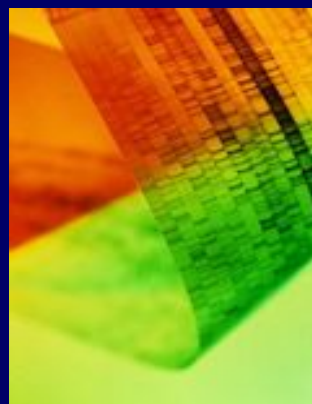


NSABB Working Group on International Engagement



**Dr. Stuart Levy, Co-chair IWG
NSABB Board Meeting
October 19, 2010**

Roster

Voting Members

- David R. Franz, DVM, PhD, Co-chair
- Stuart B. Levy, MD, Co-chair
- Kenneth I. Berns, MD, PhD
- Murray L. Cohen, PhD, MPH, CIH
- Michael J. Imperiale, PhD
- Stanley M. Lemon, MD
- David A. Relman, MD
- Anne K. Vidaver, PhD

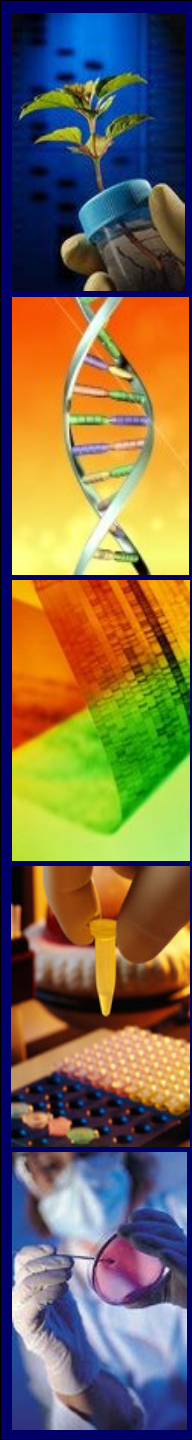
Agency Representatives

- Diane C. DiEuliis, PhD
- Amanda Dion-Schultz, PhD
- Dennis M. Dixon, PhD
- Peter Jutro, PhD
- Janet K.A. Nicholson, PhD
- Dana Perkins, PhD
- Christopher Park, PhD
- Edward H. You

NSABB IWG Aims

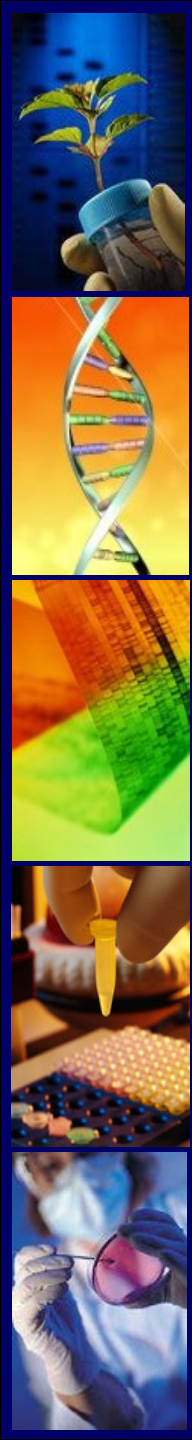
Developing and supporting the implementation of strategies to foster international engagement on issues related to dual use life sciences research

- **Raise awareness internationally**
- **Gain perspectives on international issues**
- **Expand DUR/C network**
- **Maintain awareness of global activities**



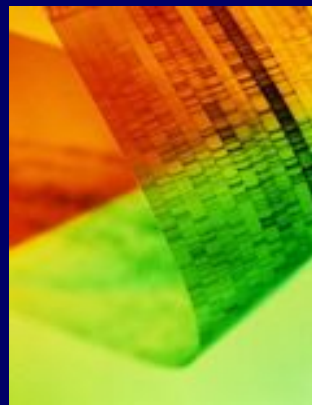
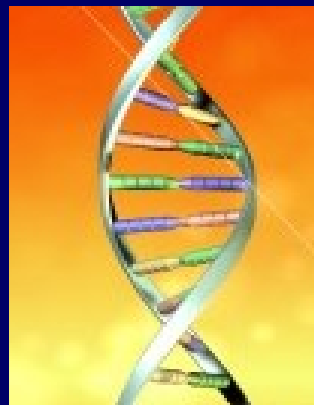
IWG Approaches

