
State-approved Course § 28 GenTSV for Project Leaders and Biosafety Officers

Gene Technology, Biosafety and Biosecurity

March 5-6, 2024

Beutenberg Campus, Jena

Under the German Genetic Engineering Act project leaders and biosafety officers must complete a supplementary training with emphasis on risk assessment, safety measures, principles of legislation and workers' protection. The content is based on the curriculum of the Federal Biotechnology Authority. This course is directed at scientists who as project leaders or biosafety officers will be responsible for the conduct of genetic engineering experiments in Germany.

Tuesday, 05.03.2024

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| 8:45 – 9:00 | J. MERTSCHING Welcome and Introduction |
| 9:00 – 10:30 | A. KLOS Working with bacteria and parasites (Safety aspects and risk assessment for dealing with organisms in gene technology, Part I) |
| 10:30 – 10:45 | Coffee Break |
| 10:45 – 11:30 | J. MERTSCHING Sterilization, disinfection, and inactivation (Safety measures for designated genetic engineering areas, Part I) |
| 11:30 – 12:15 | J. MERTSCHING Notification, registration, authorization and organization (Genetic Engineering Law, Part I) |
| 12:15 – 13:15 | Lunch |
| 13:15 – 14:45 | A. Seiffert-Störiko Genetic engineering areas: Building and equipment; GMP requirements (Safety measures for designated genetic engineering areas Part III) |
| 14:45 – 15:00 | Coffee Break |
| 15:00 – 16:30 | J. BOHNE Basic Virology and Cell Culture (Safety aspects and risk assessment for dealing with organisms in gene technology, Part II) |

Wednesday, 06.03.2024

- 9:00 – 09:45 **J. Bohne**
Viral vectors and genome editing
(Safety aspects and risk assessment for dealing with organisms in gene technology, Part III)
- 9:45 – 10:30 **J. MERTSCHING**
Safety classification of genetic engineering projects
(Safety aspects and risk assessment for dealing with organisms in gene technology, Part IV)
- 10:30 – 10:45 Coffee Break
- 10:45 – 12:15 **J. BOCH**
Utilization and endangering potentials of transgenic plants, environmental considerations in a deliberate release
(Safety measures for designated genetic engineering areas, Part II)
- 12:15 – 13:15 Lunch
- 13:15 – 14:45 **J. Kahrmann**
Regulations for the application of gene technology
(Genetic Engineering Law, Part II)
- 14:45 – 15:00 Coffee Break
- 15:00 – 16:30 **J. MERTSCHING**
**Transport and shipping of biological material;
Biorisk management**
(Genetic Engineering Law, Part III)
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Speakers:

PD Dr. rer. nat. Jens Bohne, Hannover Medical School

Ass. jur. Jens Kahrmann, Legal Officer, Berlin

Prof. Dr. med. Andreas Klos, Hannover Medical School

Prof. Dr. rer. nat. Jens Boch, University of Hannover

Dr. rer. nat. Jürgen Mertsching, Consulting Mertsching-Biosafety, Langenhagen

Dr. rer. nat. Andreas Seiffert-Störiko, Sanofi-Aventis Deutschland GmbH, Frankfurt/Main