

Barts and the London School of Medicine and Dentistry

PhD Studentship (Early Stage Researcher)

Applications are invited for one PhD Studentship (Early Stage Researcher), working under the supervision of Professor David Kelsell at Barts and London School of Medicine and Dentistry, Queen Mary University of London, as part of the Marie Curie Initial Training Network NANODRUG, which is funded by the European Commission, comprising 13 teams from different countries. This Network will provide an exceptional training platform for young researchers to acquire a variety of interdisciplinary and intersectorial skills in the area of nanomedicine with emphasis on targeting to the skin to treat inflammatory skin conditions such as psoriasis and also skin infections. For more information on the project please visit: www.nanodrug.qmul.ac.uk.

The project at QMUL will focus on applying novel stimuli responsive nanomaterials to *in vitro* human skin models both normal and disease. The successful candidate will attend regular training courses and international meetings and will be expected to go on 3 secondments (one per year) of at least 2 weeks each to other teams.

Candidates must have a degree in a Biology related subject with a strong knowledge of human genetics, molecular and/or cellular biology. The project will involve gene cloning, immunocytochemistry, confocal microscopy and organotypic keratinocyte cell culture techniques. Experience in any of the above techniques would be highly desirable. Good knowledge of the English language (both written and spoken) is essential.

Due to this project being part of the Marie Curie Initial Training Network, eligibility rules apply. Applicants should not be a national of the state in which the project and research is to take place – in this case the UK. Applicants also should not have lived, worked or studied in that country (UK) for more than 12 months out of the 3 years immediately prior to the time of application. To qualify as an "Early Stage Researcher" applicants should be within the first 4 years of their research careers (from the date of their final degree).

The post is available for a fixed term period of 36 months and the successful candidate will be registered for the PhD programme at Queen Mary, University of London. The appointment will be on a fixed salary of £33,491 per annum which includes the single person's mobility allowance or approximately £36,090 per annum which includes the married person's mobility allowance (depending on the rate with the Euro).

The starting date for the contract is expected to be October 2012.

Interested candidates are strongly advised to contact Professor David Kelsell at d.p.kelsell@qmul.ac.uk and send a CV to check their eligibility, prior to applying.

Further details and a BLUE application form can be obtained from the Human Resources website on: <http://www.hr.qmul.ac.uk/vacancies>. For further information about the School's, please visit <http://www.sbcs.qmul.ac.uk/vacancies> for the School of Biological and Chemical Sciences and <http://www.smd.qmul.ac.uk> for the Barts and the London School of Medicine and Dentistry.

Completed application forms together with a copy of your CV and a short statement detailing how you meet the Marie Curie EU nationals criteria and quoting reference number 12016/NL, should be returned to Ms Sunita Devi-Paul, School of Biological & Chemical Sciences, Queen Mary, University of London, Mile End Road, London, E1 4NS, or by e-mail: sbcs-vacancies@qmul.ac.uk.

The closing date for applications is 27th February at 4pm.

Shortlisted candidates will be required to attend the interview in London, which will be held during March 2012.

Unfortunately, we are unable to reply to those applicants who have not been short listed and invited for interview. However, we would like to thank all candidates for their applications and interest.