- **Host webcast series**
 - Focus on DUR/C awareness raising
 - Focus on topics of USG/NSABB interest
- **Facilitate international engagement activities**
 - In support of other NSABB and Workgroup efforts
 - Face-to-face international discussions
 - Facilitate participation at international meetings



Does Your Research Raise Security Concerns?

Strategies for Promoting Responsible Research in the Life Sciences



**Interactive International Webcast
September 22, 2010**

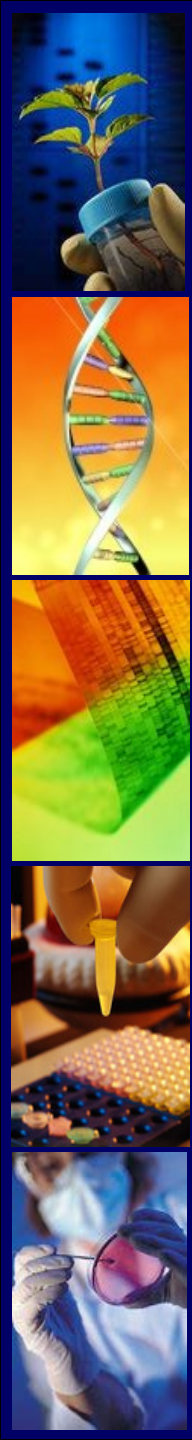
Does Your Research Raise Security Concerns?

- Sponsored by the USG
- Hosted by the NSABB
- In partnership with:



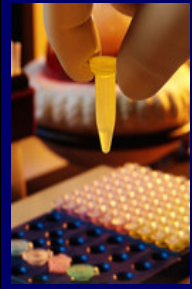
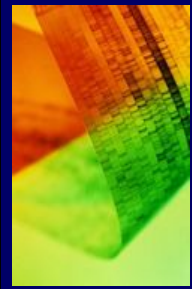
Webcast Objectives

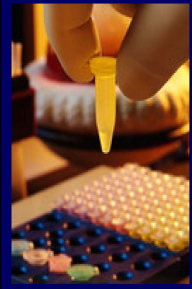
- Engage in a discussion of dual use life sciences research
- Focus: Europe
 - Increase awareness of dual use
 - Gain perspectives on DUR issues and topics
 - Share strategies for promoting responsible research
 - Expand DUR network



Webcast Structure

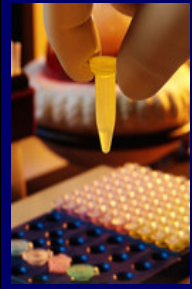
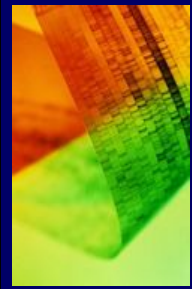
- **Understanding the Concept of “Dual Use Research” and “Dual Use Research of Concern”**
 - Discussion defining DUR and DURC
 - Case examples in the areas of antimicrobial resistance any synthetic biology
 - Commentary
- **Strategies for Promoting Responsible Research**
 - Presentation on relevant European activities
 - Discussion of NSABB Recommendations
- **General Panel Discussion and Audience Q&A**





