive Studies
 - Ecotoxicology
 - Epidemiology
- Closing Remarks: Key Takeaways and Preview of Day 2

Day 2: April 16, 2026; 8:00am ET – 12:00pm ET

- Welcome: Summary of Day 1 and Day 2 Objectives
 - Study Design Perspective: OECD and Regulatory Considerations for BMD Analysis
 - Session 2: Current Challenges across Sectors
 - Sector Perspectives
 - Agrochemicals
 - Pharmaceuticals
 - Industrial Chemicals
 - Cosmetics and Personal Care
 - Food Additives and Consumer Products
 - Common Challenges Across Sectors
 - Closing Remarks
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Contact Information

If you have questions about this webinar series, please contact the HESI staff listed below.

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