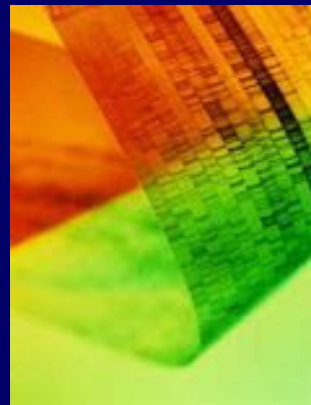
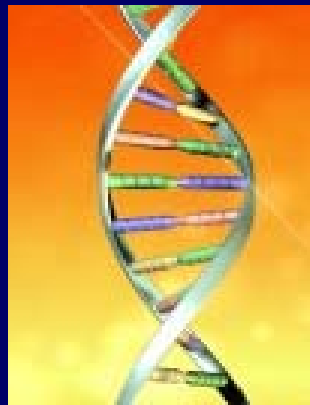


# Does Your Research Raise Security Concerns?

## Strategies for Promoting Responsible Research in the Life Sciences



**September 22, 2010**

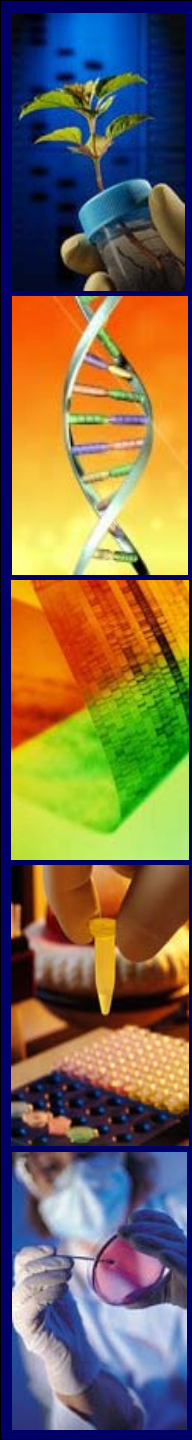
***Amy P. Patterson, M.D.***

***Acting Associate Director for Science Policy***

***US National Institutes of Health***

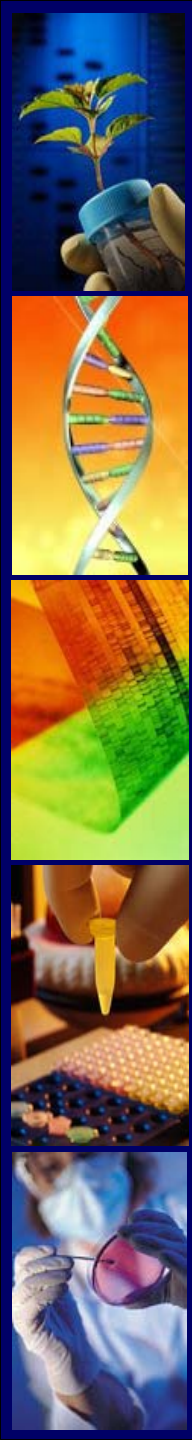
# Does Your Research Raise Security Concerns?

- **Sponsored by United States Government**
- **Hosted by the National Science Advisory Board for Biosecurity**
- **In partnership with:**
  - The European Molecular Biology Organization (EMBO)
  - The European Science Foundation (ESF)
  - The European Society of Clinical Microbiology and Infectious Disease (ESCMID)
  - Institut Pasteur (IP)



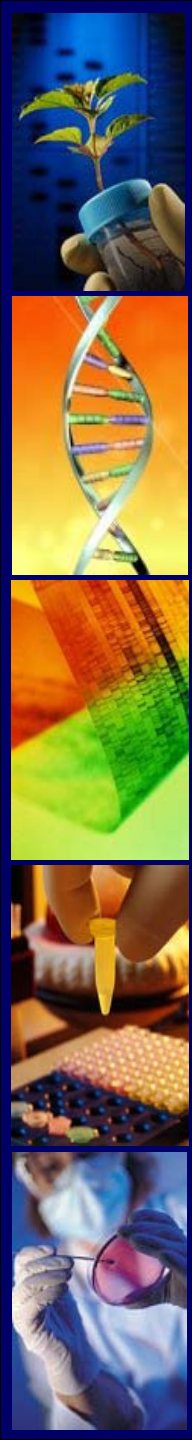
# NSABB Function

- **Provide advice and guidance regarding biosecurity oversight of federally funded/conducted dual use research**
  - Consider both national security concerns and the needs of the research community
- **Advise Secretary of the Department of Health and Human Services, the Director of the National Institutes of Health, and heads of USG entities that have an interest in life sciences research**



