

From: Rüßmann, Mareike
To: [Rüßmann, Mareike](#)
Cc: [Ebeling, Katja](#); [Sawyer, Keegan](#)
Subject: Detailed information / international workshop
Date: Wednesday, September 20, 2017 2:56:21 AM
Attachments: [Factsheet Int. WS.pdf](#)
[Programme International Workshop.pdf](#)

Dear speakers, chairs and committee members,

We very much looking forward to welcoming you to our international workshop „ Assessing the Security Implications of Genome Editing Technology” on October 11th - 13th, 2017 .

Please, find attached the organizational details of our workshop.

We would like to ask you to make sure that your flight has been booked by yourself or with assistance of our travel agency Zeck Travel.

Have a good journey.

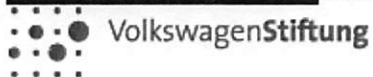
Kind regards,
Mareike Rüßmann

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Assessing the Security Implications of Genome Editing Technology

Hanover, Germany, October 11-13, 2017

Venue:	Herrenhausen Palace Alte Herrenhäuser Straße 5, D-30419 Hannover Tram stop "Herrenhäuser Gärten": Take Line 4 or 5 to "Stöcken" or "Garbsen"
Useful telephone numbers:	Celina Adrion: +49 511 8381-233; +49 172 4544098 (cell) Switchboard Volkswagen Foundation: +49 511 8381-0 (landline)
Technical details (presentations):	Please bring your presentation on a stick on the day of your talk or send it to [REDACTED] a few days in advance of the event. A laptop, beamer, backdrop and presenter will be provided. When using a Mac, please bring your own adapter for your notebook.
Flight booking:	If you haven't already booked your flights please contact Sabine Zeck at "Zeck Travel" (info@zecktravel.de) until September 22, 2017. Speakers and Chairs from Germany: Please book your train tickets yourself and keep the receipts for reimbursement.
Accommodation:	We have reserved a room for you at the Grand Hotel Musmann in Hanover according to your response form you sent. The room will be booked in your name. The Grand Hotel Musmann is conveniently located in the center of Hannover right across from Hanover's Central Station. The address of the hotel is: Grand Hotel Musmann, Ernst August Platz 7, D-30159 Hannover Telephone: +49 (0) 511 36560, Email: Grandhotel@Hannover.de / http://www.grandhotel.de/
Transportation in Hanover	The Airport train (S-Bahn 5) to Hanover Central Station (Hannover Hbf) runs regularly and takes about 20 minutes. Please buy a 2-Zone-Ticket (3,30 €/price 2017) before starting your journey. You will be given a 3 day travel card for your journeys in Hanover at the hotel check-in.
Reimbursement:	You will be reimbursed for your travel expenses after the conference. Please state your claims within three months after the conference. Please fill in the form which will be send to you after the workshop. Please note: We are not able to reimburse you for any meals you might buy on the trip.



International Workshop Assessing the Security Implications of Genome Editing Technology

11-13 October, 2017
Herrenhausen Palace • Hanover, Germany

WORKSHOP PROGRAM

WEDNESDAY, 11th OCTOBER

09.00 A.M. - 1:00 P.M. REGISTRATION

Satellite Event:

09.00 A.M. - 1:00 P.M. **POLICY MINI-HACKATHON SATELLITE EVENT, GLOBAL
YOUNG ACADEMY (Invitation Only)**

12.30 P.M. LUNCH

01.30 P.M. WELCOME

Chair: Volker ter Meulen, InterAcademy Partnership

Wilhelm Krull, Secretary General, Volkswagen Foundation

Volker ter Meulen, InterAcademy Partnership

Thierry Courvoisier, European Academies Science Advisory Council

Diane Griffin, U.S. National Academies of Sciences, Engineering, and Medicine

Jörg Hacker, President, German National Academy of Sciences Leopoldina

02.00 P.M. KEYNOTE LECTURES: A NEW AGE OF BIOLOGY

Chair & Introduction: Indira Nath, All India Institute of Medical Sciences, New Delhi

Presentations (20 min each):

