Imperial College London

PhD positions in Systems Neurobiology

A fully funded PhD position is available, starting from as early as October 2017, to work on the genetics and molecular basis of behaviour in the laboratory of Giorgio Gilestro at Imperial College London, in collaboration with Syngenta, a world leader biotechnology company. The position covers tuition fees at UK/EU level and a generous salary for 4 years of PhD and will give the student the opportunity to create a strong connection between academia and industry. The successful candidate will be an enthusiastic young researcher, passionate about science and interested in solving some of the most puzzling problems of neuroscience, applying state of the art technologies spanning from hardcore genetics to computer vision.

The main research focus of the laboratory is to uncover the – yet mysterious! – function of sleep, mainly using the fruit fly *Drosophila melanogaster* as the animal model. Most projects belong to wider collaborative enterprises between our laboratory and partner laboratories in the Computer Science and Bioengineering Departments of Imperial College London, one of the best Universities in the world, located right in the heart of London.

The candidate should have a BSc degree at an upper second class level or better and a strong background in biology, biochemistry, medicine or genetics. In addition, a Masters degree or previous relevant laboratory experience are required. Given the interdisciplinary nature of the projects, familiarity with computer programming, hacking or mathematical modelling are highly appreciated. Only UK/EU nationals with residency in the UK for at least 3 years prior to October 2017 are eligible for this studentship.

If interested, please contact me sending a copy of your CV and a short paragraph describing your interests and your achievements at giorgio@gilest.ro or g.gilestro@imperial.ac.uk.

The deadline is 31st May, so please get in touch as soon as possible. Informal enquiries are very welcome.

http://lab.gilest.ro