

## User Charges for Facilities at:

Facility Name	Institute Name	User Charges details				
		Sr. No.	Instrument / Services	Price		Remarks
				Academia (Rs)	Industry (Rs)	
National Facility for Gene Function in Health and Disease	Indian Institute of Science education and Research, Pune	1	Animal holding and experimental space renting based on per cage charges	See remarks	See remarks	Quotes will be provided based on the experimental requirements and strain of animals (wild-type or immunocompromised, KO, transgenic, reporter, etc)
		2	Experimental animal cost Mice	-do-	-do-	Quotes will be provided based on the experimental requirements (diet etc) and strain of animals.
			Mice			
			Rat			
		3	DNA Microinjection	3,00,000.00	6,00,000.00	*DNA microinjection including DNA plasmid, BAC, Crispr, Talen, etc) *The construct to be provided by the PI * Minimum 200-250 fertilized oocytes injected C57BL/6J background *Background strain C57BL/6JRccHsd
		4	CRISPR/Cas9 Model			
			knockout	5,00,000.00	8,00,000.00	*The construct provided by PI
			Knock in	4,00,000.00	8,00,000.00	*The construct provided by PI
			Conditional knockout	4,00,000.00	8,00,000.00	*The construct provided by PI
			ROSA26 Knock-in	4,00,000.00	8,00,000.00	*The construct provided by PI
			Reporter-Knock-in			*The construct provided by PI
		5	Construct Designing	1,00,000.00	2,00,000.00	Crisper guide designing, reagent preparation, Validation (Blast assay) verification
		6	ES Cell Transfer	3,00,000.00	6,00,000.00	Inject ≥ 40 blastocysts / 1 clone
		7	Genotyping Services			
			Genotyping Set up	2,000.00	4,000.00	designing genotyping strategy and reagents
			Genotyping per sample	500.00	1,000.00	
		8	Assisted Reproduction and Cryopreservation Services			
	Sperm cryopreservation	10,000.00	20,000.00	1-2 males per line. Motility of thawed sperm tested.		

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		Embryo/Oocyte Cryopreservation	20,000.00	30,000.00	10 -15 females, will cryo 200-300 embryos depending upon superovulation yield
		IVF	30,000.00	50,000.00	Sperm cryorecovery, IVF, embryo transfer *Includes transfer of two-cell embryos to up to six recipient females
			40,000.00	60,000.00	IF donor females procured from NFGFHD
		Strain Rederivation	30,000.00	50,000.00	Transfer of fertilized oocytes to up to six recipient females
		Sperm cryopreservation	10,000.00	20,000.00	1-2 males per line. Motility of thawed sperm tested.
	9	<b>Other Services</b>			
		Time pregnant females	10,000.00	20,000.00	two female mice
		Time / stage WT embryos	10,000.00	20,000.00	two female mice
		Pesudopregnanat	3,000.00	6,000.00	Cost for per female mice
		Frozen sperm	10,000.00	20,000.00	10 straws
		Frozen Unfertilized oocytes	15,000.00	30,000.00	10 straws (100 embryos)
	10	<b>Technical Consultation Services</b>			
		Design and set up of SPF lab animal facility	TBD	TBD	
		Design and set up of genome editing facility	TBD	TBD	
		Breeding of transgenic and knockout mice	TBD	TBD	
		Visit to NFGFHD facility	TBD	TBD	
		Design and set up of SPF lab animal facility	TBD	TBD	
		Design and set up of genome-editing facility	TBD	TBD	

**Mode of implementation:**

Potentials users of services listed above should contact NFGFHD ([maresh@iiserpune.ac.in](mailto:maresh@iiserpune.ac.in)) with a detailed outline of their requirements. After technical consultations and assessment of feasibility, the project details and scope will be finalized and a Service Agreement will be signed between the user and the NFGFHD, IISER Pune. Work on the project will commence after approval and signing of the Service Agreement.