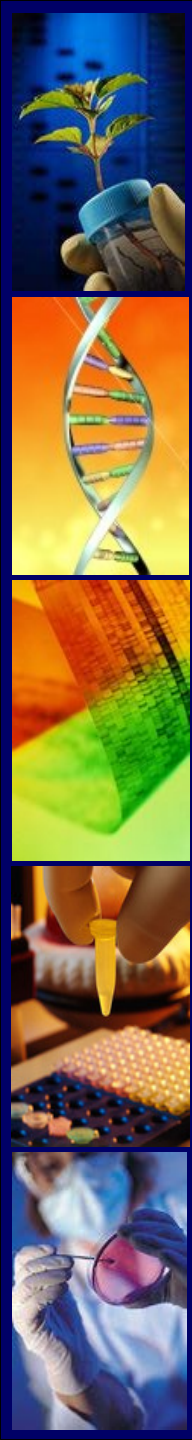
Panelists

- **David Franz, DVM, PhD**
 - Co-Chair, NSABB Working Group on International Engagement
- **Stuart Levy, MD**
 - Co-Chair, NSABB Working Group on International Engagement
- **David A. Relman, MD**
 - Member, NSABB Working Group on International Engagement
- **Andrzej Gorski, MD, PhD**
 - Vice President, Polish Academy of Sciences
 - Warsaw, Poland
- **Mihail Kritikos, PhD**
 - Research Program Manager, European Commission
 - Brussels, Belgium
- **Oscar P. Kuipers, PhD**
 - Molecular Genetics Group, Groningen Biomolecular Sciences and Biotechnology Institute
 - Groningen, The Netherlands



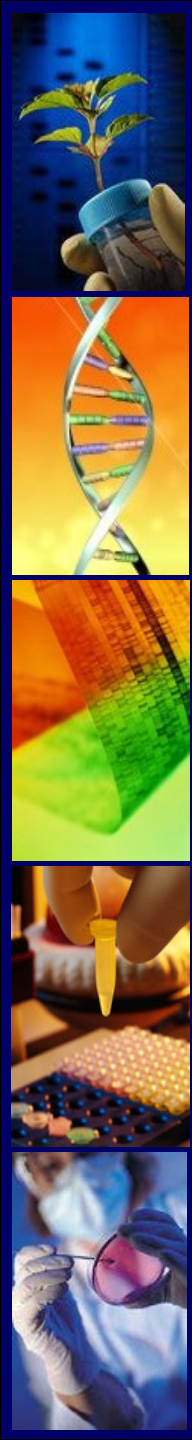
Panelists (cont.)

- **Linda Miller, PhD**
 - Associate Dean for Basic Sciences, NYU School of Medicine
 - Former U.S. Executive Editor, *Nature* and the *Nature Journals*
- **Gerald Parker, DVM, PhD, MS**
 - Principal Deputy Assistant Secretary for Preparedness and Response, Department of Health and Human Services
- **Amy P. Patterson, MD**
 - Acting Associate Director for Science Policy, NIH
- **Guenael R. Rodier, MD**
 - Director, Communicable Diseases, World Health Organization
 - Copenhagen, Denmark
- **Markus Schmidt, PhD**
 - Board Director, Organization for International Dialogue and Conflict Management
 - Vienna, Austria



Webcast Evaluation

- **Viewership**
 - Number of viewers (live and archive)
 - Location of viewers (live and archive)
 - Number and location of questions emailed
- **Technology challenges**
 - Flash failure
- **Program Structure**
- **Panel**



Total Viewers

Country	Viewers	
	Live	Archive #
France	4*	8
Germany	1	2
Italy	1	
Denmark		2
Belgium		3
Austria		2
Luxembourg	1	
Netherlands	3*	3
Poland	5*	5
Switzerland	4*	2
United Kingdom		1
Andorra		1
Finland		
Europe Total	19	29
Israel	1	1
Pakistan	3	
South Africa	1	
China		10
Australia		1
Other total	5	12
United States	136	49
Unassigned	13	4
Total	173	94

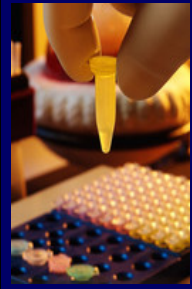
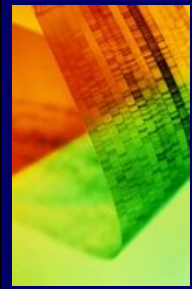
* Includes embassy reps
updated as of 10/18/2010

