

# BIOSECURITY AND BIOSAFETY IN LARC

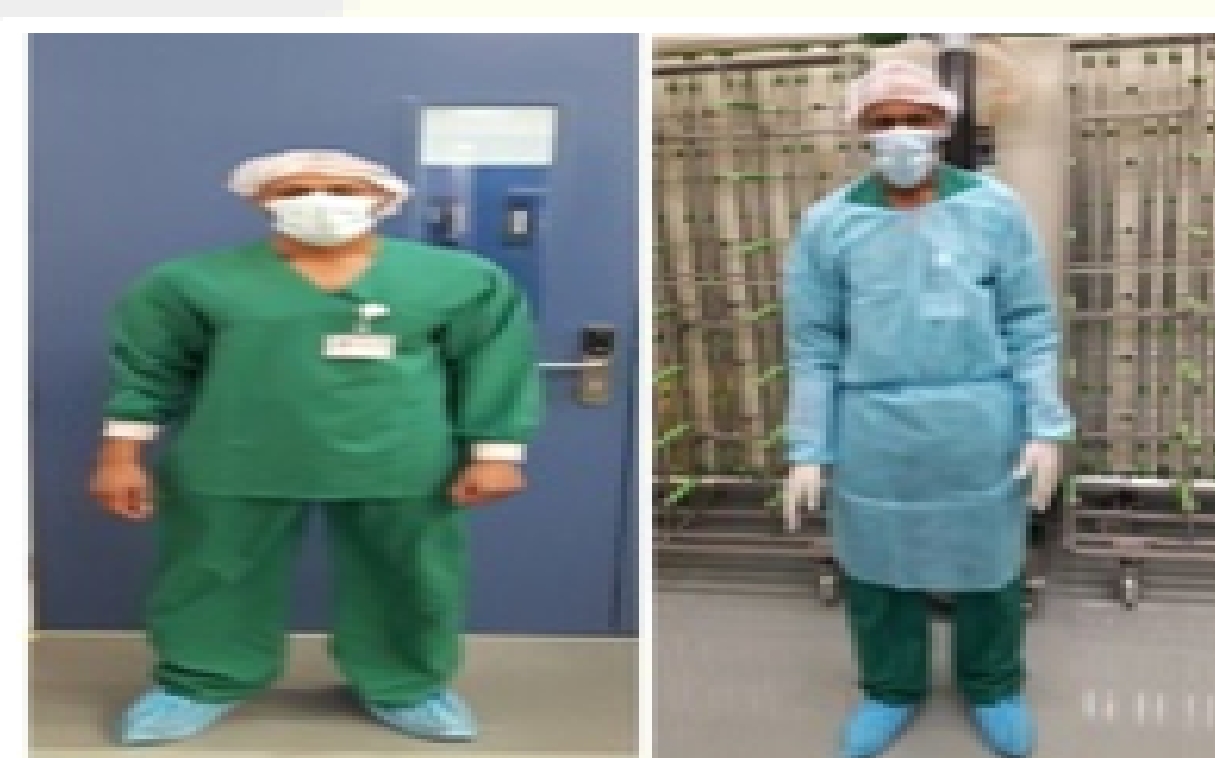
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## INTRODUCTION

- ❖ LARC is Specific Pathogen Free (SPF) facility
- ❖ LARC is free of Specific list of Pathogens maintained by routine testing.
- ❖ Bio security & Bio safety are main components to maintain the LARC facility

## Elements of Biosecurity & Biosafety at LARC

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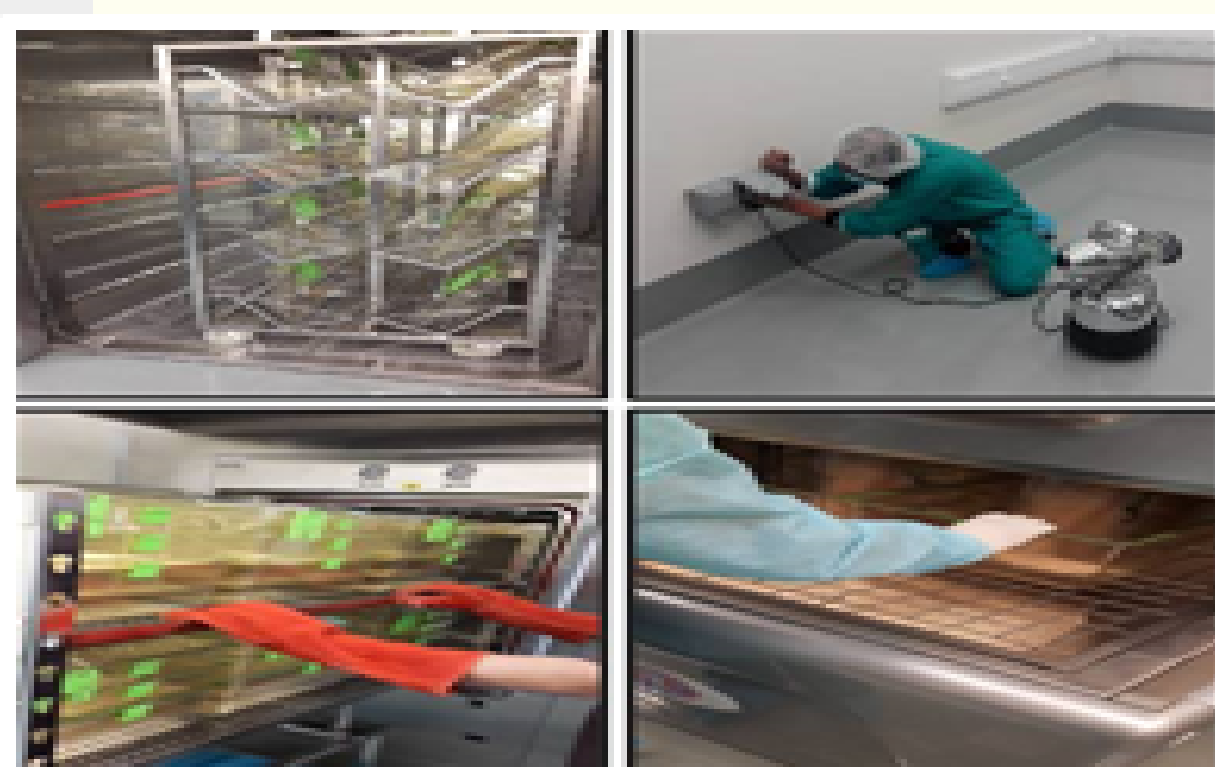
### PPEs

Vivarium entry should be with barrier scrub, gloves, disposable gowns, shoe cover, face mask, head cap.



### Environment

Working with IVC cages, BS60 Biosafety change station and Biosafety level II cabinets .



### Cleaning & Disinfection

**Fumigation:** Before occupying & after study.  
**Autoclave:** Cages and husbandry materials washed at 82°C hot water with detergents and sterilized.



### Waste Disposal

Collect all the biological and chemical wastes in different color coded bags, Sharps collected separately in sharps container



### Security Monitoring

LARC facility secured by access control for 24X7 through CCTV monitoring. Investigators allowed to have access once they are ready with valid IACUC approved protocol



### Pest Control

LARC facility is vermin proof, set of pest control policy to avoid wild rodent's entry into the facility.



### Quarantine & Isolation

New arrived animals are Quarantined for 2 weeks. After pathogen screening, the Animals moved into the barrier .