A New Age of Biology

Sir Venki Ramakrishnan, Royal Society

The Latest Advances in Genome Editing: Between Promise and Alarm

Robin Lovell-Badge, The Francis Crick Institute

**The Importance of Public Engagement for Discussions about Emerging
Technologies**

Dominique Brossard, University of Wisconsin-Madison

Questions & Answers

03.30 P.M. COFFEE BREAK

04.00 P.M **SESSION 1**
ADVANCES IN GENOME EDITING: PROMISE AND READINESS

Chair and Introduction: Bärbel Friedrich, Alfried Krupp Institute of Advanced Studies, Greifswald

Presentations (20 min each):

Genome Editing in Medicine
Duanqing Pei, Chinese Academy of Sciences

Genome Editing in Agriculture
Dan Voytas, University of Minnesota, St. Paul

Gene Drives: From Species Eradication to Species Preservation
Fred Gould, North Carolina State University

Genome Editing in Microbes
Lennart Randau, Max Planck Institute for Terrestrial Microbiology, Marburg

Questions & Answers

05.45 P.M. **SESSION 2**
ASSESSING THE SECURITY DIMENSIONS ASSOCIATED WITH SPECIFIC APPLICATIONS OF GENOME EDITING TECHNOLOGIES

Chair & Introduction: David Relman, Stanford University

Assessing the Security Implications of Emerging Technologies: What Do We Need to Know?
Piers Millett, Future of Humanity Institute, Oxford University

Questions & Answers

Introduction to the Breakout Groups
David Relman, Stanford University

06:30 P.M. **APERITIF**

07:00 P.M. **DINNER**

THURSDAY, 12th OCTOBER

09:00 A.M. **SESSION 2**
BREAKOUT DISCUSSIONS: ASSESSING THE SECURITY DIMENSIONS
ASSOCIATED WITH SPECIFIC APPLICATIONS OF GENOME EDITING

Breakout Group 1: Potential security concerns arising from human cell editing applications (Auditorium)

Chair: Anthony Perry, University of Bath

Speaker: Jonathan Moreno, University of Pennsylvania

Rapporteur: Johannes Fritsch, German Academy of Sciences Leopoldina

Breakout Group 2: Potential security concerns arising from applications in agriculture (Seminar 2)

Chair: Diane Griffin, US National Academies of Sciences, Engineering, and Medicine

Speakers: Joachim Schiemann, German Federal Research Centre for Cultivated Plants

Angelika Schnieke, Technical University of Munich

Rapporteur: Nina Hobbhahn, European Academies Science Advisory Council

Breakout Group 3: Potential security concerns arising from gene drive applications (Seminar 5)

Chair: Zachary Adelman, Texas A&M University

Speaker: Todd Kuiken, North Carolina State University

Rapporteur: Sarah Carter, Science Policy Consulting LLC

Breakout Group 4: Potential security concerns arising from microbial applications (Seminar 6)

Chair: Iqbal Parker, International Centre for Genetic Engineering and Biotechnology, Cape Town

Speaker: Bert Rima, Queen's University Belfast

Rapporteur: James Revill, University of Sussex

10.30 A.M. **COFFEE BREAK**

11.00 A.M. **SUMMARY OF SESSION 2**
BREAKOUT GROUPS AND PLENARY DISCUSSION

Chair: Ernst-Ludwig Winnacker, Human Frontier Science Program

Report Out from Human Cell Editing Group

Report Out from Agriculture Group

Report Out from Gene Drive Group

Report Out from Microbe Group

Discussion of Breakout Group Reports

12.30 P.M. **LUNCH (Ceremony Hall)**

01.30 P.M. **SESSION 3, Part I**
STRATEGIES FOR ADDRESSING POTENTIAL SECURITY RISKS OF GENOME EDITING

Chair and Introduction: Pilar Ossorio, University of Wisconsin-Madison

Panels (25 min each):

01.35 P.M. **Legal, Regulatory, and Policy Strategies for Genome Editing: General**
Michele Garfinkel, EMBO
S.R.Rao, Ministry of Science & Technology, Government of India

