

ANIMAL HUSBANDRY AND CARE

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HUSBANDRY AND CARE

- ❖ Qatar University – Laboratory Animal Research Centre (LARC) is providing highest quality animal husbandry and care
- ❖ LARC is Specific pathogen Free (SPF) facility with state of the art animal housing & supporting instruments
- ❖ Animal husbandry and care is a vital and critical part of any modern vivarium
- ❖ Care and management play a major role in keeping the lab animal's health and diseases free condition
- ❖ LARC has a housing capacity for 4000 mice and rat. Animals are maintained in Individual Ventilated Cage (IVC) system
- ❖ LARC animal husbandry & veterinary care practice follows International standards & guidelines

Physical environment – IVC system



The immediate physical environment surrounding the animal in a primary enclosure such as the cages and animal holding rooms

Food & Drinking Water



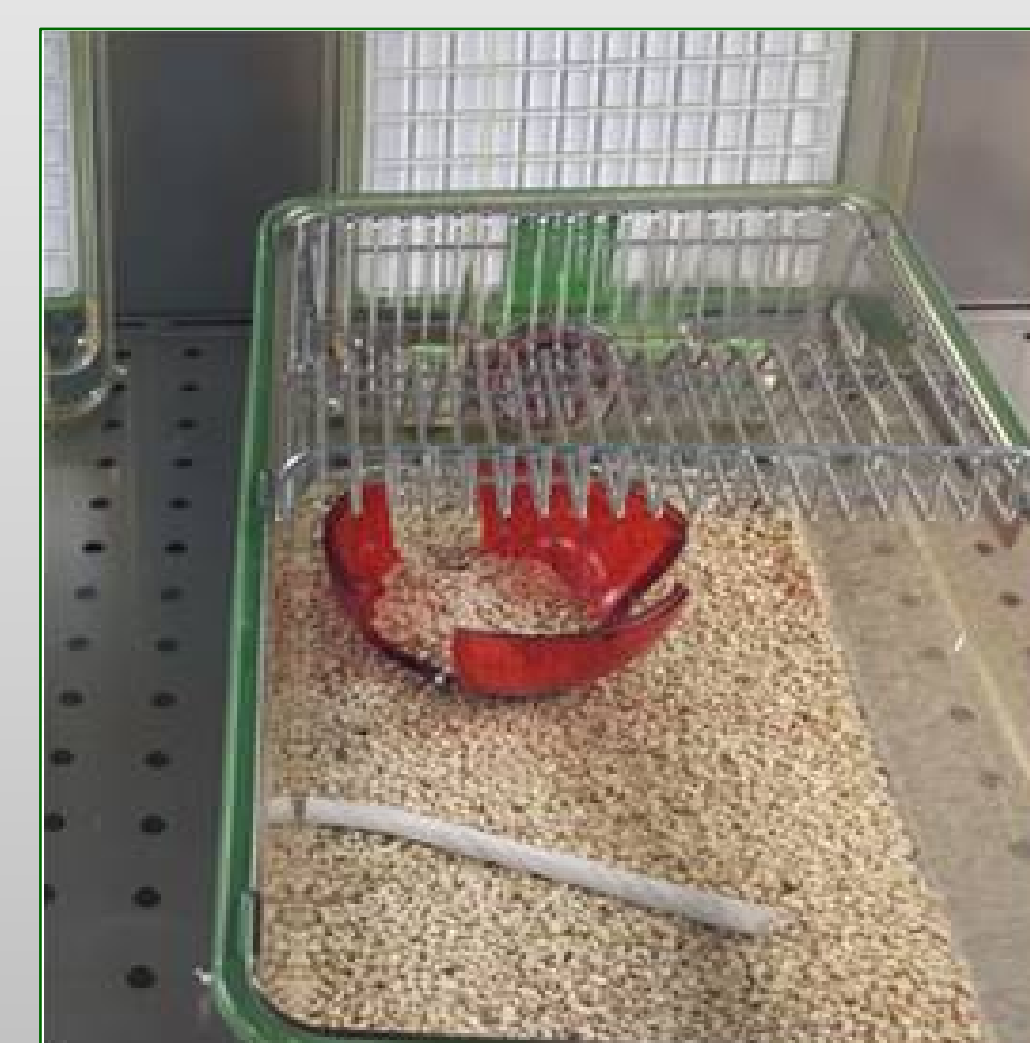
LARC provides irradiated feed in *ad libitum*. The potable drinking water to animals supplied through sources: Edstrom Automated watering System, Sipper-Sack and bottles