18%

6%

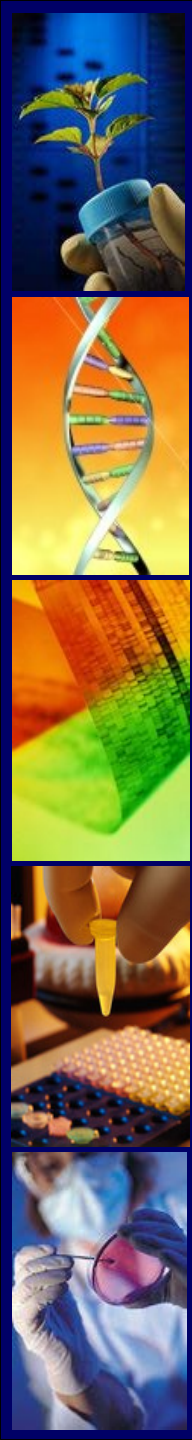
69%

6%



Webcast Conclusions

- **Modest live and archived viewership**
 - Diverse geographic representation
- **Stimulating and informed questions**
 - Leading to productive panel discussion
- **International engagement**
 - Good representation on the panel
 - Partner organizations

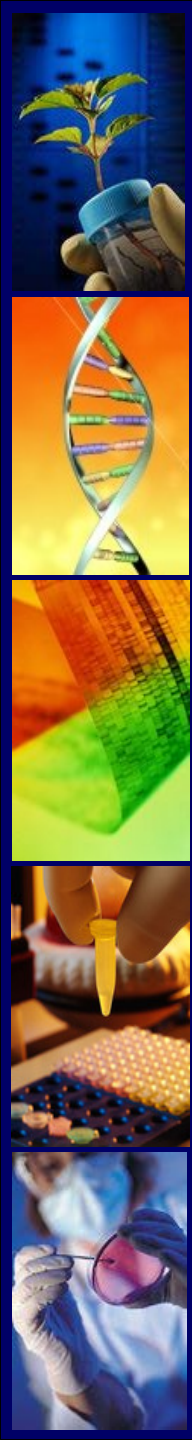


Webcast: Next Steps

Archived version of the webcast is available on the web:

– http://oba.od.nih.gov/biosecurity/internationalwebcast_europe2010.html

- Additional publicity
- Tracking numbers of archive viewers
- Enhancing the use of archived webcast

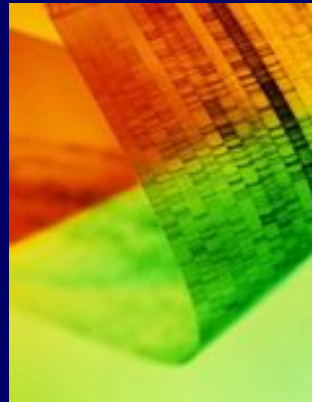
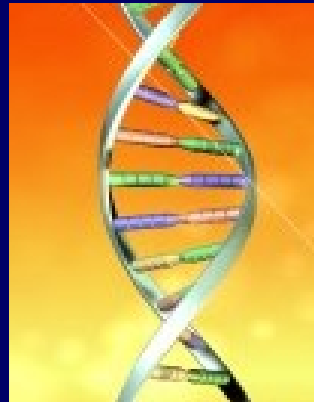


Geographic Distribution of International Engagement

(Current Countries Engaged)



Strengthening the culture of responsibility with respect to dual use research and biosecurity



**Videoteleconference
November 1st 2010
Beijing**

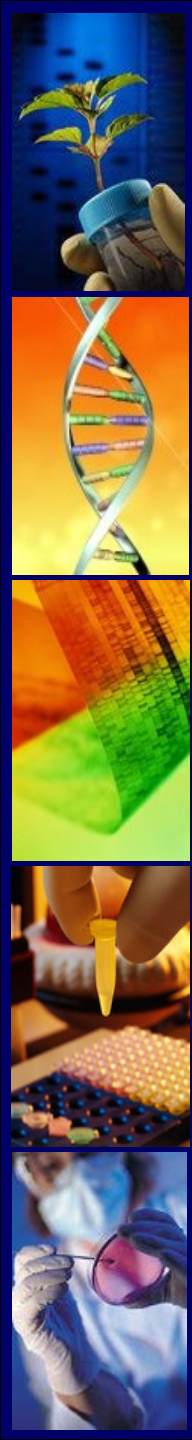


Strengthening the culture of responsibility with respect to dual use research and biosecurity

