

## NFGFHD SERVICES AND PRICING PLAN

| Service Code                | Instrument / Services   | Service Fee (in INR) |              | Remark   |
|-----------------------------|---|----------------------|--------------|--|
|                             |   | Academic             | Non Academic |  |
| Animal Experimentation      |   |                      |              |  |
| 001                         | Animal holding and experimental space renting based on per cage charges | See remark           | See remark   | Quotes will be provided based on the experimental requirements and strain of animals (wild-type or immunocompromised, knockout, transgenic, etc.)  |
| 002                         | Experimental animal availability<br>Mice, Rat or Immunocompromised Mice | See remark           | See remark   | Quotes will be provided based on the experimental requirements (diet etc.) and strain of animals   |
| Genome Engineering Services |   |                      |              |  |
| 003                         | DNA Microinjection  | 3,00,000             | 6,00,000     | *DNA microinjection including DNA plasmid, BAC, CRISPR/Cas9, Talen, etc.)<br><br>*The construct provided by PI<br><br>*Minimum 200-250 fertilized oocytes injected into the C57BL/6JRccHsd background strain |
|                             | CRISPR/Cas9 Model   |                      |              |  |
| 004                         | Knockout  | 5,00,000             | 8,00,000     | *The construct provided by PI  |
| 005                         | Knock in  | 4,00,000             | 8,00,000     | *The construct provided by PI  |
| 006                         | Conditional knockout  | 4,00,000             | 8,00,000     | *The construct provided by PI  |
| 007                         | ROSA26 Knock in   | 4,00,000             | 8,00,000     | *The construct provided by PI  |
| 008                         | Reporter Knock in   | 4,00,000             | 8,00,000     | *The construct provided by PI  |
| 009                         | Construct Designing   | 1,00,000             | 2,00,000     | CRISPR guide designing, reagent preparation, validation (blast assay) verification   |
| 010                         | ES Cell Transfer  | 3,00,000             | 6,00,000     | Inject ≥ 40 blastocysts/clone  |
| Genotyping Services         |   |                      |              |  |
| 011                         | Genotyping Set up   | 2,000                | 4,000        | Designing genotyping strategy and reagents   |
| 012                         | Genotyping per sample   | 500                  | 1,000        |  |

| Assisted Reproduction and Cryopreservation Services |   |                |                 |   |
|---|---|----------------|-----------------|---|
| 013   | Sperm cryopreservation                          | 10,000         | 20,000          | 1-2 males per line.<br>Motility of thawed sperm tested.   |
| 014   | Embryo/Oocyte Cryopreservation                  | 20,000         | 30,000          | 10 -15 females,<br>We will cryopreserve 200-300 embryos depending upon superovulation yield                           |
| 015   | IVF (female mice not included)                  | 30,000         | 50,000          | Sperm cryorecovery, IVF, embryo transfer<br><br>*Includes transfer of two-cell embryos in up to six recipient females |
| 016   | IVF (Female mice from NFGFHD facility)          | 40,000         | 60,000          | If donor females procured from NFGFHD   |
| 017   | Strain Rederivation                             | 30,000         | 50,000          | Transfer of fertilized oocytes in up to six recipient females   |
| Other Services                                      |   |                |                 |   |
| 019   | Time pregnant females                           | 10,000         | 20,000          | 2 female mice   |
| 020   | Time / stage WT embryos                         | 10,000         | 20,000          | 2 female mice   |
| 021   | Pesudopregnanat                                 | 3,000          | 6,000           | Cost for per female mouse   |
| 022   | Frozen sperm                                    | 10,000         | 20,000          | 10 straws   |
| 023   | Frozen Unfertilized oocytes                     | 15,000         | 15,000          | 10 straws (100 embryos)   |
| Technical Consultation Services                     |   |                |                 |   |
| 024   | Designing and set up of SPF Lab animal Facility | See remark     | See remark      | To be determined  |
| 025   | Designing and set up of genome editing facility | See remark     | See remark      | To be determined  |
| 026   | Breeding of transgenic and knockout mice        | See remark     | See remark      | To be determined  |
| 028   | Designing and set up of genome editing facility | See remark     | See remark      | To be determined  |
| Animal Bio-Imaging Services                         |   |                |                 |   |
| 029   | Animal Imaging (IVIS Spectrum & Micro-CT)       | 6,000 per hour | 10,000 per hour |   |

**GST IS APPLICABLE ON ALL THE ABOVE SERVICES AS PER GOVERNMENT OF INDIA NORMS.**