

**ROYAL HOLLOWAY  
University of London**  
**Postdoctoral Researcher in RNA Interference & Gene Therapy for Muscular Dystrophy**

***Salary is in the range £32,106 to £37,922 per annum inclusive of London Allowance.***

We are looking to appoint a post-doctoral scientist with excellent skills in molecular biology, aseptic cell culture, and molecular cloning. Experience in muscle biology and histology, RNAi/shRNA gene expression knock-down, adeno-associated virus vector (AAV) gene transfer, and in vivo experimentation would be an advantage but training is available.

The successful applicant will join a leading international research team evaluating a revolutionary new approach to combat oculopharyngeal muscular dystrophy (a triplet repeat autosomal dominant muscle disease) in conjunction with the Sydney-based biotechnology company, Benitec PLC, and the Institut de Myologie in Paris. He/ she will be responsible for developing and testing shRNA and gene therapy systems to modulate aberrant gene expression and to counter muscle atrophy. Post is available initially for 18 months with potential for further extension towards a clinical trial.

This position offers experience at the cross-roads between fundamental, translational and clinical research, bridging the gap between academia and biotech industry, in a scientific environment with a high critical mass and core facilities. You will be based at the beautiful RHUL campus in Egham, Surrey some 30 minutes west from Central London, and with excellent rail and air links.

The main duties and responsibilities of the post are to conduct and report on gene therapy research in RNA interference therapy to counter muscular dystrophy. The post essentially requires a scientist with (i) a doctoral degree in a topic area of molecular genetics, virology or physiology, (ii) essential skills in molecular genetics, cell biology and in vivo experimentation, and (iii) research experience on mammalian gene transfer technology or skeletal muscle biology.

Informal enquiries to Professor George Dickson Tel: 44-(0)1784 443545 Email: [g.dickson@rhul.ac.uk](mailto:g.dickson@rhul.ac.uk).

Further information about the grant and grant holder can be found below:

<http://pure.rhul.ac.uk/portal/en/persons/george-dickson%28f8b3f42b-1968-4521-8c46-f9250bd7fc63%29.html>

<http://www.mdex.org.uk/>

<http://www.benitec.com/>

[http://www.institut-myologie.org/anglais/ewb\\_pages/r/research\\_gbb\\_team.php](http://www.institut-myologie.org/anglais/ewb_pages/r/research_gbb_team.php)

For further details of this post and to apply online at <https://rhul.engageats.co.uk> or contacting the Recruitment Team by email: [recruitment@rhul.ac.uk](mailto:recruitment@rhul.ac.uk) or tel: 01784 414241

Please quote the reference X1110/X1111/6721

[https://rhul.engageats.co.uk/Login.aspx?enc=vDVL6Y6BrOnmx9szwB5icMU/Bp97ap1BII/jb0LhRYV\\_eoh/cn5bYgvW+9EbbSw7a](https://rhul.engageats.co.uk/Login.aspx?enc=vDVL6Y6BrOnmx9szwB5icMU/Bp97ap1BII/jb0LhRYV_eoh/cn5bYgvW+9EbbSw7a)

Closing date: 11.12.11

***The College is committed to equality and diversity, and encourages applications from all sections of the community.***