




# Resources for the Development or Strengthening of Biosafety and Biosecurity Oversight

## 1. Inspections: laboratory, biosafety, biosecurity

-  Global Biorisk Management Curriculum Course Catalog “Conducting Audits and Inspections to Assess Biorisk Management Performance”
-  United States Federal Select Agent Program [Preparing for Inspection](#)
-  Public Health Agency of Canada. [Laboratory Biosafety and Biosecurity Training – Inspections](#)

## 2. Inspector training

-  Global Biorisk Management Curriculum Course Catalog
-  German Biosecurity Programme. Global Partnership Initiated Biosecurity Academia for Controlling Health Threats ([GIBACHT](#))



## 3. Biological Safety Officers: training, qualifications and responsibilities

-  German Biosecurity Programme. Global Partnership Initiated Biosecurity Academia for Controlling Health Threats ([GIBACHT](#))
-  International Federation of Biosafety Associations [Biorisk Management Certification Program](#)
-  United States Federal Select Agent Program [Training](#)


## 4. Laboratory personnel training

-  Global Biorisk Management Curriculum Course Catalog
-  International Federation of Biosafety Associations [Biorisk Management Certification Program](#)
-  Public Health Agency of Canada. [Laboratory Biosafety and Biosecurity Training](#)

## 5. Developing a national inventory of pathogens

-  Australia Group [Common Control List Handbook. Volume II: Biological Weapons-Related Common Control Lists](#). Revision 4, February 2018
-  I.M. Vennis et al. Systematic approach towards establishing a National Inventory of Dangerous Pathogens. *Global Health Action*. 2021; 14(1): 1971866




## 6. Biological agent inventory requirements for laboratories

-  Danish Centre for Biosecurity and Biopreparedness, 2015. [An efficient and practical approach to biosecurity](#)
-  United States Federal Select Agent Program [Guidance on the Inventory of Select Agents and Toxins](#)

## 7. Pathogen risk assessments

-  Public Health Agency of Canada. [Pathogen Safety Data Sheets](#)
-  Public Health Agency of Canada. [Canadian Biosafety Guideline Pathogen Risk Assessment](#)
-  Federal Institute for Occupational Health and Safety, Germany. [Technical Rules for Biological Agents \(TRBA\)](#)




## 8. Biosecurity program

-  Danish Centre for Biosecurity and Biopreparedness, 2015. [An efficient and practical approach to biosecurity](#)
-  World Health Organization [Guidance on implementing regulatory requirements for biosafety and biosecurity in biomedical laboratories - a stepwise approach](#)
-  Vertic Biological Weapons and Materials [National Implementation Measures Programme](#)




## 9. Biosecurity risk assessments

-  Netherlands Biosecurity Office [Toolkits](#)
-  Australian Government Department of Health and Aged Care. [SSBA – Security Risk Assessment and Risk Management Plan template](#)
-  Public Health Agency of Canada. [Canadian Biosafety Guideline: Conducting a Biosecurity Risk Assessment](#)

## 10. Licensing/authorizations



-  Agence national de sécurité du médicament et des produits de santé, France [Demande d'autorisation](#) (French only)
-  United States Federal Select Agent Program [Forms](#)
-  Public Health Agency of Canada [Licensing Program](#)

## 11. Secure information systems

-  Global Biorisk Management Curriculum Course Catalog “Basic Features and Maintenance for Physical and Information Security Measures”
-  United States Federal Select Agent Program [eFSAP Resource Center](#)
-  United States Federal Select Agent Program [Information Systems Security Controls Guidance](#)

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## 12. Biocontainment

-  Singapore Ministry of Health [MOH Laboratory Certification Checklist](#)
-  Federal Office for the Environment, Switzerland. [Implementation guides for the use of organisms](#)
-  Federal Institute for Occupational Health and Safety, Germany. [Technical Rules for Biological Agents \(TRBA\)](#)




## 13. Engineering, maintenance and calibration of laboratory biosafety equipment

-  Public Health Agency of Canada [Canadian Biosafety Standard, Third Edition](#)
-  United Kingdom Health and Safety Executive, Advisory Committee on Dangerous Pathogens. [Management and operation of microbiological containment laboratories](#)
-  Swiss Expert Committee for Biosafety. [Recommendation of the SECB on the maintenance of BSL-2 and BSL-3 laboratories](#)

## 14. Outreach, engagement and communication

-  European Biosecurity Regulators Forum. [Biosecurity Resource Toolbox](#)
-  Danish Centre for Biosecurity and Biopreparedness, 2015. [An efficient and practical approach to biosecurity](#)

## 15. Mandatory reporting/notification obligations (including incidents)

-  Global Biorisk Management Curriculum Course Catalog “Incident Response Planning and Preparation”, “Incident Response and Investigation”, “Incident Response Evaluation and Improvement”
-  Public Health Agency of Canada [Notification and Reporting Under the HPTA and HPTR Using the Reporting Module of the Biosecurity Portal](#)
-  United States Federal Select Agent Program [Responsible Official Resource Manual](#)

## 16. Compliance and enforcement

-  Australian Government Department of Health and Aged Care [Security Sensitive Biological Agents – Internal review tool](#)
-  Public Health Agency of Canada [Centre for Biosecurity Compliance and Enforcement Policy](#)
-  United States Federal Select Agent Program [Severity Spectrum of Inspection Departures and Enforcement Actions](#)

## 2022 IEGBBR Mobile App of Biosafety, Biosecurity and Dual-Use Oversight



World Health Organization  
Laboratory Biosafety Manual, Fourth Edition

## LEGEND




-  Informational Resource
-  Forms and templates
-  Training
-  Governmental or Non-governmental program

 When printed find links at: <https://iegbbr.org/>




## 17. Regulatory and non-regulatory oversight measures for dual-use in the life sciences

-  World Health Organization. 2022. “Global guidance framework for the responsible use of the life sciences: mitigating biorisks and governing dual-use research”
-  Public Health Agency of Canada [Plan for Administrative Oversight for Pathogens and Toxins in a Research Setting - Required Elements and Guidance](#)

## 18. Dual-Use risk analysis

-  World Health Organization. 2022. “Global guidance framework for the responsible use of the life sciences: mitigating biorisks and governing dual-use research”
-  Netherlands Biosecurity Office [Toolkits](#)
-  United States National Institutes of Health [Tools for the Identification, Assessment, Management, and Responsible Communication of Dual Use Research of Concern: A Companion Guide](#)

## 19. Raising awareness of dual-use

-  World Health Organization. 2022. “Global guidance framework for the responsible use of the life sciences: mitigating biorisks and governing dual-use research”
-  European Biosecurity Regulators Forum. [Biosecurity Resource Toolbox](#)
-  Netherlands Biosecurity Office [Toolkits](#)