

JAMIA HAMDARD
Central Animal House Facility (CAHF)
ANNUAL ACTIVITY SUMMARY, 2025–26

The Central Animal House Facility (CAHF) continued to support ethical, compliant and reproducible laboratory-animal research at Jamia Hamdard through housing and husbandry, experimental/surgical support, IAEC coordination, training, and infrastructure upkeep during 2025–26.

Facility Snapshot

Regulatory inspections (2025–26)	07
Registration validity	08 th March 2028
Major species / strains	Rat & Mice — Wistar rat, C57BL/6, SAM, BALB/c mice; and Zebrafish (ZF)
Total Area	~5300 Sq. ft.
Animal rooms	05
Facility In-charge	Prof. Shakir Ali
Co-In/charge	Dr. Mohan Kamthan
Veterinary Officer	Dr. Mohammad Mateen Zehgeer
Technical staff	Mr. Ibrahim, Mr. Tariqat Ali

Key Numbers

- **Animals maintained:** ~7,416 + 695 (ZF) | **Animals issued for research:** ~5,203 + 351 (ZF)
- **Research projects/protocols supported:** 168, involving ~7,477 animals + 351 (ZF); ZF: Zebrafish
- **IAEC meetings held:** 08 | Protocols approved vs. submitted: 164 / 168
(04 sent back for major revision, 11 continuation studies/renewal, and 18 pilot projects approved)

Research Support Extended to Various Schools of Jamia Hamdard and Associated Hospital

School	IAEC Protocols	Animals
SPER	112	4,429 +351(ZF)
SCLS	34	1,856
SIST	15	975
HIMSR	04	121
SUMER	03	96
Total	168	~7,477 +351 (ZF)

Capacity Building, 2025-26

- One Day Symposium on Ethical Animal Research and Responsible Experimentation, 16 Oct 2025 (with IPA-DSB & IPA Student Forum, Delhi State Chapter)
- Two-Days' Workshop on Neurobehavioral Assessments & Experimental Models (Rodents), Care & Humane Endpoints, 24–25 Nov 2025 (with Department of Medical Elementology and Toxicology & Dept. of Biochemistry, SCLS, and R&D Cell)
- Four Days' Workshop-cum-Hands-on Research Methodology (Rodents/Alternate Models, Systematic Review, Meta-analysis, IPR Fundamentals), 27-30 Jan 2026 (with CSIC, SCLS and RDC)

Animal Welfare, Infrastructure & Maintenance

- 3R Framework – Replacement, Reduction, Refinement – implemented effectively alongside routine health monitoring and humane-endpoint practices
- Environmental control, surgical and procedural facilities and feed-storage areas upgraded and maintained
- Routine electrical, plumbing, equipment and cage/rack maintenance carried out; records and stock registers kept current

Infrastructure and Equipment Development

Room-wise Facility Layout

- CAHF's built-up space comprises of 13 dedicated rooms/areas: 05 animal rooms, along with one each of the feed room, bedding room, reporting room, office of the Veterinary Officer, pathology facility & surgical room, as well as bio-waste disposal facility, washing area, quarantine room, and storage area.

Environmental Control

- Maintenance of environmental control systems
- Improved temperature and humidity and light management; constant monitoring of animal rooms; strengthened control in critical areas

Surgical and Experimental Facilities

- Maintenance & improvement of surgical and procedural areas and equipment
- Improvement of facilities required for experimental procedures

Feed and Storage Facilities

- Improved feed-storage facilities and storage conditions
- Installation & maintenance of air-conditioning in the feed room.

Equipment

- Servicing, repair and upkeep of essential laboratory and surgical equipment
- Repair & replacement of damaged equipment to maintain operational readiness and purchase of new one

Biomedical Waste (BMW) Management

- Biomedical/animal-house waste disposal overseen by a dedicated Biomedical Waste Management (BMW) Committee
- Collection and disposal carried out under rate contract with a Govt. authorized company, M/s Biomedical Waste Solutions Pvt. Ltd. on a daily basis

Action Plan for 2026–27

- Upgrade animal housing and strengthen environmental control systems
- Improve surgical/procedural and feed-storage facilities; replace obsolete equipment
- Expand technical support for interdisciplinary and preclinical research
- Digitalize animal records and strengthen IAEC documentation and inspection readiness
- Continue welfare monitoring and refinement of humane-endpoint practices
- Creating the infrastructure for histopathology

PHOTOGRAPHIC DOCUMENTATION

In 2025-26, CAHF continued to strive to strengthen its role as a research-support facility across husbandry, experimentation, IAEC, and Govt. compliances, strengthen its infrastructure and providing training. Continued investment in equipment, manpower and digital documentation will further this capacity in 2026–27.

