

Biosecurity

Analysis and contingencies bioriesgos

- Biological hazards and other hazards in the work area
- Occupational Health and Biosecurity
- Biosafety, biosecurity and biological weapons (Bioterrorism)
- Principles of containment
- Emerging zoonoses and re-emerging infectious diseases

Decontamination

Managing Biosafety and biosecurity programs institutional management systems.

- Management and evaluation of biosafety and biosecurity
- General principles of environmental safety
- Facility design, construction, commissioning, decommissioning, validation, operation and maintenance
- Management programs for biosafety and biosecurity

Facilities Management BSL2 - BSL3

- Selection, validation, certification and maintenance
- Good practice Microbiological (GMT)
- Personal protective equipment (PPE)
- Infection control, disinfection, decontamination and sterilization
- Management and handling of toxic waste (RPBI).
- Emergency preparedness and response
- Investigating incidents and accidents
- Packing, shipping, transportation, import and export of biological materials



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**CENTRO DE INVESTIGACIÓN
Y DESARROLLO EN
CIENCIAS DE LA SALUD**

Audits and inspections on Biosecurity aspects

- Laws, regulations, standards, guidelines, conventions and codes of conduct in biosafety and biosecurity

Design of biosafety laboratories (BSL2, BSL3)

Specialized Training

- Laboratory animal - large animals
- Working with plants
- Working with insects (vectors)
- Transmissible spongiform encephalopathies (TSEs)
- Large scale production (bioprocessing)
- Laboratory / Diagnostic
- Biosafety Activities in gene therapy
- Training of trainers regarding health workers in relation to risks from air-borne pathogens.