

Biosafety Clearing-House (BCH)

BIOSAFETY LAW, REGULATION, GUIDELINES AND AGREEMENTS (LAW)

BCH-LAW-IN-114469-1

LAST UPDATED: 28 FEB 2019

Amendment

Is this an amendment to a law, regulation, guideline or agreement already published on the BCH?

No

General information

Country submitting a law, regulation, guideline or agreement

India

PARTY TO THE CARTAGENA PROTOCOL ON BIOSAFETY

ENTRY INTO FORCE: 11 SEP 2003

Title

Regulations and Guidelines for R DNA Research and Biocontainment 2017

EN

Legislative details

Type of Law / Regulation

Guidelines

Area of jurisdiction

National / Federal

Subject areas

Contained use
Handling, transport, packaging and identification
Human and/or Animal Health
Pharmaceuticals

Types of organisms addressed

All types of organisms

Brief description of the document including objective and scope

The Guidelines cover the regulations on biosafety of rDNA research and handling of hazardous microorganisms and GE organisms or cells in India. It has described stringent and robust facility structures for handling of microorganisms, animals, plants, insects and aquatic organisms and has provided clear instruction on disposal and decontamination of laboratory wastes, emergency procedures etc. The guidelines include a list of risk group agents and

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determined appropriate containment level for their handling in India. Within the purview of Rules, Institutional Biosafety Committees have been empowered to take adequate precautionary measures for research conducted on risk group 1 and 2 organisms. The approval from RCGM is only required for experiments involving risk group 3 and 4 organisms.

In addition, a separate laboratory certification system for handling of risk group 3 and 4 organisms has been developed. Following implementation of these guidelines, it shall be mandatory for all existing high containment facilities at biosafety levels 3 and 4 to acquire this accreditation for working with risk group 3 and 4 organisms. Adoption of these guidelines shall be binding pan India for all public and private organizations involved in research, development and handling of GE organisms (organism includes microorganisms, animals, plants, arthropods, aquatic animals, etc.) and non-GE hazardous microorganisms (microorganism includes parasites, protozoa, algae, fungi, bacteria, virus, prions, etc.) and products produced through exploration of such organisms.

Document details

Document text

? [Regulation and Guidelines for Recombinant DNA Research and Biocontainment](#) (*English*)

Regulatory contact information

Competent National Authority(ies) and/or Supplementary Protocol Competent Authority(ies)

- [COMPETENT NATIONAL AUTHORITY: BCH-CNA-IN-114457-1](#) | [BCH-CNA-IN-114457-1](#)

COMPETENT NATIONAL AUTHORITY

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Further Information

Questions about the Cartagena Protocol on Biosafety or the operation of the Biosafety Clearing-House may be directed to the Secretariat of the Convention on Biological Diversity.

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on Biological Diversity**

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