



2006 FDA Science Forum

A CENTURY OF SCIENCE: PIONEERING THE FUTURE OF PUBLIC HEALTH
Washington Convention Center • April 18-20, 2006



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INSTITUTE OF MEDICINE
OF THE NATIONAL ACADEMIES



DEADLINE FOR ABSTRACT SUBMISSION EXTENDED TO MARCH 10th, 2006

ABOUT THE SCIENCE FORUM

The FDA Science Forum is a unique conference that brings together FDA scientists and clinicians with their counterparts in industry, academia and government in an informal environment that promotes open discussion of how emerging science and technology can be effectively applied in support of the FDA's public health mission. At the agency's Centennial Science Forum, it is important to revisit that investment in regulatory science and communicate not only the tangible results of that investment, but highlight the process by which that original commitment to high quality scientific achievement will translate into the future of science at FDA. In addition to plenary lectures on innovation and public health preparedness, the Science Forum features a large number of general sessions, a poster session and a lay public session over two-and-one-half days.

CALL FOR ABSTRACTS - **Deadline, March 10**

The Science Forum poster session is open to all attendees. This offers an opportunity for informal scientific exchange with colleagues. Last year's poster session featured over 450 posters. Complete information and instructions for on-line abstract submission can be found on the Science Forum web site listed in the box below.

Poster categories:

- Analytical Chemistry: Methods Development and Applications
- Biological Endpoints: Microbiology, Virology, Allergenicity, Biochemistry, Toxicology
- Biological Endpoints, Biomarkers, Surrogate Markers, and Imaging Technologies Genomics, Proteomics, Predictive Toxicology and Modeling
- Predictive Pharmacokinetics and Pharmacodynamics
- Medical Product Design, Characterization, and Manufacturing
- Biostatistics and Design and Evaluation Of Clinical Trials
- Process Analytical Technology (PAT) and Pharmaceutical Technology
- Risk Management, Risk Assessment, and Risk Communication for Drugs and Foods
- Counterterrorism and Food Safety
- Regulatory Sciences, Science Communication, Policy, Leveraging, Outreach
- Validation, Testing, Standardization, and Quality Assurance
- Engineering and Physics
- Bioengineered Tissues, Biomaterials, Stem Cell and Other Cellular Products
- Obesity and Nutrition
- History of FDA at the Centennial

PROGRAM SESSIONS

The 2006 Science Forum will include 23 sessions, featuring presentations by top experts from FDA, industry, academia and other HHS components. Session topics, listed below, span the breadth of FDA's regulatory responsibilities, bringing the latest thinking in innovative approaches to the important regulatory mission of the agency.

Sessions on medical product development:

- "Omics" along the Critical Path to New Medical Products
- Personalized Medicine
- Novel Approaches to Cancer Therapy and Monitoring
- Partnering on the Critical Path to New Products
- Bringing home Biomarkers: Science, Regulation, and Common Sense
- The Impact of the Pediatric Experience on the FDA: Where We Have Been and Where We Are Going

Sessions on new challenges in public health: natural disasters, plagues and the human-animal interface

- Preparing for and Preventing a Modern Plague: Focus on Avian Flu
- Rapid Detection of Multiple Pathogens
- Public Health Considerations During Natural Disasters
- Current Challenges in the Treatment of Parasitic Diseases in Humans and Animals
- Blood and Tissue Safety

Sessions on Cutting-Edge Technology:

- Nanotechnology
- Bioinformatics
- Combination Products
- Minimally Invasive Devices

Sessions on Food and Cosmetics:

- Seafood Safety: From Algae to Aquaculture
- Body Marking: Tattoos, Permanent Make-up and Laser Removal
- Obesity

Sessions on quantitative approaches to regulation

- Advances and Frontiers in Using Records Databases for Surveillance of Medical Products
- Risk-Based Inspections and Surveillance
- Clinical Trials and Statistics
- Managing Uncertainty in Risk Assessment: Probabilistic Approaches

Session on FDA history

- FDA Science at the Centennial: History and Perspective

For Additional Information
Including registration, abstract submission,
preliminary program, past abstracts, please visit:
<http://www.fda.gov/scienceforum>