

We are **HIRING** Manager of Microscopy core facility

The ELSC Core Microscopy Unit (ECMU) offers advanced microscopy services to the ELSC community, featuring multi-photon, confocal, light-sheet, and wide-field fluorescence microscopes in a 150 m² lab.



Job Summary :

The role of the microscopy core unit is to help scientists apply advanced microscopy techniques to their neurobiological research through specific-project solutions. The core currently operates various microscopes, including Confocal, widefield, Lightsheet, and two-photon systems that serve many labs daily. The core manager and his staff are expected to maintain these systems and provide training and support to the users. In addition, the core manager is expected to work together with the scientists at ELSC and help them to develop custom solutions to research problems using the most advanced imaging and analysis techniques. The shared-use microscopy core facility is located in a designated space within the Goodman Brain Sciences Building on Givat Ram Campus. In addition to the facility and the in-lab microscopes, the facility team also provides software and hardware resources for data acquisition and image analysis.

Job Duties:

- Provide scientific and technical advice to ELSC scientists on light microscopy including training and maintenance.
- Adopt and develop state-of-the-art techniques and experimental approaches to advance the research programs.
- Provide hands-on technical help on light microscopy including implementation of in-house custom-built microscopes.
- Train new users and provide in-depth workshops on microscopy theory and practice.
- Manage the day-to-day operations of the microscopy core facility and its staff.

Qualifications :

- PhD degree in natural sciences or engineering.
- Theoretical knowledge and practical experience with optics and light microscopy.
- Open to learning new techniques.
- Experience with Image processing.
- Excellent and effective communication, management, and organizational skills.
- Teaching/training capability.
- Ability to work independently as well as with researchers.

Required Documents

CV
Publication list
Reference letter
PhD approval document.

Please send CV and educational certificates to: diklaho@savion.huji.ac.il

