

Research Technician - Imperial College London

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| Job Title: | Research Technician |
| Section: | Microbiology |
| Division: | Infectious Diseases |
| Department: | Medicine |
| Job Family and Level: | Technical Services, Level 3a |
| Salary Range: | £30,160 - £34,270 per annum |
| Responsible To: | Dr Serge Mostowy |
| Works Closely With: | Other members of the group |
| Funding: | Wellcome Trust |
| Location: | South Kensington Campus |
| Contract: | Full time, fixed term for 12 months |

Summary of Post

This post involves supporting Dr Mostowy in his research duties, providing a high standard of technical expertise and advice. The post holder will have responsibility for experimentation and maintenance of the laboratory and zebrafish facility.

Duties and Responsibilities

- Provide up-to-date technical expertise, advice and support to a very high standard in cell biology, microbiology and molecular biology including cell culture, protein purification and analysis, recombinant DNA work and microscopy
- Work at containment level 2, with *Shigella*, *Listeria* and mycobacteria
- Work on interactions between bacteria and host cells *in vitro*, using tissue culture cells, and *in vivo*, using zebrafish
- Work closely with other scientists in the group
- Provide full laboratory management assistance to the Mostowy group, i.e. day-to-day coordination and running of the laboratory and zebrafish facility
- Coordinate and oversee laboratory staff and students in the laboratories' research procedures, record-keeping and the requisite health and safety, Home Office, and staff development training
- Ensure that all work done in the laboratory complies with the applicable regulations concerning genetically modified organisms, biohazards, *in vivo* use and human tissue use, and maintain all documentation relevant to the above Home Office and other requirements
- Coordinate the purchase and invoicing of laboratory equipment and supplies and liaise with administrative staff for laboratory budget guidelines, monitoring and management
- Record and maintain data and information, as relevant and appropriate
- Contribute to the presentation of results to the group, collaborators, and to the research community in general
- Contribute to the preparation of grant reports and scientific publications
- Compliance with College policies, including financial regulations, equal opportunities, promoting race equality policy, health and safety policy, information systems security policy and intellectual property rights and register of interest policies
- Any other duties which may arise commensurate with the grade of the post

Job descriptions cannot be exhaustive and the post-holder may be required to undertake other duties, which are broadly in line with the above key responsibilities.

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