- **Videoteleconference with international scientific community**
 - **Satellite session of *Trends in Science and Technology Relevant to the Biological and Toxin Weapons Convention Workshop* in Beijing, China**
 - **Sponsors: NIH and the Chinese Academy of Sciences (CAS)**
 - Hosted by NSABB
 - In cooperation with the InterAcademy Panel, IUMS, IUBMB and NAS

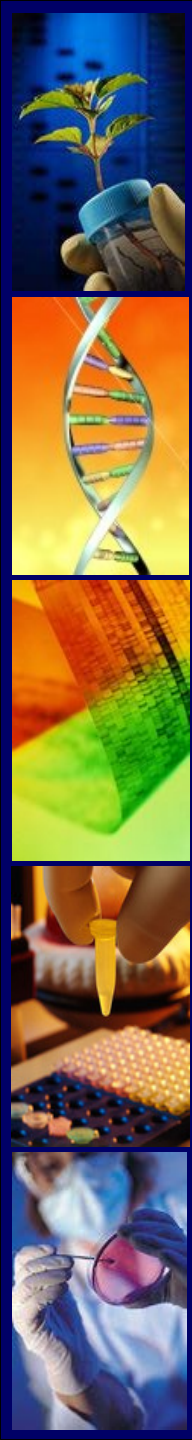
Trends in Science and Technology Workshop

- **Purpose of the workshop**
 - Survey key trends in science & technology relevant to the development of new or more deadly biological weapons
 - Identify developments in detection, diagnostics, therapeutics, or vaccines that could affect potential prevention and response to biological attacks
- **Expertise and geographic representation of participants**



NSABB/CAS VTC purpose

To engage attendees from diverse scientific disciplines in a discussion focused on the issue of culture of responsibility with regards to dual use research



NSABB/CAS VTC structure

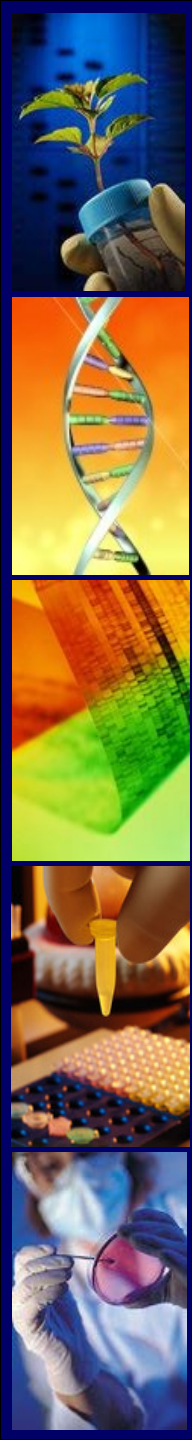
■ One hour session

– Participants

- Panel
 - Bethesda: Judge Susan Ehrlich, Dr. Paul Keim, Dr. Stuart Levy, and Dr. Amy P. Patterson
- Co-moderators
 - Beijing: Dr. Li Huang (CAS) and Dr. David Franz (NSABB)
- Workshop attendees

– Format

- Structured question and answer session with conference participants focusing on major issues, including:
 - Defining a culture of responsibility
 - Education and training
 - Codes of conduct



Moving forward

- Review of past activities
- Options for future activities
 - Spring 2011 international interactive webcast
 - Focus on Asia?
 - Global focus?
 - Video-teleconferences
 - Other types of events
 - Enhance network of partners
 - Expand and enhance publicity