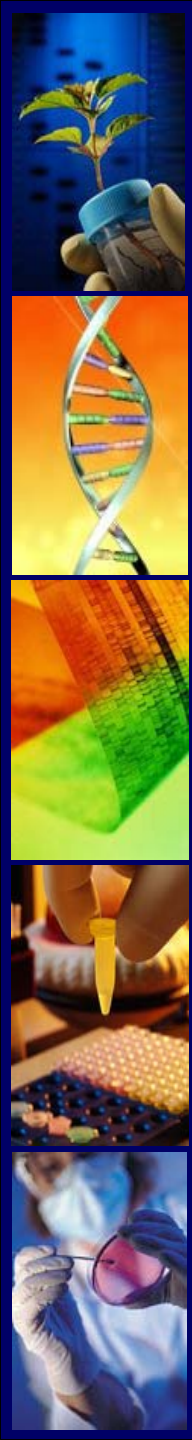
# Webcast Objectives

- Engage in a dialogue on the topic of dual use life sciences research, with the international community, in particular Europe
  - Increase awareness of the dual use issue
  - Gain perspectives on issues and topics related to dual use research
  - Share strategies for promoting responsible research in the context of dual use
  - Expanded network of those individuals and organizations interested in activities related to dual use research



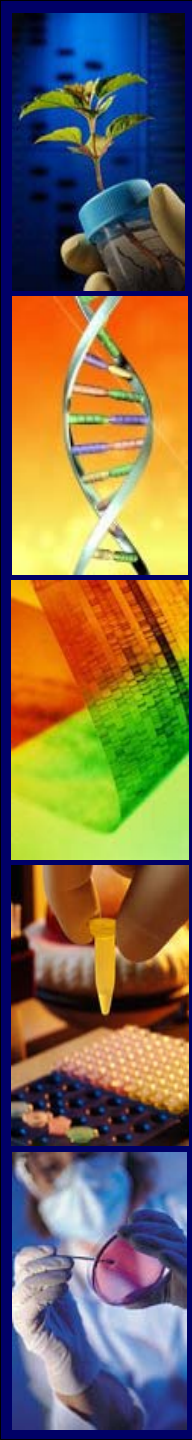
# Issues for Discussion

- Understanding the concepts of dual use research (DUR) and dual use research of concern (DURC)
- Examples from antimicrobial resistance and synthetic biology research that demonstrate the concept of DUR
- Strategies for promoting responsible research



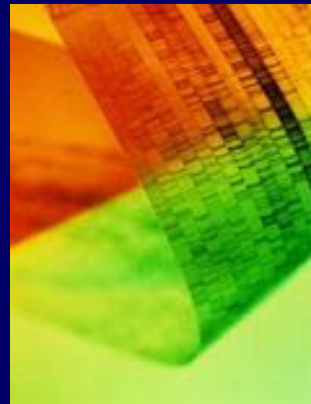
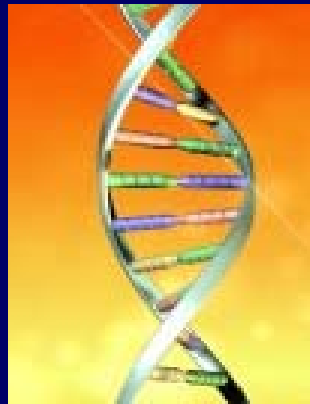
# Recent US Developments

- Development of USG policy on local and federal oversight of dual use research
- Revision of *The NIH Guidelines for Research Involving Recombinant DNA Molecules* to address Synthetic Nucleic Acid Molecules
- US government draft *Screening Framework Guidance for Providers of Synthetic Double-Stranded DNA*
- Periodic revision of:
  - Biosafety in Microbiological and Biomedical Laboratories
  - Select Agent Rules



# Does Your Research Raise Security Concerns?

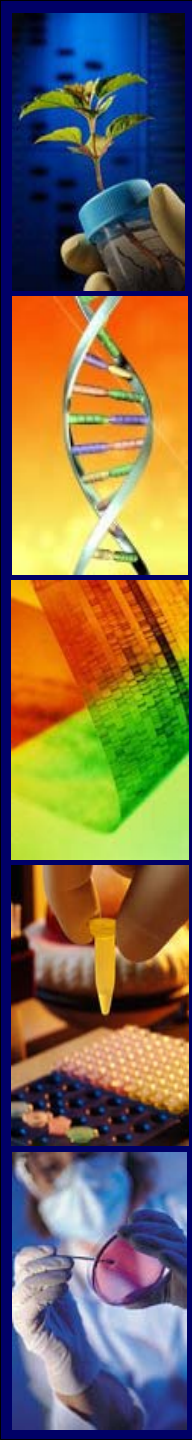
## Strategies for Promoting Responsible Research in the Life Sciences



*Andrzej Gorski, M.D., Ph.D.*  
*Vice President*  
*Polish Academy of Sciences*

# Structure of Webcast

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





# Submit Questions & Comments

**Via email:**

**[durwebinar@mail.nih.gov](mailto:durwebinar@mail.nih.gov)**

