



## Implementation in Action: IAP's Experience in Engaging Scientists in Biosecurity

Side event: Meeting of States Parties, Biological Weapons Convention, 7 December 2017



### Membership

More than 130 national, regional and global academies



IAP for Science

IAP for Health  
78 members, of which  
52 also belong to IAP for Science



## Strategic Priorities

- Provide evidence-based advice and perspectives on global issues.
- Strengthen the global scientific enterprise.
- A scientifically literate global society.
- Strengthen the global network, including supporting the creation of new academies in countries where they are not yet present.



08/12/2017

## Strategic Priority 2: Provide evidence-based advice and perspectives on global issues.

**Statements** – Short (2-3 page) documents that provide a synthesis the latest research findings on topical issues and provide advice and recommendations to policy-makers.



IAP Statement on 'Realising Global Potential in Synthetic Biology: Scientific Opportunities and Good Governance'  
May 2014



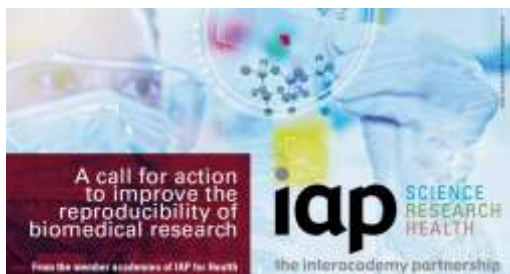
IAP Statement on 'Antimicrobial Resistance: A Call for Action'  
November 2013

08/12/2017

## Strategic Priority 2: Provide evidence-based advice and perspectives on global issues.

### Statements

- Produced by an expert working group, approved by IAP Executive Committee;
- **Endorsed** by majority of member academies;
- Global press release – typically timed to a suitable international event;
- Parallel editorial/commentary in learned journal, e.g. *Nature*, *The Lancet*;
- Released nationally by member academies with their own, locally adapted press release and media event;
- Translated into local languages by member academies.



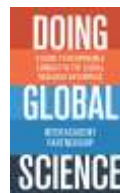
Sept. 2016

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## Strategic Priority 3: Strengthen the global scientific enterprise.

### Programmes for:

- Responsible conduct of research
- Women in science
- Young scientists  
- including support for the GYA.



**2016:** Doing Global Science: A Guide to Responsible Conduct in the Global Research Enterprise

IAP Statement on 'Biosecurity'  
December 2005 – issued ahead of the Meeting of States Parties of the Biological Weapons Convention (5 - 9 December 2005) in Geneva.



**2016:** Women for Science: Inclusion and Participation in Academies of Science

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## Ongoing project:

### Promoting responsible research and biosecurity

- Biosecurity Working Group established in 2005;
- Comprises academies of science from both developed and developing countries;
- Interacts regularly with BWC.

Understanding Pathogenicity:  
A Workshop for the BWC Meeting of  
Experts

Aug 2014

Advances in Design and Use of  
Microbial Production Systems:  
A Workshop for the BWC Community

Aug 2015



June 2016



Sept 2016

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## Ongoing project:

### Promoting responsible research and biosecurity



#### Assessing the security implications of genome editing technology

- Herrenhausen, Hanover, Germany
- 11-13 October 2017
- Report due before end of 2017



08/12/2017



# Thank you!

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