

Animal Biotechnology

Research Infrastructure

Name Of Lab	Lab Facilities	More Info
Laboratory of Animal Genomics	01 100*25ft room with all basic facilities and equipments relevent to molecular biology and animal genomics are available in the lab. The major equipments/facilities available in lab include : qRT-PCR, Thermocycler,Tissuelyser, centrifuge (refrigerated and non-refrigerated), Biochemical Analyzer, Ice Flaker, Spectrophotometer, Dry Bath, Hot Air Oven,Dancing Shaker, spinot, Gel Doc SystemRefrigerated centrifuge, Milk Analyzer, Horizontal & Vertical Electrophoresis apparatus, pH-Meter, Transilluminator, Freezer, Fume hood, Magnetic Stirrer, Digital Balance (High sensitivity), Water bath (hot and cold), Hot air oven,	Select
Laboratory of Animal Reproductive Biotechnology	02 200*200sqft rooms with standard laboratory equipments, chemicals and glassware etc relevant for molecular biology and reproductive biotechnology techniques. Major equipments/facilities available include zoom stereomicroscope with attached digital camera, CO2 incubator with Data recorder, Refrigerator (frost free) and stabilizers, Laminar Flow Hoods with accessories and spares, Inverted fluorescent microscope with image capture/ videography facility, Liquid nitrogen Containers for freezing & storage, Veterinary Endoscope, Water purification system, Deep freezer (-20oC), Programmable Embryo freezer, Digital Balance (High sensitivity), Thermal cycler, Horizontal & Vertical Electrophoresis apparatus, Ultra low temperature freezer (-80 oC), Experimental Animal Facility,Goats (Pashmina and Bakerwal breeds) Available with the Division, Sheep available at Institute Farm.	Select
Laboratory of Proteomics and Post Graduate studies	01 30*20ft lab with basic proteomics and cell culture relevant equipments. The major equipments/facilities available include: Horizontal Laminar Flow Hood, Incubator,Refrigerated centrifuge, Horizontal & Vertical Electrophoresis apparatus, western blotting apparatus, pH-Meter, Transilluminator, Freezer, Fume hood, Electro-cell fusion machine,Magnetic Stirrer, Digital Balance (High sensitivity), Water bath (hot and cold), Heating blocks, Hot air oven, Sequencing gel electrophoresis, Thermocycler, centrifuge (refrigerated and non-refrigerated), Biotek Eliza Reader/ analyzer, Dry Bath, Hot Air Oven,Dancing Shaker, spinot, Gel Doc System.	Select
Laboratory of Vaccine Biotechnology	02 rooms of 200*200ft each with standard laboratory equipments, chemicals and glassware etc relevant to vaccine biotechnology are available	Select