

# Shawn M. Heidel, DVM, PhD

*Executive Director, Global Lead Optimization Pharmacology and Toxicology*

Greenfield, Indiana, USA

shawn.heidel@covance.com

## Key Roles and Responsibilities

- ▶ Sets scientific and business strategy for the pathology, toxicology, pharmacology and imaging groups involved in pre-clinical development
- ▶ Interacts with clients on development strategies and alignment of Covance solutions
- ▶ Collaborates and integrates capabilities across Covance business units to ensure delivery of a total solution for nonclinical development
- ▶ Member of the Early Development Senior Leadership Team that sets global strategic goals and prioritizes business activities

## Areas of Expertise

- ▶ **Drug Development**
  - Small and Large Molecules
  - Early discovery to post-marketing
- ▶ **Nonclinical Regulatory - Biologics and Small Molecules**
  - Regulatory requirements
  - Scientific expectations
- ▶ **Global Lead Optimization**
  - Pharmacology
  - Toxicology

## Professional Highlights

- ▶ More than 25 years of experience in laboratory research
- ▶ Spent 13 years with Eli Lilly, including eight years as Director of Toxicology, leading group responsible for toxicology assessment of molecules at all stages of development
- ▶ Member of the BioSafe Leadership Committee for the last eight years and elected chair for two years
- ▶ Active in the ICH process as a member and signatory of ICHS6(R1) and as a current member of the ICHS1 Expert Working Group
- ▶ Co-author of more than a dozen peer-reviewed publications and prolific conference presenter on toxicology and other industry topics
- ▶ More than 50 presentations as invited speaker at international meetings, including regulatory authorities and to support proposals at ICH meetings
- ▶ Dr. Heidel joined Covance in May 2012

## Education

- ▶ **PhD, Philosophy, Environmental Toxicology (Immunotoxicology focus)**  
*University of Wisconsin - Madison*
- ▶ **PhD, Veterinary Medicine**  
*University of Wisconsin - Madison*

## Publication Journals

- ▶ *Toxicologic Pathology*
- ▶ *Regulatory Toxicology and Pharmacology*
- ▶ *Journal of Aerosol Medicine and Pulmonary Drug Delivery*
- ▶ *Journal of Toxicological Sciences*
- ▶ *Cancer Research*
- ▶ *Molecular Pharmacology*
- ▶ *Fundamental and Applied Toxicology*

The Americas + 1.888.COVANCE + 1.609.452.4440  
Europe/Africa + 800.2682.2682  
Asia Pacific + 800.6568.3000

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