- 02.00 P.M. **Legal, Regulatory, and Policy Strategies: Security-Specific**
Daniel Feakes, Implementation Support Unit, Biological Weapons Convention
Catherine Rhodes, Center for the Study of Existential Risk, University of Cambridge
- 02.25 P.M. **Norms of Responsible Behavior and Voluntary Guidelines**
Indira Nath, All India Institute of Medical Sciences, New Delhi
Ulrich Sieber, Max Planck Institutes for Foreign and International Criminal Law
- 03.00 P.M. BREAK
- 03.30 P.M. SESSION 3, Part II
STRATEGIES FOR ADDRESSING POTENTIAL SECURITY RISKS OF GENOME EDITING
- Scientific and Technical Strategies**
Ursula Jenal, Jenal & Partners
Owain Edwards, Commonwealth Scientific & Industrial Research Organisation
- 03.55 P.M.. **Discussion with Session 3 Speakers**
- Introduction to the Breakout Groups**
Pilar Ossorio, University of Wisconsin-Madison
- 04.45 P.M. COFFEE BREAK
- 05.15 P.M. SESSION 4
BREAKOUT DISCUSSIONS: ADDRESSING AND MITIGATING POTENTIAL SECURITY RISKS ASSOCIATED WITH SPECIFIC APPLICATIONS OF GENOME EDITING
- Breakout Group 1: Mitigation to the risk of human cell editing applications**
(Auditorium)
Chair: Duanqing Pei, Chinese Academy of Sciences
Speaker: Abhimanyu Veerakumarasivam, Sunway University
Rapporteur: Johannes Fritsch, German Academy of Sciences Leopoldina
- Breakout Group 2: Mitigation to the risk of applications in agriculture (Seminar 2)**
Chair: Sarah Hartley, University of Exeter
Speaker: Rene Custers, Vlaams Institute for Biotechnology
Rapporteur: Nina Hobbhahn, European Academies Science Advisory Council
- Breakout Group 3: Mitigation to the risk of gene drive applications (Seminar 5)**
Chair: Elizabeth Heitman, University of Texas Southwestern Medical Center
Speaker: Ary Hoffman, University of Melbourne
Rapporteur: Sarah Carter, Science Policy Consulting LLC
- Breakout Group 4: Mitigation to the risk of microbial applications (Seminar 6)**
Chair: Herawati Sudoyo, Eijkman Institute for Molecular Biology
Speaker: Filippa Lentzos, Kings College London
Rapporteur: James Revill, University of Sussex
- 06.45 P.M. APERTIF AND POSTER SESSION
- 07.30 P.M. DINNER

FRIDAY, 13th OCTOBER**09.00 A.M. SUMMARY OF SESSION 4
BREAKOUT GROUPS AND PLENARY DISCUSSION**

Chair: Peter Mills, Nuffield Council

Report Out from Human Cell Editing Group
 Report Out from Agriculture Group
 Report Out from Gene Drive Group
 Report Out from Microbe Group

Report-Out from Policy Mini-Hackathon Satellite Event: Alexander Kagansky, University of Edinburgh

Plenary Discussion of Breakout Group Reports**10.30 A.M. COFFEE BREAK****11.00 A.M. SESSION 5
PUBLIC COMMUNICATION AND ENGAGEMENT ON POTENTIAL SECURITY
RISKS OF GENOME EDITING APPLICATIONS**

Chair & Introduction: Dietram Scheufele, University of Wisconsin-Madison

Commentaries (7 min each):**Science Journalism in a Changing World**

Volker Stollorz, Science Media Center Germany

The Science of Communicating Risks and Benefits: When, Why, and How?

Dominique Brossard, University of Wisconsin-Madison

Public Engagement: Rationales, Methods and Intended Outcomes

Jason Delborne, North Carolina State University

Lessons from Engaging Global Communities of Science

Elizabeth Heitman, University of Texas Southwestern Medical Center

**Connecting with Publics in a World of Twitter, Blogs, and Online News
Environments**

Reiner Korbmann, Wissenschaft Kommuniziert

Panel Discussion**12.30 P.M. SESSION 6
THE WAY AHEAD**

Chair: Robin Lovell-Badge, The Francis Crick Institute

Bärbel Friedrich, Alfred Krupp Institute of Advanced Studies, Greifswald
 Ernst-Ludwig Winnacker, Human Frontier Science Program
 Piers Millett, Future of Humanity Institute, Oxford University
 Peter Mills, Nuffield Council
 Indira Nath, All India Institute of Medical Sciences, New Delhi
 Dietram Scheufele, University of Wisconsin-Madison

01.15 P.M. CLOSING REMARKS

Volker ter Meulen, InterAcademy Partnership

01.30 P.M. END OF WORKSHOP / REFRESHMENTS

From: [Elizabeth Heitman](#)
To: [Ruth Vinciguerra](#)
Subject: EGR plans
Date: Friday, November 03, 2017 12:56:31 PM

Hi Ruth,

I have been dealing with odds and ends for much of the morning, and my earlier plan to come in for my 12-2 conference call and 2:30 interview with a residency applicant was revised when the residency applicant decided that she would rather have some personal conversation with the Pediatric Psych folks instead of "Global Mental Health." Since she has cancelled, I am going to skip the drive in and stay at my home computer.

