

# Reproductive and Developmental Toxicology for Industrial and Regulatory Scientists

OCTOBER 25–28, 2010

SPONSORED BY THE TERATOLOGY SOCIETY

Course Director: *Kok Wah Hew, Ph.D., DABT, Takeda Global R&D Center*

Location: *Noblis, Inc., 3150 Fairview Park Dr. South, Falls Church, VA 22042*

This course is designed to provide a basic understanding in reproductive and developmental biology, principles of various testing approaches for reproductive and developmental toxicology, with strong emphasis on the practical application of these principles and interpretation of non-clinical safety data.

For more information on this course please contact the Teratology Society.

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## COURSE OVERVIEW

### October 25

#### Male Reproductive Biology and Physiology

*Paul Foster, National Toxicology Program, NIEHS*

#### Female Reproductive Biology and Physiology

*Paul Foster, National Toxicology Program, NIEHS*

#### Embryology: From Fertilization to Neural Tube/Somite Formation

*Sid Hunter, U.S. Environmental Protection Agency*

#### Placenta and Maternal Influence on Development

*Rich Miller, University of Rochester*

#### Molecular Biology of Development

*Rocky Tuan, University of Pittsburgh*

#### Principles of Abnormal Development

*John Rogers, Research Triangle Park, NC*

### October 26

#### Normal and Abnormal Development of the Nervous System

*Charles V. Vorhees, Cincinnati Children's Hospital Medical Center*

#### Normal and Abnormal Development of the Cardiovascular System

*John DeSesso, Exponent*

#### Normal and Abnormal Development of Head and Neck

*Lori E. Kotch, U.S. Food and Drug Administration*

#### Normal and Abnormal Development of the Respiratory and Digestive Systems

*John DeSesso, Exponent*

#### Normal and Abnormal Development of the Urogenital System

*Kok Wah Hew, Takeda Global R&D Center*

#### Normal and Abnormal Development of the Musculoskeletal System and Limbs

*John Rogers, Research Triangle Park, NC*

### October 27

#### PK/ADME of Xenobiotics during Pregnancy/Lactation and in Fetus/Newborn

*Rick Corley, Pacific Northwest National Laboratory*

#### Study Designs to Evaluate Reproductive Toxicity

*Don Stump, WIL Research Laboratories, LLC*

#### Study Designs to Evaluate Developmental Toxicity

*Barry McIntyre, National Toxicology Program, NIEHS*

#### Study Designs to Evaluate Pre- and Postnatal Toxicity

*Don Stump, WIL Research Laboratories, LLC*

#### Study Designs to Evaluate Toxicity in Juvenile Animals

*Keith Robinson, Charles River*

#### Regulatory Toxicology for Pharmaceuticals, Agricultural and Industrial Chemicals

*Rochelle Tyl, RTI International*

### October 28

#### Interpretation of Data from Reproductive and Developmental Toxicity Studies

*Rochelle Tyl, RTI International*

#### Risk Assessment Using Reproductive and Developmental Toxicity Data

*Gary Kimmel, Exponent*

**Advanced Registration Deadline  
October 1, 2010**

**Course Registration  
\$895**

**Student and Postdoctoral Fellow  
\$550**