Job Description

<table>
<thead>
<tr>
<th>Job Title</th>
<th>Postdoctoral Scientist</th>
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<tr>
<td>Directorate</td>
<td>Science</td>
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<tr>
<td>Department</td>
<td>African Swine Fever Virus Group.</td>
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<tr>
<td>Pay Band and Salary Range</td>
<td>Band D; from £32,361 with higher numeration considered depending on experience and qualifications</td>
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<tr>
<td>Contract type</td>
<td>Fixed Term Funding for 1 Year</td>
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<td>Reporting To</td>
<td>Head of African Swine Fever Virus Group.</td>
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<tr>
<td>Line Manager Responsibilities</td>
<td>No</td>
</tr>
<tr>
<td>Main Work Location</td>
<td>The Pirbright Institute, Pirbright, Surrey, GU24 0NF</td>
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<tr>
<td>Application Closing Date</td>
<td>24/09/2017</td>
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The Pirbright Institute

The Pirbright Institute delivers world-leading research to understand, predict, detect and respond to viral disease outbreaks. We study viruses of livestock that are endemic and exotic to the UK, including zoonotic viruses, by using the most advanced tools and technologies to understand host-pathogen interactions in animals and arthropod vectors. Our major strength in understanding the immune systems of livestock provides a platform to control current diseases and respond to emerging threats.

Our Institute is made up of a dynamic and vibrant community of staff covering a diverse set of chosen fields, backgrounds and experience. We all play a crucial role in furthering the Institute’s aspirations, advancing the frontiers of science and knowledge through our excellent scientific research, knowledge sharing and contribution; with a real focus in improving the world in which we live. Our outlook is always balanced by our strong sense of purpose, values and behaviours and an unwavering commitment to a ‘one Institute’ approach.

Organisation position and purpose:

The Postdoctoral Research Scientist is a pivotal member of the African swine fever virus (ASFV) research team and will be responsible for delivering scientific objectives on a project funded by a commercial partner to develop candidate live attenuated vaccine strains.

ASFV is a large DNA virus that causes a severe disease in domestic pigs and wild boar. The disease is endemic in sub-Saharan Africa, the Russian Federation, Sardinia and some countries in Eastern Europe.

The ASFV group carries out strategic and applied research aimed at improving understanding of ASFV host interactions to underpin development of vaccines.
Main duties and responsibility

Perform scientific research to achieve objectives including:

- Comparison of replication and induction of host innate immune responses in macrophages infected with candidate gene-deleted ASFV strains
- Investigation of the effect of mutation on virus pathogenesis and induction of protection in pigs.

Preparation of oral and written reports and publications including:

- Maintaining accurate records of experiments and results.
- Giving presentations for internal and external audiences.
- Preparing reports.
- Publishing papers.

Collaboration other members of the team including:

- Discussing and planning research of PhD students and other staff members involved in the project.
- Evaluation of results and future directions.

This job description is only an outline of the tasks, responsibilities and outcomes required of the role. The jobholder will carry out any other duties as may be reasonably required by his/her line manager. The job description and personal specification may be reviewed on an ongoing basis in accordance with the changing needs of the Human Resources department and The Pirbright Institute.

All employees shall actively participate in the Institute-wide quality assurance system in conjunction with the Institute’s Quality Manager. Employees are also expected to safeguard their own health and safety and security by following policies and all employees are responsible for the Health and Safety and security of staff under their management.

Personal behaviours

Collaborative, ethical, engaging, creative, influential and have the ability to make use initiative and solve problem.

Specific requirements

Essential

- A PhD or equivalent in a relevant branch of biosciences.
- Evidence of excellent oral and written communication skills, including the ability to communicate effectively with funding bodies, peer-review groups.
- Good publication track record in a relevant field.
- Evidence of experience of change-management, influencing and strategic vision.

Desirable

- Experience of working in a high containment laboratory environment with viruses.
- Evidence of networking skills with the ability to build effective collaborative relationships.
What we offer

- Generous Group Personal Pension Scheme and life cover (subject to age and earnings)
- 25 days annual leave per annum, pro rata, plus 10.5 public and privilege days
- Pirbright gym with subsidised membership
- Pirbright social club
- Pirbright Lifestyle Hub (employee discount site)
- Cycle to work
- Subsidised staff restaurant
- Childcare vouchers and a subsidised childcare allowance
- Free onsite parking

To apply for this vacancy please send a copy of your CV with an optional cover letter to pirbright.hr@pirbright.ac.uk

For more information and to access the full job description, visit Jobs | The Pirbright Institute

We acknowledge, understand and embrace diversity, equality and inclusion