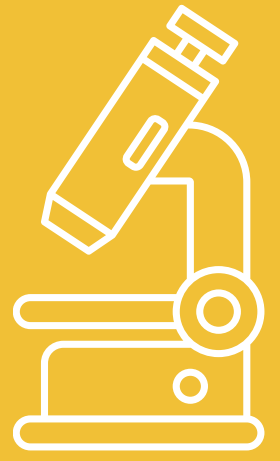


# BIOLOGICAL AND ENVIRONMENTAL SAFETY



Please submit an application with the REC:BES if you will be working with:

**1**

## BIOSAFETY LEVEL 2 - 4 MICROORGANISMS OR POTENTIALLY INFECTIOUS MATERIAL

- Bacteria
- Viruses
- Fungi
- Parasitic Agents
- Genetically modified BSL 1 - 4 organisms

## CLINICAL SAMPLES

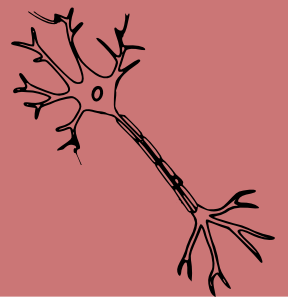
- Human blood
- Blood components
- Fluids



**2**

**3**

## BIOSAFETY LEVEL 2 - 4 ORGAN, TISSUE AND CELL CULTURES



## RECOMBINANT DNA AND SYNTHETIC NUCLEIC ACID MOLECULES

- PCR
- siRNA
- cDNA

**4**

**5**

## GENETICALLY MODIFIED PLANTS OR PLANT PATHOGENS



## ANIMALS

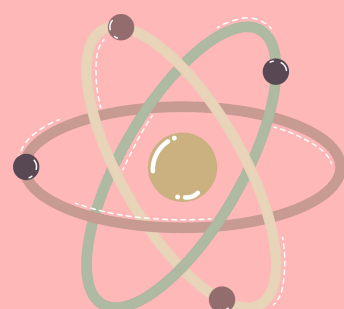
- Transgenic animals
- Animals infected with pathogens
- Subject to REC:ACU clearance

**6**

**7**

## ENGINEERED NANOMATERIALS

- Other



For all queries or concerns, please contact Ms Biosha Thompson ([biosha@sun.ac.za](mailto:biosha@sun.ac.za)) or Mr Winston Beukes ([wabeukes@sun.ac.za](mailto:wabeukes@sun.ac.za)).



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