The Edmond and Lily Safra Center for Brain Sciences in the Hebrew University

Is looking for a:

Brain Imaging Specialist

Job Location: Jerusalem, Israel

The Hebrew University of Jerusalem has launched the new Edmond and Lily Safra Center for Brain Sciences (ELSC), which aspires to pursue cutting-edge neuroscience research. The center will bring together a powerful interdisciplinary team of top scientists to explore the relationships between gene function, neuronal circuits, and behavior. We have just moved to a new dedicated building, hosting modern facilities, and we are looking for a brain imaging and microscopy specialist to lead and promote these techniques in the center.

Job Summary

The role of the Light Microscopy Core is to help scientists apply advanced imaging techniques to their biological research through specific-project solutions. The core is expected to develop, hands on, and together with the scientists, robust solutions to research problems using the most advanced imaging techniques. The core will also manage a shared-use microscopy unit. The shared-use microscopy core facility will be located in a designated space within the Goodman building and will focus on light microscopy. In addition to the facility and the in-lab microscopes, the facility also provides software resources for data acquisition and image analysis.

Job Duties:

- Establish the ELSC Light Microscopy facility.
- 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.

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.

Notes: Full time position in the rank of associated researcher.

Please send your application documents in PDF format to:

jobs@elsc.huji.ac.il with the title Brain Imaging Specialist

Deadline for application: Aug 4 2018