

OCTOBER 11-13, 2017
HERRENHAUSEN PALACE, HANOVER, GERMANY
TRAVEL GRANTS

INTERNATIONAL WORKSHOP

ASSESSING THE SECURITY IMPLICATIONS OF GENOME EDITING TECHNOLOGY

THE TOPIC

The academies of science, including the InterAcademy Partnership (IAP), the European Academies Science Advisory Council (EASAC), the US National Academies of Sciences, Engineering, and Medicine (NASEM), and the German National Academy of Sciences Leopoldina, are convening an international workshop of experts in genetic engineering, security studies and public policy. This workshop will examine the latest advances in genome editing and analyse current and potential applications in a wide range of organisms such as microbes, plants, animals and humans. Participants will also address the debates about their potential risks and misuse. The need for international dialogue is particularly important because of the rapid development and wide-spread use of genome editing tools, such as the CRISPR-Cas9 system, in countries with various, sometimes divergent, regulations and governance of research. The project will explore near- middle- and long-term security concerns – relating to intentional misuse – that may arise from these applications and discuss technical, operational, regulatory and governance strategies that may aid the scientific and security communities in preventing or mitigating those security concerns. A report summarising the workshop discussions will be published jointly by the academies.

TRAVEL GRANTS

The Volkswagen Foundation offers travel grants for PhD students or early Post Docs (max. 5 years since PhD) researching on genome engineering or biosecurity and analysing current and potential applications in organisms such as microbes, plants, animals or humans. Applicants can win one of 20 travel grants to take part in the international workshop in Hanover, Germany. Up to five grants can be provided for science journalists from lower income countries. Successful applicants will get the chance to present their research in a Poster Session and/or Lightning Talk. The posters will be displayed during the entire workshop. The grants include travel expenses to and from Hanover, visa fees (if applicable), as well as accommodation in Hanover (excl. cab fares, parking, food and beverages while travelling as well as poster printing costs). Applicants are to apply until June 30, 2017 by using the application form. Please note that we're not able to accept applications after this deadline.

YOUR APPLICATION SHOULD CONTAIN THE FOLLOWING:

- An abstract of your research project (max. 2.000 characters)
- A short C.V. (max. 1.000 characters)
- A short list of your most recent publications (max. 5).

SELECTION

Participants will be selected by the steering committee. Acceptance will be based on qualification of the applicant as well as originality and potential of the research project.

USEFUL INFORMATION

APPLICATION DEADLINE: June 30th, 2017

DETAILED PROGRAM: Will be published as soon as all speakers and chairs have confirmed their participation.

QUERIES: Please contact

Pavel Dutow, Volkswagen Foundation, at +49/511/8183-396, or dutow@volkswagenstiftung.de and

Mareike Rübmann, Volkswagen Foundation, at +49/511/8183-335, or ruessmann@volkswagenstiftung.de.

ORGANIZERS



The National Academies of
SCIENCES • ENGINEERING • MEDICINE

European Academies



GORDON AND BETTY
MOORE
FOUNDATION



Leopoldina
Nationale Akademie
der Wissenschaften