



Online Ethics Center  
FOR ENGINEERING AND SCIENCE

# Responsible Research with Biological Select Agents and Toxins

## Author(s)

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## Year

2009

## Body

The effort to understand and combat infectious diseases has, during the centuries, produced many key advances in science and medicine--including the development of vaccines, drugs, and other treatments.

Responsible Research with Biological Select Agents and Toxins evaluates both the physical security of select agent laboratories and personnel reliability measures designed to ensure the trustworthiness of those with access to biological select agents and toxins. The book offers a set of guiding principles and recommended changes to minimize security risk and facilitate the productivity of research. The book recommends fostering a culture of trust and responsibility in the laboratory, engaging the community in oversight of the Select Agent Program, and enhancing the operation of the Select Agent Program.

[Read Responsible Research with Biological Select Agents and Toxins](#)

## Rights

Use of Materials on the OEC

## Resource Type

Expert Reports

## **Parent Collection**

The National Academies Press: Consensus Study Reports

## **Topics**

Controversies

Dual Use Research

Organizational Climate

Public Well-being

Responsible Innovation

Risk

Safety

Security

## **Discipline(s)**

Life and Environmental Sciences

Research Ethics

## **Publisher**

National Academies Press