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**Dr. Russell Thomas at The Hamner Receives
Society of Toxicology Achievement Award**
Award Recognizes Significant Contributions to Toxicology Field

RESEARCH TRIANGLE PARK, N.C – The Hamner Institutes for Health Sciences (The Hamner) has announced that Russell S. Thomas, Ph.D., director of the Center for Genomic Biology and Bioinformatics and senior investigator at The Hamner, has received the 2008 Achievement Award from the Society of Toxicology. The award honors a member of the Society of Toxicology who has less than 15 years experience since obtaining his or her highest earned degree, and who has made significant contributions to the field of toxicology.

The focus of Dr. Thomas' research at The Hamner is dedicated to studying how cellular processes are altered when an organism is exposed to chemicals or drugs. The metabolic responses of animals and human patients to disease, as well as to the desirable and adverse effects of drugs and chemicals, are very complex. Specifically, Dr. Thomas develops functional genomic screens to dissect cellular signaling pathways involved in toxicity. He applies genomic, proteomic, and metabonomic tools for identifying biomarkers, and integrates functional genomic screens with gene expression technology to identify secondary and tertiary gene expression cascades involved in toxicity.

The American Chemistry Council, the National Cancer Institute, the National Institutes of Environmental Health Sciences, the U.S. Army, Honeywell, Inc., and the Formaldehyde Council have all at various times awarded Dr. Thomas with grants and contracts for research. He maintains professional memberships in the American Association for the Advancement of Science as well as the Society of Toxicology. The author of numerous scientific articles, Dr. Thomas has served as an editorial and scientific referee for a number of professional journals, including Pharmacogenomics, EHP Toxicogenomics, Applied Genomics and Proteomics, Chemical Research in Toxicology, Life Sciences, Toxicological Sciences, Physiological Genomics, and Reproductive Toxicology. To review a full bio for Dr. Thomas, visit www.thehamner.org/translational-research/scientists/russell-thomas.html.

Related Links:

www.thehamner.org

www.toxicology.org

<http://en.wikipedia.org/wiki/Bioinformatics>

Quotes:

"I am greatly honored to receive the Achievement Award from the Society of Toxicology," said Dr. Thomas. "It is my hope that the work my colleagues and I are producing at The Hamner will continue to help the field of toxicology blossom with new findings."

About The Hamner Institutes for Health Sciences:

The Hamner Institutes for Health Sciences is a nonprofit research organization strategically located on a 56-acre campus in the heart of Research Triangle Park, North Carolina. For more than 30 years,

scientists at The Hamner have conducted preeminent research in environmental health sciences and chemical risk assessment. Built upon an integrated systems-biology platform, The Hamner has broadened its mission to include translational research in biopharmaceutical safety, metabolic disorders, respiratory diseases, oncology, and nanosafety. The site also includes an Accelerator, which houses emerging companies and provides opportunities to develop collaborative research and educational programs with academia, industry and government. The Hamner model for translational research and technology development capitalizes on innovation and partnering to discover safer drugs, spin out new companies, and support public health policy. For more information, visit www.thehamner.org or call (919) 558-1200.

TAGS:

The Hamner Institutes for Health Sciences, Nonprofit, Environmental Risk Assessment , Biomedical, Biotechnology, Research Triangle Park, RTP, Pharmaceutical Drug Development, Translational Biomedical Sciences, Public Health, Russell S. Thomas Ph.D, Russell Thomas, Society of Toxicology, Achievement Award

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