



Taking Flight: The Future of Bioscience

ABOUT THE CONFERENCE

In the 7th annual conference, the region's research institutions, federal agencies, industry, investors and service providers once again come together to discuss innovation and commercialization opportunities in the area of biotechnology. Is the OVALS region poised to take on a leadership role in the development of the next generation of technology?

The focus of this year's conference will look at

- o the major diseases driving biotechnology advances
- o game changing scientific advances
- o types of technology that will have major impact our health care in the future
- o funding priorities expected to emerge under the new political administration

The Ohio Valley Affiliates for Life Sciences (OVALS) is a collaborative effort of the University of Cincinnati, University of Louisville, Wright State University, University of Kentucky, Ohio University, Air Force Research Laboratory, BioOhio, Bluegrass Business Development Partnership, CincyTechUSA, Edison Biotechnology Institute, and Indiana Health Industry Forum.

FOR FURTHER INFORMATION

University Conferencing • Telephone: 513.558.1810 • Fax: 513.558.0385 • Web: www.OVALSgroup.org • E-mail: univconf@uc.edu

THURSDAY, APRIL 2, 2009

4:00 – 6:00 Registration

5:00 – 6:00 PM Opening Reception and Exhibits

Networking and Poster Competition

See novel ideas in research and technology development, meet the researchers, and help determine this year's winners.

6:00 – 8:00

Opening Dinner and Keynote Address: Diseases that Will Drive Future Technology and Opportunity

Michael Parkinson, M.D., MPH, Executive Vice President and Chief Health and Medical Officer, Lumenos, and Past-President, American College of Preventive Medicine

Dr. Parkinson is a recognized authority on disease and health issues impacting society. He is credited with helping Lumenos achieve many industry "firsts." He has served as deputy director of the Air Force Medical Operations and Chief of Preventive Medicine and is the immediate past chair of the American College of Preventive Medicine.

FRIDAY, APRIL 3, 2009

8:00 – 8:30 AM Registration and Continental Breakfast

8:30 – 9:30

Opening Keynote Address: Anticipated Funding Priorities Under the New Administration

Belinda Seto, Ph.D., Deputy Director, National Institute of Biomedical Imaging and Bioengineering

Dr. Seto is responsible for governance, oversight, and management of all aspects of the Institute's research and training mission. She represents the Institute in a number of Federal government-wide committees, including the White House initiatives on manufacturing, research business models, and the NIH Roadmap initiatives. Dr. Seto is a highly knowledgeable and outstanding speaker.

9:30 – 10:45

Technology Session 1: Nanoparticles, Toxicity, Characterization and Sensors

Matt Hedrick, President and CEO, Nanovis Inc. and Dawn P. Wooley, Ph.D., Associate Professor, Virology, Wright State University

Nanotechnology is predicted to have the same revolutionary impact in the next century, as did television, airplanes, and computers in this century. It offers solutions to some of our toughest

THIRD ANNUAL RESEARCH FAIR AND CASH AWARDS

Innovation and opportunity starts NOW. Submit your scientific poster and abstract to be eligible for a cash award of up to \$1000. Visit www.ovalsgroup.org/poster_competition.asp for the application process.

WHY YOU SHOULD ATTEND

This conference is a "must" for anyone interested in commercialization of new life sciences technologies, collaboration opportunities, and creating economic impact. This includes university researchers and administrators, technology transfer professionals, corporate scientists, business development professionals, state and local economic development officials, attorneys, investors, incubators, and entrepreneurs. The OVALS Conference is an important forum for exposure to the thinking of national leaders, opening up strategic dialogues, expanding opportunity, and networking.

GENERAL INFORMATION

Accommodations • The conference will be held at the Dayton Marriott Hotel, 1414 S. Patterson Blvd. in Dayton, Ohio. A block of rooms has been reserved at the Marriott at a special rate of \$119 plus tax, single or double. Please make your reservation by calling 800.450.8625 or 937.223.1000 by March 13 and identifying yourself as a participant of the OVALS Conference. You may also reserve online at www.dayton-marriott.com; the group code is OVLOVLA. After March 13, rooms may be reserved on a space and rate available basis only.

