

Head of Biomedical Electron Microscopy Center
Rappaport Faculty of Medicine
Technion-Israel Institute of Technology

The Rappaport Institute at the Technion Faculty of Medicine is seeking a staff scientist to head a new Biomedical Electron Microscopy Center. The head of the Center will help to build and run a modern EM Facility that will serve the Faculty of Medicine as well as other Technion faculties. Since researchers at the Faculty work on diverse systems, including proteins, bacteria, yeast, Drosophila, and vertebrates, the position requires a curious and creative scientist who enjoys working in different biological systems and mastering a wide variety of experimental approaches. Possibilities exist for attending training courses and scientific conferences abroad and for co-authoring scientific publications.

Responsibilities:

1. Conducting experiments, including specimen preparation, data collection on the electron microscopes (TEM and SEM), and data analysis
2. Consultation regarding experimental design
3. Helping to develop individualized protocols specific for the studies of researchers at the Faculty
4. Training new users
5. Administration of the Center
6. Taking part in long-term planning to improve the capabilities of the EM Center.

Requirements:

1. PhD in biomedical sciences or related field.
2. Experience with biological electron microscopy, including as many as possible of the following areas: specimen preparation (ultramicrotomy, cryo-ultramicrotomy, SEM critical point drying and coating), data collection (TEM, SEM, tomography), and analysis.
3. Ability to work independently, to learn and adapt new techniques, and to research the scientific literature to develop new approaches.
4. Ability to collaborate effectively with other researchers.

Position details:

Full-time position. Start time is July 1, 2016 (flexible).

Interested applicants are invited to send their CV and names of at least 2 references to:

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