SPF Animal Room



Animal rooms are equipped with Air handling units, Cage change stations and Biosafety cabinet level-2. Animal rooms are connected with procedure rooms

Environment Enrichment



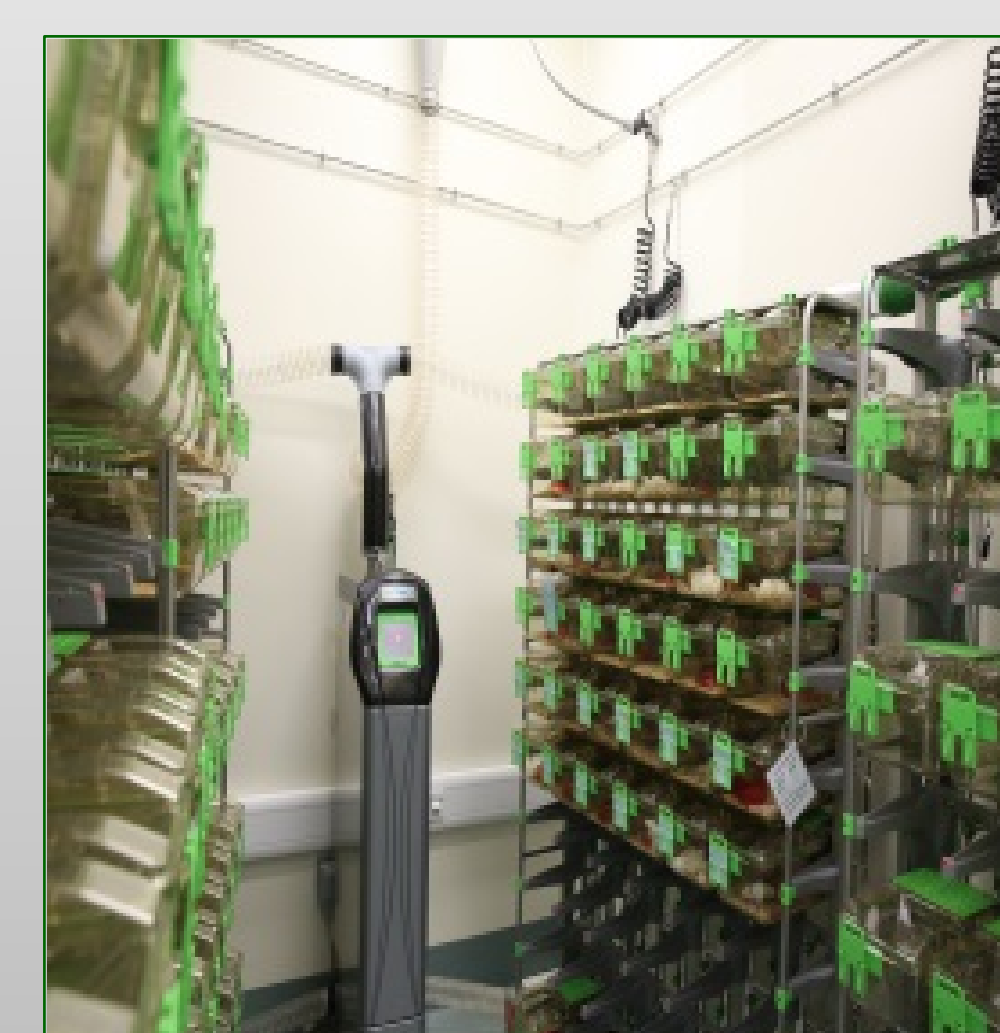
Environmental enrichment for lab animals are being provided to keep their species-specific behavior, allow them to exercise control over their environment, and to enhance their well-being

Constant Environment



Housing environment being maintained with constant air change, controlled humidity ventilation, Light and Dark cycle, Light intensity and sound level

High Quality Ventilation



10 to 15 fresh HEPA filtered air (99.9%) changes per hour in all animal rooms to maintain macro environmental air quality. Air Handling Units (AHU) are in place to re-circulate the clean air