

BIOSAFETY

BIOSAFETY ACT 2007 is to regulate the release, importation, exportation and contained use of **LMO/GMO**, and the release of products of such organisms, with the objectives of protecting human, plant and animal health, the environment and biological diversity, and where there are threats of irreversible damage.

WHAT IS LMO / GMO



A genetically modified organism (GMO) is any organism whose genetic material has been altered using genetic engineering techniques.

Need more information on biosafety?

<http://www.biosafety.nre.gov.my>

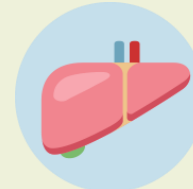
BIOSECURITY

BIOSECURITY refers to measures aimed at preventing the introduction and/or spread of **harmful / infectious organisms** (e.g. viruses, bacteria, etc.) to animals and plants in order to minimize the risk of transmission of infectious disease.

Sample examples



Blood samples



Animal organ



Human Biospecimens

RISK GROUP CATEGORY

RISK GROUP 1
unlikely to cause disease

RISK GROUP 3
may be exotic or indigenous agent with potential in transmitting disease mainly via aerosol

RISK GROUP 2
known to cause disease

RISK GROUP 4
may be exotic agent or new agent usually able to cause life-threatening human disease

GMO Research?

If you are planning to conduct research activities involving LMO/GMO, help us to fill up a **Exemption Form**.



Research on Infectious Organism?

If you are planning to conduct research activities involving infectious organism, help us to fill up a **Preliminary Assessment Form**.

