



INSTITUTE FOR ANIMAL HEALTH
PIRBRIGHT LABORATORY

Post Doctoral Scientist
POST REF: 09P/0031

JOB DESCRIPTION

The Institute for Animal Health (IAH) is one of five research institutes of the Biotechnology and Biological Sciences Research Council (BBSRC) and is at the forefront of research into animal diseases.

It is based on two sites: **Compton (near Newbury)** and **Pirbright (near Woking)** where this post is based. In total, the Institute employs some 400 staff and, at any one time, is host to up to 50 students and visiting scientists

PURPOSE

To undertake a research project to determine the role of different T-cell subsets in clearance of bluetongue virus (BTV) in calves. The post holder will lead and co-ordinate the research project and be responsible to the head of the Vaccinology group within the Vector-borne diseases programme.

JOB DESCRIPTION

The 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 Division and the Institute for Animal Health.

DUTIES AND RESPONSIBILITIES

- Purification of monoclonal antibodies to bovine T-cell subsets
- Analysis of the effects of T-cell depletion on BTV infection in calves
- Analysis of bovine T-cell subsets by flow cytometry
- Analysis of BTV replication in calves
- Analysis of the antibody and T-cell responses of calves to BTV

Essential

The Institute is engaged in Research work on a number of virus diseases of live stock, several of which, in particular foot-and-mouth disease, are highly infectious to livestock, therefore compliance with the Disease Security Regulations is an essential requirement of employment.

The Employee must not live on any premises where any cloven hoofed animals are kept, such as cattle, sheep, pigs, goats or deer, and must not visit any premises where such animals are kept within three days of entering the restricted area of the laboratory, or within five days of entering the restricted animal accommodation.

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

QUALIFICATION AND EXPERIENCE

Essential

- A good first degree and a Ph.D. in a relevant scientific discipline
- Experience in cellular immunology
- Experience in flow cytometry
- Experience in virology
- Home Office licence
- Good written and verbal communication skills
- Effective organisation and management skills
- Ability to work as part of a team
- Willingness to work at SAPO 3 containment

ADDITIONAL INFORMATION

For additional information or an informal discussion of how the Institute operates and the challenges which will face the successful candidate please telephone or write to the Institute for Animal Health, Pirbright Laboratory, Ash Road, Pirbright, Woking, Surrey, GU24 0NF (tel.01483 232 441) or email pirbright.hr@bbsrc.ac.uk

BENEFITS OF THE POST

The post is graded at **Band DPD** and is a Limited Term Contract for 1 year. Starting salary is **£26,610 to £29,566** depending on qualifications and experience. On appointment, you are eligible to join the Research Council's Pension Scheme. You have the choice of either:

- an attractive, index-linked defined benefit pension scheme that currently has a 3.5% member contribution rate. The bulk of the cost of this scheme is met by the employer: or
- a stakeholder pension with a contribution from the employer. Our basic contribution is based on your age, and we pay this regardless of whether you choose to contribute anything. You do not have to contribute if you do not wish to but, if you do, we will also match your contributions up to an additional 3% of pay.

Annual leave is **27** days on appointment plus 10.5 days public and privilege holidays. The Institute has a subsidised child care scheme, staff restaurant and free parking. Staff work a 37 hour week, Monday to Friday.

Closing date: 1st March 2010