2005 Conference Overview

Title and Site for International Hormesis	HORMESIS 2005:
Society's 2005 Annual Conference	IMPLICATIONS FOR TOXICOLOGY, MEDICINE, AND RISK ASSESSMENT
June 6 - 8, 2005	University of Massachusetts, Amherst, MA US
Conference Coordinator	Denise Leonard, MSc
Registration Fees	Full Three Days: \$399
	Full Three Days for International Hormesis Society Members: \$299
	Government and Academic Rate: \$199
	Government and Academic Rate for International Hormesis Society Members: \$149
	Student Rate: \$99
	Student Rate for International Hormesis Society Members: \$74
Award Recipient for "Outstanding New Researcher in the Field of Hormesis"	Instituted in 2007
Award Recipient for "Outstanding Senior Researcher in the Field of Hormesis"	Instituted in 2007
Platform Presentation:	Moderator: Edward J. Calabrese, University of Massachusetts, Amherst
Plenary	
	Hormesis in Precautionary Regulatory Culture: Models Preferences and the Advancement of Science
	Jaap C. Hanekamp, CEO HAN, Zoetermeer, The Netherlands
	Stochastic Thresholds: A Novel Explanation for Nonlinear Dose-Response
	Bobby Scott, Lovelace Respiratory Research Institute, Albuquerque, NM
	The Risk Communication Challenge of Hormesis
	David Ropeik, Harvard University, Boston, MA
	The Emergence of Hormesis in Biology, Toxicology, and Medicine
	Edward Calabrese, University of Massachusetts, Amherst, MA
Platform Presentation: Radiation	Moderators: Bobby Scott, Lovelace Respiratory Research Institute, Albuquerque, NM, Pamela Sykes, Flinders University and Medical Centre, Bedford Park, South Australia, Australia
	Transitions in Biology and the Shape of Radiation Dose-Response Relationships
	Antone Brooks, Lezlie A. Couch, Washington State University TriCities, Richland, WA
	Complex Mutagenesis Dose-Response Relationships after Exposure of pKZ1 Mice to DNA Damaging Agents
	Pamela Sykes, Tanya K Day, Sarah Swinburne, Gouxin Zeng, Antony M. Hooker, Flinders University and Medical Centre, Bedford Park, South Australia,
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	Multiple Effects of Low Lead Levels in Swiss Mice Ivo Iavicoli, Giovanni Carelli, Catholic University of Sacred Heart, Rome, Italy Edward J. Stanek III, University of Massachusetts, Amherst, MA Nicol. Castellino, Catholic University of Sacred Heart, Rome, Italy Edward J. Calabrese, University of Massachusetts, Amherst, MA
	Is Hormesis in Cellular Repair Mechanisms Induced by Water Disinfectant By-Products Harmful or Beneficial? A hmed E. A hmed, University of Texas Medical Branch, Galveston, TX
Platform Presentation:	Moderator: Barbara Beck, Gradient Corporation, Cambridge, MA
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	The Use of an Evidence-Based Approach for Evaluating the Concept of Hormesis Philip S. Guzelian, University of Colorado, Englewood, CO
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	Hormesis into an Improved Understanding of Chemical Health Risks James S. Bus, Dow Chemical Company, Midland, MI
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	Effects of Low-Level Exposures to X-Rays on the Antitumor Functions of Murine NK Cells Ewa M. Nowosielska. Aneta Cheda. Iolanta Wrembel-Wardocka.

Tomasz Oldak, Marek K. Janiak, Military Institute of Hygiene and Epidemiology, Warsaw, Poland

Effects of Low-Level Exposures to X-Rays on Anti-tumor Functions of Murine Peritoneal Macrophages

Ewa M. Nowosielska, Aneta Cheda, Jolanta Wrembel-Wargocka, Marek K. Janiak, Military Institute

The Health Effects of Different Radiations

Y.C. Luan, M.C. Shieh, S.T. Chen, H. T. Kung, K. L Soong, Y. C. Yeh, T.S. Chou, W.C. Fang, S.L. Yao, C.J Pong, Nuclear Science & Technology Association, Sindian City, Taiwan, ROC

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Effects of Diluted Low Molecular Mediators on Activity and Patterns of Fungal Phenol-degrading Enzymes

Elzbieta Malarczyk, Marzanna Pazdzioch-Czochra, Anna Jarosz-Wilkolazka, Janina Kochmanska-Rdest, Aneta Grabarska, Anna Mielniczek, M.Curie-Sklodows ka. University, Lublin, Poland

Understanding the Hormetic Effect of Azadirachtin in an Insect System, Implications in Pest Management

Samindranath Mukherjee, Entomology Laboratory, National Chemical Laboratory (CSIR), Pune, Maharashtra, India

Valid Assessment of LDR Health Effects: Essential for Evaluating Radiological Risks

Theodore Rockwell, Radiation, Science & Health, Inc., Chevy Chase, MD

Radon Treatment Controversy

Zygmunt Zdrojewicz, MD, Akademia Medyczna (Medical School), Wroclaw, Poland Jodi Strzelczyk, Ph.D., University of Colorado at Denver, Denver, CO

Adaptive Response in pKZ1 Mouse Prostate after Exposure to Very Low Doses of X-Radiation

Tanya K. Day, Gouxin Zeng, Antony M. Hooker, Flinders University and Medical Centre, Bedford Park, SA, Australia Madhava Bhat, Royal Adelaide Hospital, Adelaide, SA, Australia Pamela J. Sykes, Flinders University and Medical Centre, Bedford Park, SA, Australia

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