



**State-approved, MPG In-service Online Training course
-Refresher Course- in Accordance with § 28 (3) GenTSV
MPI of Biochemistry Martinsried**

Thursday, 17 June 2021

- 8:15-8:30 Dr. Ralf Tatzel**
(MPI of Biochemistry Martinsried, course instructor)
- Welcome address, organization

Legal Regulations on Safety Measures for Genetic Engineering Facilities (Laboratories, Production, Animal Rooms, Greenhouses) and Releases, as well as Occupational Health and Safety

- 8:30-9:30 Dr. Isabel Müller**
(District Government of Upper Bavaria)
- Innovations and frequently recurring questions in the field of relevant legislation and regulations as well as their implementation in practice
 - Procedure for application (notification, registration, approval) as well as for notifications under § 21 GenTG

9:30-9:45 Break

- 9:45-10:45 Dr. Ingrid Korsia**
(District Government of Upper Bavaria)
- Responsibilities of operators, project leaders and biosafety officers
 - New aspects and possible problems in the classification of organisms and genetic engineering work and their consideration in practice
 - Further legislation and regulations, cross-connections to genetic engineering law
 - Transport of biological agents

10:45-11:00 Break

- 11:00-12:00 Dr. Kerstin Nicolaisen**
(District Government of Upper Bavaria)
- Organizational measures (e.g. regulations re access and labelling of the work areas, operating instructions, guidance, instructions, hygiene plan, emergency plan; keeping records, storage, destruction of genetic engineering materials, techniques for the detection and identification of organisms)
 - Sterilisation, disinfection, deactivation

12:00-12:30 Discussion

12:30-13:30 Lunch break



Potential Risks from Organisms with Particular Regard to Microorganisms

13:30-15:45 Dr. Birgit Schöning

(Federal Office of Consumer Protection and Food Safety, Berlin)

- Safety aspects relating to the handling of organisms in genetic engineering
- Risk assessment of organisms, safety categorization of genetic engineering work and current safety assessments of the ZKBS

14:30-14:45 Break

- Environmental considerations in case of accidental or targeted release with special regard to Annex I of the GenTSV
- Requirements for the release of GMOs
- Gene Therapy – clinical studies

15:45-16:15 Discussion

16:15-16:30 Break

Safety Measures for Genetic Engineering Facilities

16:30-17:30 Dr. Bernhard Skrobranek

(Roche Diagnostics GmbH, Penzberg)

- Construction and equipment in accordance with Annexes 2 - 4 GenTSV for the individual safety levels 1 - 4, maintenance and testing of safety-related devices and equipment, focus on specific security measures in animal facilities or greenhouses, where appropriate
- Safe mode of operation, conscious acting (fundamentals of good microbiological technique) in particular, new aspects and possible problems regarding the use of certain safety-related devices and equipment and the discussion of possible solutions

17:30-18:00 Discussion

18:00 Dr. Ralf Tatzel

(MPI of Biochemistry Martinsried, course instructor)

- Closing remarks