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For Immediate Release

Toxicologists Gather in Salt Lake City to Explore A Multitude of Human Health Topics

Reston, VA (February 9, 2010)—Toxicologists from the United States and fifty countries will gather in Salt Lake City, March 7–11, 2010, for the Society of Toxicology's 49th Annual Meeting and ToxExpo™. The five-day event, which will be held at the Salt Palace Convention Center, brings together thousands of researchers and regulators from universities, government, and industry to talk about the latest research results on a number of topics of interest to the public and the press. Sessions include symposia, informational sessions, workshops, and regional sessions. Some of the key events include the following:

Ovarian Toxicity: Current Concepts in Toxicology, Pathology, and Mechanisms:

Presenters will review the results of research designed to evaluate whether a 2-week rodent study may be sufficient to elucidate the effect of pharmaceuticals on ovarian function and ovarian toxicity. The National Institute of Health Sciences and 18 pharmaceutical companies of the Japan Pharmaceutical Manufacturers Association conducted the study.

Signaling Mechanisms for Metabolic Dysfunction Following Low-Level Arsenic

Exposures: From Mouse to Man: Chronic low-level arsenic exposure is a major public health concern, since it is linked to increased risks of cardiovascular and metabolic-related diseases in human populations. Presenters of this regional session explore the epidemiological and animal studies to gather further insights into origins and development of the diseases associated with low-level arsenic exposures.

Gender Divergent Xenobiotic Responses: This symposium session explores cutting-edge discoveries about differences in exposures, anatomy, physiology biochemistry, and the impact on biological responses on men and women.

Flavoring-Associated Lung Disease: Microwave popcorn is a favorite snack food for many, yet the Occupational Safety and Health Administration (OSHA) discovered that workers who make this popular flavoring can develop an obstructive lung disease called Popcorn Workers' Lung Disease. Presenters talk about the research and new findings associated with flavorings vapor.

The Society of Toxicology is a scientific not-for-profit organization for professionals from around the world who are involved in the study of toxicology. With more than 6,000 members, the Society is creating a safer and healthier world by advancing the science of toxicology. SOT is a forum for novel discoveries and approaches related to toxicology, fosters integration of sub-disciplines that support the evolution of toxicology, and, among other things, increases the impact of toxicology on human health and disease prevention.

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Editors Note: To see the entire program or arrange to attend a session, reporters are invited to visit, "Just for the Media" at the Annual Meeting site at <http://www.toxicology.org/AI/MEET/AM2010/>.
