Workshop of the „Project genetic enigneering and the environment“ on new genetic engineering techniques

Online Seminar, Januar 27th 2021, 10 am – 14:15 pm

Organizer: The Project Genetic engineering and the environment (FGU) with technical support from Testbiotech

The workshop of the Project genetic engineering and the environment is primarily held for NGOs that work on the new genetic engineering techniques such as CRISPR/Cas and want to obtain scientific information on related topics. The following topics will be presented and discussed:

- Genome editing and nature conservation

- Differences between genome editing and conventional breeding

- Unintended effects of CRISPR/Cas

- Genome editing and climate change

- Commercialization pipeline of genome-edited plants

- Outlook: Genetically modified viruses

The workshop is offered in German with simultaneous translation into English.

Programme

10:00 – 10:05 am: Welcome by Astrid Österreicher (Testbiotech, moderator of the event)

10:05 – 10:25 am: „Genetic modification of wild organisms and nature conservation“ (Margret Engelhard, BfN)
10:25 – 10:40 am: Questions and discussion

10:40 -11:00 am: „Technical potentials and risks of the new genetic engineering techniques“ (Katharina Kawall, FGU)
11:00-11:15 am: Questions and discussion

11:15 - 11:30 am: „ Reasons for a comprehensive regulation of new genetic engineering techniques“ (Christoph Then, Testbiotech)
11:30 – 11:45 am: Questions and discussion

11:45 am – 12:15 pm: Break

12:15 - 12:30 pm: „Climate change - why genome editing is not a solution“ (Zsofia Hock, SAG Schweizer Allianz Gentechfrei)
12:30 – 12:45 pm: Questions and discussion

12:45 -13:00 pm: „Genome-edited crops that are already on the market and/or in the

commercialization pipeline“ (Eva Gelinsky, IG-Saatgut)
13:00 – 13:15 pm: Questions and discussion

13:15 -13:30 pm: "Lab, plantation, nature conservation? Applications of genetically modified viruses" (Friedrich Waßmann, BfN)
13:30 – 13:45 pm: Questions and discussion

13:45 – 14:15 pm: Panel discussion