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May 13, 2006

**The Hamner Institutes For Health Sciences Researchers Present At
2008 Respiratory Drug Delivery Conference**
*Local Scientists Will Address New Research
In Developing Nasal And Inhalation Drugs*

RESEARCH TRIANGLE PARK, N.C. – The Hamner Institutes for Health Sciences (www.thehamner.org) will present one paper and two posters at the 2008 Respiratory Drug Delivery (RDD) Conference on May 11-15 at the Westin Kierland Resort & Spa in Scottsdale, Ariz. The Hamner scientists presenting at the 2008 RDD Conference are:

Bahman Asgharian, Ph.D., associate investigator, Division of Computational Biology at The Hamner

- **Poster Topic:** Preferential Deposition of Inhaled Particles in the Lung by Controlling Particle Properties

Guilherme Garcia, Ph.D., postdoctoral fellow in Biomedical Engineering and Fluid Mechanics at The Hamner

- **Paper Topic:** Inter-human Variability in Nasal Filtration of Inhaled Particles Among Nasal Replicas of Four Healthy Individuals

Jeffrey D. Schroeter, Ph.D., research investigator, Division of Computation Biology at The Hamner

- **Poster Topic:** Experimental and Computational Predictions of Particle Deposition in a Sectional Human Nasal Model

Dr. Schroeter's poster abstract was selected as one of top posters submitted for the 2008 Conference. In addition to presenting his work in the paper format, he will present a summary of his data and conclusions during the event's "Posters on the Podium" (POP) session on Tuesday, May 13, 2-3 p.m. in the Kierland Grand Ballroom. More than 150 posters were submitted for review. Only the top 5 were selected for the 2008 POP session.

Each of the presenting scientists from The Hamner focus their research in the organization's Center for Drug Safety Sciences, one of four coordinated Centers within The Hamner Institutes for Health Sciences. The Center for Drug Safety Sciences applies a systems biology approach to define, integrate and disseminate knowledge of the basic biology of disease and adverse drug effects in order to improve safety and public health decision making and advance the development of new and safe medicines.

The biannual USA RDD conference is the industry's leading event for scientists, managers and regulatory experts interested in the science, development, testing and regulations applied to nasal and pulmonary products. The conference plays host to a number of in-depth discussions on developing issues surrounding aerosol drug delivery, including new therapeutic opportunities and drug design technologies, progress in drug development alongside novel in vitro and in vivo testing methods, regulatory science, among others. More than 700 attendees are expected.

Related Links:

www.thehamner.org

www.thehamner.org/institutes

www.rddonline.com

www.rddonline.com/rdd/rdd.php?id=3

Quotes:

"Respiratory drug delivery is one of the major research centers of excellence at The Hamner Institutes," said Rick Williams, chief business officer. "Our scientists are actively involved in establishing research collaborations with bio/pharma and medical device companies to accelerate the development of new inhalation-delivered drugs."

About The Hamner Institutes for Health Sciences:

Strategically located on a 56-acre campus in North Carolina's Research Triangle Park, The Hamner Institutes for Health Sciences is a cross-disciplinary nonprofit organization that acts as a catalyst to facilitate scientific collaborations – both locally and internationally – between academia, the private sector and government. For more than 30 years, Hamner scientists have been recognized for their public-policy leadership and research advances in fields such as risk assessment, dose-response modeling and inhalation drug delivery. For more information, visit www.thehamner.org or call (919) 558-1200.

Keywords:

The Hamner Institutes for Health Sciences, Respiratory Drug Delivery Conference, RDD Conference, Particle Dosimetry Models, The Multiple-Path Particle Dosimetry, MPPD, Translational Research, Public Health, Computational Science, Drug Safety Assessment, Drug Disposition, Drug Delivery, Technology Development, FDA Approval, Biotechnology, Dr. Charles Hamner, Environmental Risk Assessment, Pharmaceutical Drug Development, Translational Biomedical Sciences, The Hamner Accelerator for Translational Bioscience, Center for Drug Safety Sciences, Bahman Asgharian, Guilherme Garcia, Jeffrey D. Schroeter

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