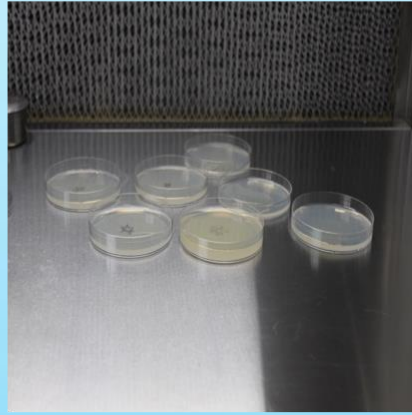


FACILITIES CREATED UNDER DST-PURSE

CAENORHABDITIS ELEGANS FACILITY CENTER



*Caenorhabditis
elegans*

Facility Center

SPONSORED BY DST-PURSE
SCHOOL OF CHEMICAL AND
LIFE SCIENCES
JAMIA HAMDARD



FACILITIES CREATED UNDER DST-PURSE

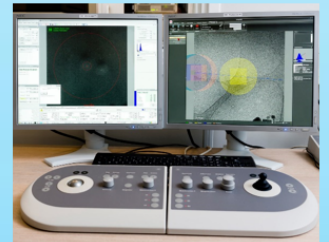


1. TEM

The Talos L120C TEM offers a high level of automation, allowing complete digital control over multiple microscope components, including the electron gun, optical elements, vacuum system and stage. Additionally, the user interface allows for smart presets to save multiple operational conditions across many different applications.

2. Data Processor (Necen Processor)

- A posteriori camera correction
- Movie alignment
- Magnification correction
- CTF estimation
- Overall data quality assessment



3. RMC Ultramicrotome

Ultramicrotomes for the preparation of ultra- and semi-thin sections for electron microscopy with patented Power Drive® technology. Mechanical stroke force particularly advantageous for cutting hard and large specimen. Automatic sectioning range: 5nm to 10µm. With digital section counter and feed totalizer. Control of the PTXL via control unit.