

# Research Technician - Imperial College London

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