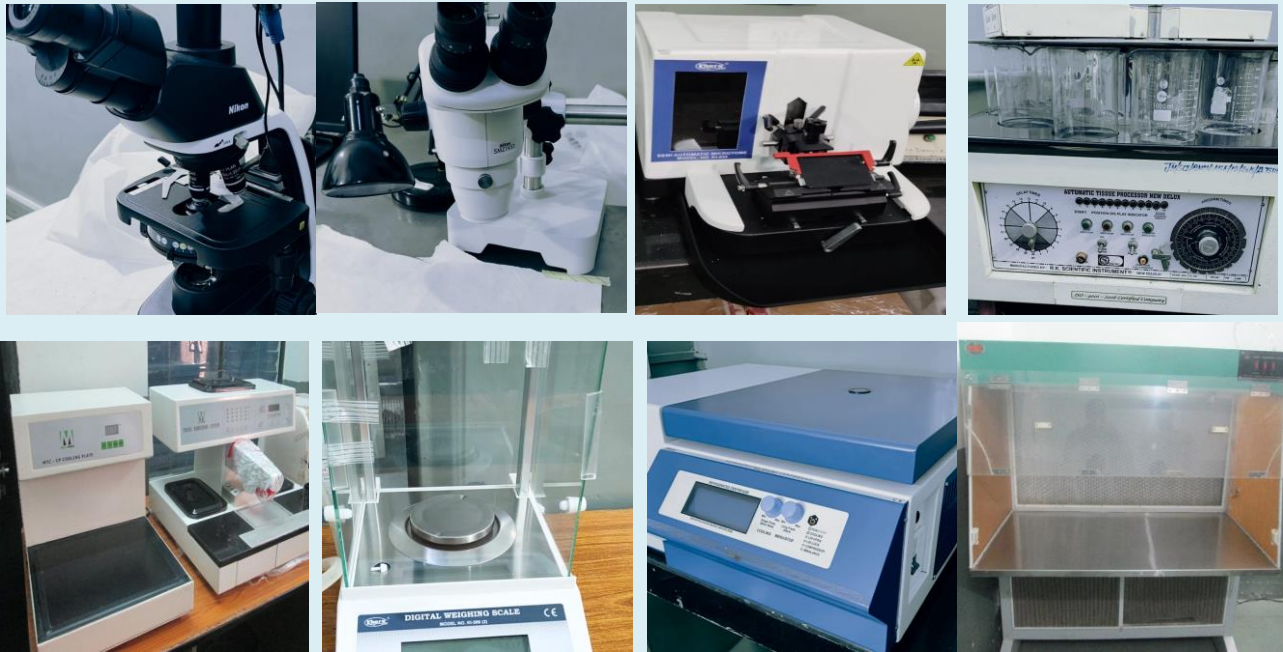
Laboratory animal husbandry and maintenance activities



Animal housing and cage/rack system



Equipment/infrastructure improvement



Essential infrastructure and equipment, including sterilization facilities



Animal Species Maintained at CAHF



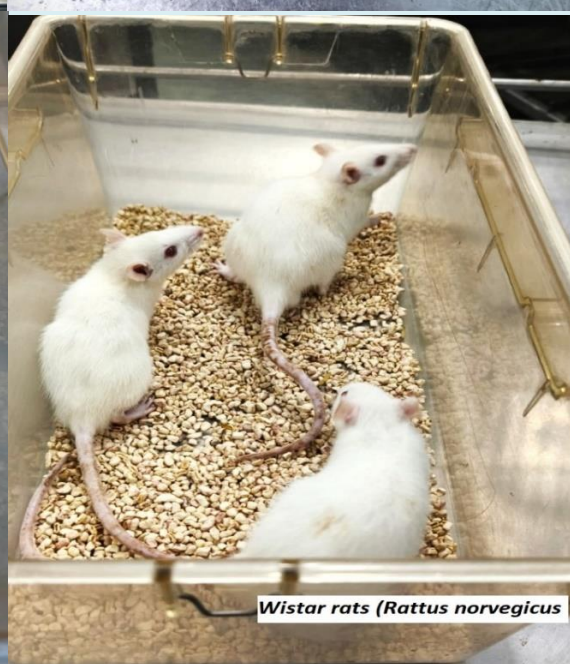
C57BL/6 mice



BALB/c mice (*Mus musculus*)



Swiss Albino Mice



Wistar rats (*Rattus norvegicus*)



Zebrafish (*Danio rerio*)

Training/workshop conducted by/at CAHF



Photograph of 100th IAEC meeting held on 16th July 2026



Reports prepared by,

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Dated: 08/09/2026