Fees • The conference registration fees (\$150 regular registration, \$95 academic, and \$50 student) include conference materials, dinner on Thursday, continental breakfast and lunch on Friday, and refreshment breaks.

Refunds • If you register and find you are not able to attend, you will receive a full refund by calling 513.558.1810 or e-mailing univconf@uc.edu by March 26, 2009. No refunds will be processed after this date. Substitutions may be made at any time.

Exhibits • The fee for an exhibit table is \$250 per table and includes one conference registration. Please mark the appropriate box on the registration form.

problems and will spawn brand new industries around it. Issues to be resolved include short and long-term effects of exposure, characteristics and levels of exposure that are toxic, precautionary measures for reducing/eliminate risk, and monitoring technologies to measure the presence of nanoparticles in the environment.

11:00 – 12:30 Technology Session 2: Medical Devices

Paul A. Spence, M.D., President, SCR Inc.; Ruth Voor, Owner, Vortecom and Former Director, Global Product Marketing, Cordis Corporation; and Mike Hiles, Ph.D., Vice President for Research and Clinical Applications, Cook Biotech, Inc.

This session will discuss current trends in the development of medical devices from the perspective of a large pharmaceutical company, development of biomaterials from natural tissue sources for medical products, surgical applications, and start-up company opportunities.

12:30 – 1:30 Lunch

1:30 – 2:45 Technology Session 3: BioSafety Technologies

Richard Stotts, Ph.D., Session Chair, Counterproliferation Branch Technical Advisor, AFRL; Radislav Potyrailo, Ph.D., GE Research Center, Chemical and Biological Sensing Laboratory; and Gary Wilson, Manager, Animal Identification Systems, Ohio Department of Agriculture

The development of new technologies to address the growing threat of bioterrorism is a major priority in the US and around the world. This panel of experts will discuss biosafety technology related to detection and diagnosis of biological warfare agents, response systems, and threats to our agricultural industry. Discussion will include new technologies under development and future needs.

3:00 – 4:15 Technology Session 4: Stem Cell Technology

Gary Van Zant, Ph.D., Professor of Physiology, University of Kentucky College of Medicine, and Clinical Director, Stem Cell Processing Lab, UK Markey Cancer Center

How will stem cell based technologies impact treatment of such diseases as cancer, liver disease, diabetes, central nervous system disorders, and other major diseases? This session discusses new discoveries in the area of stem cell that will lead to major breakthroughs in the treatment of disease and future directions for stem cell research by government and industry.

2009 OVALS CONFERENCE REGISTRATION FORM Please print; duplicate as necessary.

Dr./Mr./Mrs./Ms. _____
First Last

Title _____

Department _____

Organization _____

Mailing Address _____

City _____ State _____ Zip _____

Day Phone _____ Fax _____

E-mail _____

I will attend the keynote and dinner on Thursday, April 2. Yes No

I will submit a poster for the Research Fair and Competition. Yes No

I have special dietary needs. _____

If you have special needs to accommodate a disability, please call 513.558.1810 by 3/20/09.

FEES

- \$150 Conference Registration \$95 Academic \$50 Student
- \$250 Exhibit Registration (includes conference registration)

PAYMENT

- _____ Total amount due
- Enclosed is my check or money order made payable to University of Cincinnati
- Purchase Order # _____
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7th Annual Conference



Sponsored by Ohio Valley
Affiliates for Life Sciences (OVALS)

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Air Force Research Laboratory
Bluegrass Business Development Partnership
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Indiana Health Industry Forum

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April 2-3, 2009 ■ Dayton Marriott Hotel ■ Dayton, Ohio



UNIVERSITY of LOUISVILLE



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University Conferencing
PO Box 210031
Cincinnati, OH 45221-0031

7th Annual Conference



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