Advancing Bioscience and Global Security

Washington, DC
June 29-30, 2011

collection.bio.org/biosecurity
The Biotechnology Industry Organization (BIO), in collaboration with the Partnership for Global Security (PGS) and the University of Pennsylvania Institute for Strategic Threat Analysis and Response (ISTAR), is pleased to host the second Biosecurity Conference. This conference represents an unprecedented opportunity to convene the broad and diverse stakeholder community responsible for innovations in life sciences related to the nation’s preparedness and the implementation of biosecurity policies.

One of today’s most complex global security challenges is how to protect and promote rapid advances in the life sciences to improve global public health and quality of life, while preventing the misuse of these advances. With its theme of “Advancing Bioscience and Global Security,” the Biosecurity Conference will gather a wide variety of stakeholders that have a role in managing the challenge of developing systems that recognize, respond and recover from biological attacks or events.

The organizers of this important conference have been working with administration officials, agency representatives, international governments, and industry to develop a program of biosecurity-focused sessions to be held June 29-30, 2011 at the BIO International Convention in Washington, DC. This one-and-a-half-day meeting will gather the key biotechnology, scientific and biosecurity opinion leaders from the private sector, government, public health, security and academic sectors from around the globe.

The Biosecurity Conference opens on June 29 with a high profile panel featuring key policymakers from the U.S. Congress, international governments and global security experts, discussing the most important issues related to U.S. and global preparedness. Additional panels on June 29 and June 30 will focus on globalizing public health and bio-surveillance, public-private partnerships for medical countermeasures, strategies to prevent biological threats, food and agricultural safety and security, and the importance of emerging technologies.

James C. Greenwood
President & CEO, Biotechnology Industry Organization (BIO)
Addressing the new and dynamic global challenges for biosecurity stakeholders

Join the discussion on this evolving and vital interrelationship with Obama administration officials, Congressional leaders, scientific and security policy experts and industry innovators at the second annual Biosecurity Conference, Wednesday-Thursday, June 29 – 30, 2011 co-located with the BIO 2011 International Convention in Washington, D.C.

Biosecurity Registration Grants You Access To:

- **Opening Biosecurity Conference Keynote Address** Featuring Senator Richard Burr (R-NC), former Senator Jim Talent, Co-Chair, WMD Commission, on Congressional views on domestic biodefense and international biosecurity initiatives
- **Closing Biosecurity Conference Keynote Address** featuring Ambassador Paul van den Ijssel, President of the 2011 Biological Weapons Convention Review Conference
- Targeted Sessions on topics such as global bio-surveillance, innovative financial solutions, the opportunities for public-private partnerships and managing technological innovation (see the full list of session descriptions and speakers below)
- **Access to the Wednesday, June 29 BIO Convention Keynote on the Future of Healthcare Reform featuring:**
  - U.S. Senator John Barrasso (R-WY)
  - Former U.S. Senator Tom Daschle
  - Governor Howard Dean
  - Republican Political Strategist Karl Rove
  
  *Moderated by Jim Greenwood, President & CEO, BIO*

- **Exposure** to a full range of biotechnology and biosecurity professionals from industry, government, and the research community
- **Full 3-Day Access to the Biosecurity Pavilion** and thousands of other global companies in the BIO Exhibition – including over 60 country and state booths.

Who Attends the Biosecurity Conference?

Biotech and life sciences professionals, U.S. and international government agencies, U.S. and international security policy experts, research community members, government contractors

- Confirmed attendee titles include: Vice Presidents, Executive Directors, Senior Directors, international government leaders, and Chief Medical and Scientific Officers.

Visit [convention.bio.org/biosecurity](http://convention.bio.org/biosecurity) for all sessions and event details.
Join us in the Biosecurity Pavilion in Hall A of the BIO Exhibition

Exhibitors include:

- BARDAGLOBAL
- CRDF
- CDC
- FBI's WMD Directorate
- Biological Countermeasures Unit
- Sandia National Laboratories

Profile your company at the 2011 Biosecurity Conference:
Visit convention.bio.org/biosecurity to learn how

Schedule at a Glance

Tuesday, June 28, 2011
10:00 am – 6:30 pm   Visit the Biosecurity Pavilion in the BIO Exhibition
5:00 pm – 6:30 pm   Enjoy the BIO Exhibitor Hospitality Receptions

Wednesday, June 29, 2011
8:30 am – 9:45 am   A View from the Hill: A Conversation on Global Biodefense and Biosecurity

**Richard Burr**, Senator (R-NC), Member; Senate Health, Education, Labor and Pensions, Armed Services, and Intelligence Committees; Co-Chair, WMD Terrorism Caucus and Senate Nanotechnology Caucus

**Jim Talent**, Senator; Co-Chair, WMD Commission

- Discuss Congressional views on domestic biodefense and international biosecurity initiatives.
- Review policy approaches to funding, implementing, and evaluating key biodefense and biosecurity programs.
- Evaluate needed policy initiatives to promote and prioritize global biosecurity.

Register at convention.bio.org/biosecurity
10:00 am – 11:30 am  Improving Global Bio-surveillance

Ben Petro, Department of Defense (Moderator)

- Dr. Pamela Diaz, Director for Biosurveillance Coordination, CDC
- Dr. Julie Fischer, Senior Associate, Stimson Center

- Examine efforts to improve bio-surveillance efforts around the world.
- Discuss roles in implementing bio-surveillance programs and integrating them with established global surveillance networks.
- Review bio-surveillance activities in the zoonotic, food, and agricultural sectors.

