

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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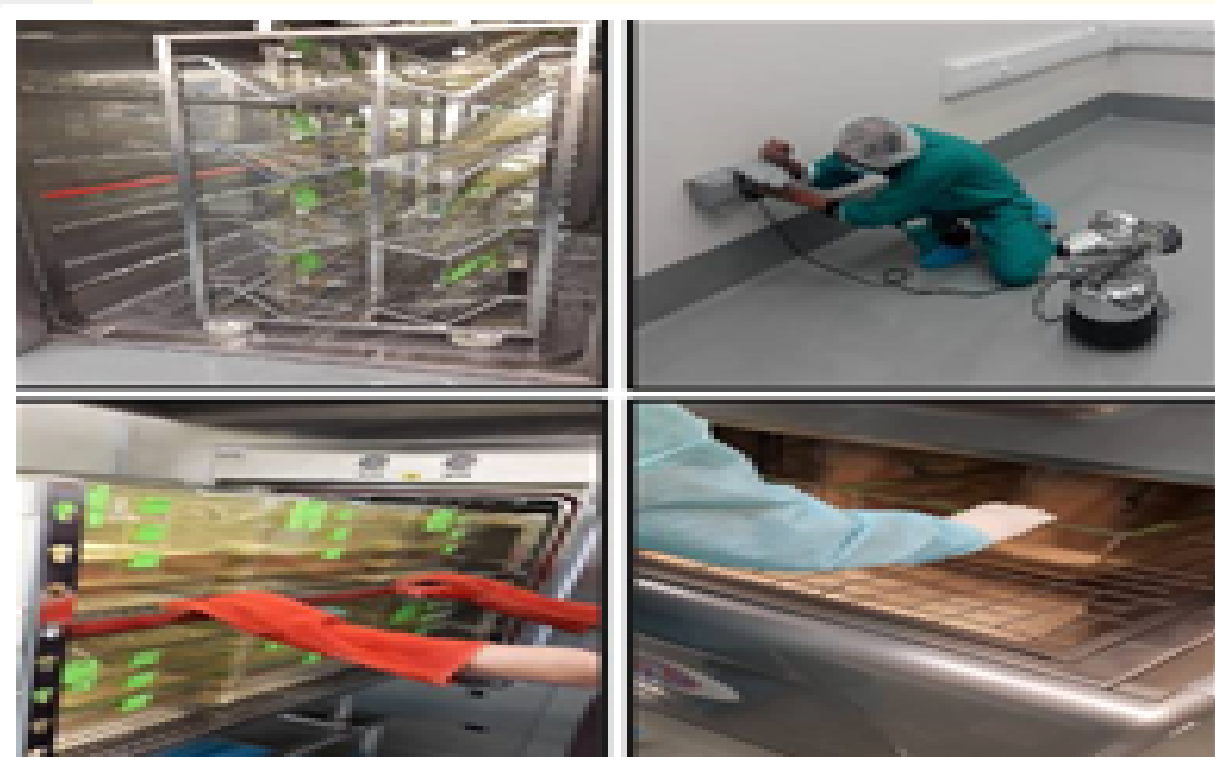
PPEs

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 .