

Expression of Interest – Electron Microscopy Technician

The Gulbenkian Institute for Molecular Medicine (GIMM) is seeking a Technician to join Electron Microscopy platform, dedicated to processing and imaging biological samples for electron microscopy. It offers services for research, diagnostics and industry, develops customized methods, provides technical training, and grants access to specialized equipment. The EMF collaborates openly with other facilities to support multidisciplinary projects, including CLEM approaches, and works with external partners to promote broad access to both basic and advanced electron microscopy techniques.

The main responsibilities include:

Technical Execution:

- 1) Execution of standardized techniques such as sample preservation, sample cutting and staining for transmission electron microscopy;
- 2) Execution of advanced techniques, such as electron tomography, immunolabeling and Correlative Light Electron Microscopy (CLEM);
- 3) Data collection on transmission electron microscope;

Specialized Assistance to Users:

- 4) Providing assistance to researchers regarding experimental design for proper data collection and data analysis;

Quality Control and Lab Management Tasks:

- 5) Quality control and quality assurance of technique execution using SOPs procedures and keep them up-to-date;
- 6) Quality assurance of the equipment of the electron microscopy facility;
- 7) Problem reporting and tracking of techniques and equipment;



- 8) General lab management and administrative tasks such as stock reagent preparation, project tracking and report generation for the users;

Technical Development and Optimization:

- 9) Development of electron microscopy techniques, workflows and solutions to answer users' needs;

Training:

- 10) Training of the Facility Users;
- 11) Training of new members of the facility team in basic and advanced concepts, sample handling and instrument operation;
- 12) Organizing technical courses for the spread of facility knowledge;

Training for Development of Skills:

- 13) Participation in outreach activities such as conference communications, participation and teaching in national and international courses, Facility tours or other electron microscopy-related demonstrations;

Image Analysis:

- 14) Coordination with users for image analysis of Electron Microscopy data;
- 15) Method and workflow development when needed;
- 16) Training of users on the analysis.

Availability to work on weekends and outside regular working hours every time is it needed. Work done by objectives.



Profile of Candidate:

Mandatory Requirements:

- Degree in Biomedical Sciences or related fields (Bachelor and/or Master)
- Interest in Technical Research and Facility related work
- Good oral and written skills in English

Desirable Requirements:

- Good team work skills
- Motivation and willingness to learn in a dynamic research environment

Working Conditions:

- Permanent Employment Contract

Please send your **motivation letter in English, detailed CV, BSc and/or MSc degree certificate in pdf format** to People & Culture through the e-mail positions@gimm.pt, identifying the job reference “GIMM/EI/5-2026” in the subject.

April 23th, 2026

