

**Vector Immunogenomics and Infection Laboratory  
Department of Life Sciences  
Imperial College London**

**Research Associate, Research Assistant and Research Technician Positions**

Wet-lab and bioinformatics-related positions are available at the Vector Immunogenomics and Infection Laboratory (VigiLab) at Imperial College London, headed by Professor George K. Christophides. Research at VigiLab aims at characterising the molecular basis of mosquito infection and immune response to human pathogens, dissecting the biology of malaria transmission, and analysing and visualising functional, comparative and population genomics data. The successful applicants will join a dynamic team of senior scientists, postdoctoral fellows, PhD students and research technicians who work together to extend our knowledge of disease transmission, with the long-term goal to enable the development of interventions for vector-borne disease control and elimination.

In brief, the positions are:

1. Research Associate (postdoc; wet-lab). Role: To conduct research on how mosquito immune reactions are activated on parasites and how parasites evade these reactions. Start date: ASAP. Duration: 2 years with a possibility of extension to up to 4 years subject to performance and funding availability. Vacancy Reference Number: NS 2015 220 PB. Short link: <https://goo.gl/HIAHVi>. Closing Date: 18 November 2015 (midnight GMT).
2. Research Technician (wet-lab). Role: To provide skilled research support to laboratory researchers, mainly with regards to mosquito and parasite culturing, and assist with efficient daily and long-term operation and performance of the laboratory. Start date: ASAP. Duration: 2 years with a possibility of extension to up to 4 years subject to performance and funding availability. Reference Number: NS 2015 225 PB. Opening soon. Expected Closing Date: mid December 2015.
3. Population Biology Bioinformatician (Research Associate; postdoc). Role: To develop one or more aspects of a vector population biology database and associated infrastructure, and help with building data visualisation tools to discover genotype-phenotype associations, population structure and population dynamics. Start date: ASAP. Duration: 1 year initially and renewed every year to up to 4 years based on performance and non-competitive funding renewal. Vacancy Reference Number: NS 2015 206 PB. Short link: <https://goo.gl/125ciE>. Closing Date: 6 December 2015 (midnight GMT).
4. Research Assistant Bioinformatician (graduate level). Role: To process transcription profiling data using established protocols and platforms and to manage database updates and web code deployment and assist with infrastructure development. Start date: ASAP. Duration: 1 year initially and renewed every year to up to 4 years based on performance and non-competitive funding renewal. Vacancy Reference Number: NS 2015 205 PB. Short link: <https://goo.gl/WH1hVU>. Closing Date: 3 December 2015 (midnight GMT).
5. Research and Laboratory Manager Assistant. Role: To conduct population biology data curation and facilitate submissions, and to assist in managing and organising non-experimental aspects of the laboratory. Start date: ASAP. Duration: 1 year initially and renewed every year to up to 4 years based on performance and non-competitive funding renewal. Vacancy Reference Number: NS 2015 152 PB. Short link: <https://goo.gl/p7QjXx>. Closing Date: 6 December 2015 (midnight GMT).

Imperial College is consistently ranked among the top ten Research and Teaching Universities in the world, while the Department of Life Sciences is recently ranked 6<sup>th</sup> in the world by the Times Higher Education (THE) World University Rankings. VigiLab has a multifaceted research agenda and uses cutting-edge methodologies including genomics, functional genomics, population genetics, reverse genetics, molecular and cell biology, biochemistry and bioinformatics, integrated in a systems biology framework. It also benefits from an extensive international collaboration network. It is currently funded by the Wellcome Trust, the National Institutes of Health (NIH), the Biotechnology and Biological Sciences Research Council (BBSRC), the European Commission (EC) and the Royal Society. It is a founding laboratory of the Centre for Malaria Transmission Research that represents one of the largest communities of malaria researchers worldwide. For further information please visit our website: [www.vigilab.org](http://www.vigilab.org).

For informal or early (prior to position opening) enquiries please contact Professor George K. Christophides ([g.christophides@imperial.ac.uk](mailto:g.christophides@imperial.ac.uk)) or Dr Bob MacCallum ([r.maccallum@imperial.ac.uk](mailto:r.maccallum@imperial.ac.uk)) for the bioinformatics positions or Dr Dina Vlachou ([d.vlachou@imperial.ac.uk](mailto:d.vlachou@imperial.ac.uk)) for the wet-lab positions. The preferred method of application is online via our website <http://www3.imperial.ac.uk/employment>. For this, you may follow the link provided above or select "Job Search" on the employment website and then enter into "Keywords" the job title or vacancy reference number including spaces or "Christophides". Please complete and upload an application

form as directed. If you are unable to apply online, please contact us to request an application form. Note that the above deadlines may be extended if suitable applicants are not found.