

Symposium 2000

Tuesday, May 23, 2000

The National Institute for Environmental Health Sciences

CENTER FOR ENVIRONMENTAL AND RURAL HEALTH
Texas A&M University
College Station, TX 77843

Second Annual Scientific Symposium
GENOMICS & PROTEOMICS:
Innovations in Environmental Health Research

Tuesday, May 23, 2000
Lecture Hall 101
Veterinary Multidisciplinary Building

TENTATIVE PROGRAM

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|-------------|---|
| 8:00 - 8:30 | Coffee |
| 8:30 - 8:50 | Welcome - Kenneth S. Ramos, Director, The Center for Environmental and Rural Health |
| 8:50 - 9:20 | Functional Genomics: Solutions to Complex Biological Problems
Terry L. Thomas, Tzung-Fu Hsieh, Huey-wen Chuang
Department of Biology, Texas A&M University |
| 9:20-9:30 | Discussion |
| 9:30-10:00 | Image Analysis and Signal Processing for cDNA Microarrays
Edward Dougherty 1 , Seungchan Kim 1 , Yidong Chen 2 ,
Michael Bittner 2 , Paul Meltzer 2 , Jeffrey Trent 2
1 Department of Electrical Engineering, Texas A&M University
2 National Human Genome Research Institute, Bethesda, MD |
| 10:00-10:10 | Discussion |
| 10:10-10:20 | Break |
| 10:20-10:50 | Structure-Based Drug Design
James Sacchettini |
| 10:50-11:00 | Discussion |

11:00-11:30	Proteomics: The Challenge to Mass Spectrometry David H. Russell, Zee-Yong Park, William K. Russell Department of Chemistry, Texas A&M University
11:30-11:40	Discussion
11:40-1:00	Lunch Furnished: Mark Francis Room, Administration Building
1:00-1:20	Protein Identification and Microcharacterization in Environmental Health Research Larry Dangott
1:20-1:25	Discussion
1:25-1:45	Functional Genomics: Gene Targeting and Phenotyping Ann Kier
1:45-1:50	Discussion
1:50-2:10	Automation in PC-Based Vision Applications: Real-Time Data Acquisition and Analysis Robert C. Burghardt, R Barhoumi, Youssef Mouneimne
2:10-2:15	Discussion
2:15-3:45	Poster Presentations/Mixer
3:45-4:00	Poster Awards/Closing