12:00 pm – 2:00 pm  

Wednesday Keynote: The Future of Healthcare Reform

Moderated by BIO’s President & CEO Jim Greenwood

The panel will include U.S. Senator John Barrasso (R-WY), former U.S. Senator Tom Daschle, Governor Howard Dean, and Republican political strategist Karl Rove. The panelists will discuss the challenges and opportunities associated with implementing “The Patient Protection and Affordable Care Act of 2009” as well as efforts to repeal and reform the law.

“This year’s BIO International Convention in Washington, DC presents the ideal venue for discussion among some of the greatest political minds of our time on restructuring of the nation’s healthcare system. It is critical for biotechnology leaders to be aware of the implications for the industry as the Obama Administration and Congress move forward with healthcare reform implementation.”

10:00 am – 5:00 pm  Visit the Biosecurity Pavilion in the BIO Exhibition

2:00 pm – 3:30 pm  Managing Global Challenges in an Evolving Threat Environment

Sponsored by: Sandia National Laboratories

- Dr. Gerald Epstein, Director of The Center for Science, Technology, and Security Policy, AAAS (Moderator)
- Dr. Eric Rose, President and Chief Executive Officer, SIGA Technologies, Inc.
- Dr. Ren Salerno, Sandia National Laboratories
- Alexander Garza, Assistant Secretary for Health Affairs, Department of Homeland Security

- Review the multiple challenges facing the implementation of global biosecurity practices.
- Examine efforts to assess the threats facing different regions.
- Describe approaches to the standardization of regulations, improving coordination of transportation, dispensing, and delivery across borders.
3:45 pm – 5:00 pm  Successes and Challenges in Public–Private Partnerships

Dr. Pat Scannon, Executive Vice President and Chief Scientific Officer, XOMA (Moderator)
Dr. Robin Robinson, Director, BARDA
Stephen Hill, President, 21CB
Gerald Parker, Deputy Assistant Secretary of Defense for Chemical and Biological Defense

- Review successful public-private partnerships’ management of complex arrangements or issues such as IP, legal issues, and manufacturing responsibilities.
- Highlight experiences implementing a complex, multi-site, multi-product research and manufacturing enterprise.
- Discuss potential solutions that will help lead to success.

7:45 pm – 9:30 pm  Gala Reception at Union Station

Thursday, June 30, 2011

8:30 am – 9:45 am  Financing Biodefense as a National Security Priority

Dr. Robert Kadlec, Vice President of Global Public Policy Sector, PRTM Management Consultants, LLC (Moderator)
Chris Darby, President and Chief Executive Officer, In-Q-Tel
Eric I. Richman, President and Chief Executive Officer, PharmAthene, Inc.

- Review existing methods for funding the countermeasures enterprise, including new initiatives to stimulate increased private sector involvement.
- Evaluate the criteria used by private capital firms to assess new technologies and products.
- Discuss ways that industry, government and equity firms can work together and what milestones would be appropriate in the countermeasures arena.

10:00 am – 11:30 am  Protecting the Unprotected: Countermeasures for At-Risk and Vulnerable Populations

Sponsored by: Bavarian Nordic
Mary Pendergast, Pendergast Consulting (Moderator)
Nicki Pesik, Centers for Disease Control and Prevention

Chief Gregg Lord, Commissioner, National Commission on Children and Disasters
Julie Block, President and Chief Executive Officer, National Eczema Association

- Detail the unmet need for medical countermeasures to protect all individuals.
- Evaluate past efforts to protect at-risk and vulnerable populations.
- Discuss approaches to integrating vulnerable populations into medical countermeasures planning, development, and dispensing.
10:00 am – 2:00 pm  Visit the Biosecurity Pavilion in the BIO Exhibition

11:45 am – 1:00 pm  Managing Technological Innovation in the New Era
Sponsored by: Pacific Northwest National Laboratory

Dr. Harvey Rubin, Director, ISTAR (Moderator)

Dr. Alan Rudolph, Director, Chemical and Biological Technologies Directorate, Defense Threat Reduction Agency

Antonietta Gatti, Italian Institute of Technology Project on Nanoeotoxicology

- Discuss the latest technologies, such as synthetic biology and nanotechnology, and their importance for facing new natural and man-made threats.
- Describe how technological innovation can be used to help prevent, identify or respond to emerging diseases.
- Evaluate how technological innovation may be used by rogue nations or select groups.

1:30 pm – 2:00 pm  Closing Keynote Address: “The Role of the BWC in a Biotech-Driven World”

Ambassador Paul van den Ijssel, President, 2011 Biological Weapons Convention Review Conference

- Explain the relevance of the 2011 BWC Review Conference to multiple constituencies.
- Discuss ways the BWC annual meeting process can enhance global biosecurity.
- Evaluate the Review Conference’s response to new and emerging technological threats.

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Book Your Discounted Housing:

You have a variety of housing choices in D.C. at discounted rates. Look for the blue travel planners seal when booking with BIO!

Book Online at [convention.bio.org/biosecurity](http://convention.bio.org/biosecurity)

Need to mention upgrade option of $295.00

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or +1.212.532.3895 (International)

Mon. – Fri., from 9:00 am to 7:00 pm EST