

Scientific Officer
Electron Microscopy Core Technology Facility
London Research Institute
Holborn, London
£21,950 - £30,600 pa inc.

Our London Research Institute is looking for an enthusiastic Scientific Officer to work on biological electron microscopy projects in collaboration with multiple research groups within the institute.

About the Role

As the Scientific Officer in the Electron Microscopy Unit you will take on a range of projects using both transmission and scanning electron microscopy in collaboration with multiple research groups within the institute. Under the guidance of the lab head you will also research and implement new imaging techniques and technologies. You will aid in day-to-day running of the unit including training scientists in electron microscopy, optimisation of protocols and maintenance of equipment.

The primary focus of the Electron Microscopy Unit is the provision of an outstanding electron microscopy service for scientists within the LRI, from initial consultation through to sample processing, electron microscopy, image analysis and data interpretation. We utilise a wide range of traditional and novel sample preparation techniques for transmission and scanning electron microscopy. We also develop new EM techniques and technologies in response to the samples and scientific questions received from the LRI research groups. In particular, we have pioneered the use of correlative light and volume electron microscopy in the biological sciences and developed novel techniques for X-ray imaging of soft tissues.

About You

You will have a degree and preferably a PhD in biological sciences. Previous knowledge of cell biology and light microscopy is essential. Experience of use and routine maintenance of transmission and scanning electron microscopes, basic specimen preparation techniques for electron microscopy and digital image acquisition/ analysis are highly desirable.

In addition you will have excellent project planning, time keeping, organisational and record-keeping skills; interact effectively within a team and with scientists, technologists, students and administrative staff; be keen to learn new skills and show initiative in problem solving.

About Cancer Research UK

The Cancer Research UK London Research Institute (LRI) is part of the largest independent research organisation in the world and is committed to training the next generation of cancer research scientists. The Electron Microscopy Unit is a Core Technology Facility providing state-of-the-art high resolution imaging for the research scientists at the London Research Institute.

How to apply

All applications should be made via Cancer Research UK's careers website. Click on the apply button for more information.

Our online application process involves attaching your CV and covering letter which should outline your interest in applying for this role and explain how you meet the criteria as set out in the role profile.

Closing date: **27th July 2010**