I was pleased to get two requests to meet with/have lunch or dinner with Dr. Podolksy from faculty the Infectious Disease division of Internal Medicine. When my call ends at 2 I will call Terry Hurst (the AA of the division director, Dr. Perl) to find out when Dr. Perl has time on her schedule on Tuesday morning. I think that dinner will will be the more probable slot for her.

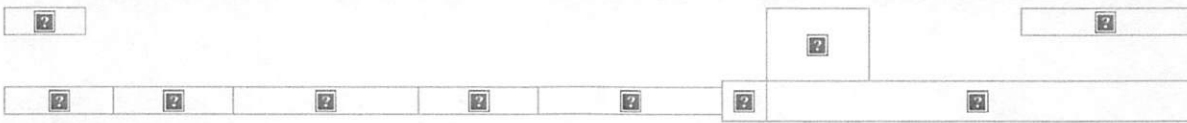
Would you please start a list of people who will be at lunch -- to date it is only 4 people, (Scott Podolsky, Liz Heitman, [REDACTED], Susana Lazarte) but I plan to send out the invitation to the Pharmacology department this afternoon.

I will be on my email while I am on the conference call, so please let me know if you've had any other requests from ID faculty for time with Dr. Podolsky.

Thanks!

Liz

From: americanairlines@aa.com
To: [redacted]; ruthwinciguerra@utsouthwestern.edu; Elizabeth Heitman; eheitman@comcast.net
Subject: Elizabeth Heitman 10/09/2017 trip details
Date: Saturday, October 07, 2017 11:20:14 AM



AA Record Locator: YDLKSC
Status: Ticketed - Aug 01, 2017

Your Itinerary

Carrier	Flight Number	Departing		Arriving		Booking Code	Meals
		City	Date & Time	City	Time		
AMERICAN AIRLINES	80	DFW Dallas/ Fort Worth	Oct 09, 2017 10:10 PM	LHR London	Oct 10, 2017 01:15 PM	N	Dinner Breakfast
AMERICAN AIRLINES OPERATED BY BRITISH AIRWAYS	6778	LHR London	Oct 10, 2017 05:10 PM	HAJ Hanover	Oct 10, 2017 07:45 PM	N	Food and Beverage for Purchase
AMERICAN AIRLINES OPERATED BY BRITISH AIRWAYS	6777	HAJ Hanover	Oct 14, 2017 11:20 AM	LHR London	Oct 14, 2017 12:00 PM	N	Food and Beverage for Purchase
AMERICAN AIRLINES	79	LHR London	Oct 14, 2017 03:15 PM	DFW Dallas/ Fort Worth	Oct 14, 2017 07:35 PM	N	Lunch Snack

Traveler Information

Passenger	Class	Seat Assignment
ELIZABETH HEITMAN	Economy	19J
ELIZABETH HEITMAN	Economy	
ELIZABETH HEITMAN	Economy	
ELIZABETH HEITMAN	Economy	21A

Traveling passengers may check in and obtain boarding passes for U.S. domestic electronic tickets within 24 hours of the flight time online at AA.com by using www.aa.com/checkin or at a Self-Service Check-In machine at the airport. Check-in options may be found at www.aa.com/options. For information regarding American Airlines checked baggage policies, please visit www.aa.com/baggageinfo.

Travelers must present a government-issue photo ID with either a boarding pass or a priority verification card at the security screening checkpoint

Please remember flight details are subject to change. In order to check a flight's status, gate, or departure and arrival time, go to www.aa.com and enter the flight information in the Gates and Times search area. In order to receive automatic notifications of flight changes, click on the Flight Status Notifications section on the www.aa.com homepage and enter the required flight and contact information.