THE VACCINE GROUP

VACCINE SOLUTIONS FOR THE 21ST CENTURY

Role: Research Assistant

Salary: based on experience

Reports to: Dr Michael A. Jarvis

Summary:

Lay summary
TVG pursues the innovative design, construction and characterization of herpesvirus vaccine vectors. We apply sophisticated recombination technologies towards immediate problems concerning human health and economy, such as Ebola and Rift Valley fever viruses, HIV, Flu, tuberculosis and other emerging infectious diseases and cancer. The use of vaccines against bacteria to curb our societal addiction to antibiotics is another area of growing focus. We at TVG work not in isolation, but instead regard ourselves as only a single node of expertise in an international network of interactive scientists. Recombination technology – bacterial artificial chromosome (BAC) and CRISPR – has now reached the level whereby only our imaginations and the realities of Nature can limit what we are able to achieve. "For a successful technology, reality must take precedence over public relations, for Nature cannot be fooled" – *"You can't pitch Nature."* TVG is a spin-out company set up by the University of Plymouth. All activities undertaken within this role will be carried out in University facilities therefore will need to be in carried out in compliance with the University's Safety Policy and undertaken in a way that demonstrates the University's commitment to Equality and Diversity for staff, students and partners.

The successful applicant will have a sound scientific background with previous experience working in a laboratory environment. Experience with molecular biology, protein expression and eukaryotic tissue culture is desirable. The successful applicant will actively participate as a member of a dynamic research team focused on the development of innovative viral vaccines for emerging infectious diseases. Under the guidance of Dr Michael Jarvis (Chief Scientific Officer) and other senior laboratory personnel, the successful applicant will be responsible for providing research support to a number of on-going scientific research projects in the Jarvis laboratory. **The role will be subject to a 3 month probationary period.**

Key Accountabilities:

- This job description provides a general reflection of the key accountabilities associated with the post, it is expected that the role holder will undertake any other reasonable activities to assist in efficient service delivery

- Particular emphasis on key accountabilities and indicators of success will be defined in discussion between the individual employee and Dr Jarvis as part of TVG's PDR process.

Accountability	Indicators of Success
• Undertake basic research with adherence to laboratory SOP involving the preparation, running and accurately recording experimental outcomes in a detailed and robust fashion.	• Supervisory Team Feedback • Demonstrates the sound basic scientific and technical expertise required to meet designated goals. • Shows ability to adhere to SOPs.
• Provide support to the PI, research fellows and other members of the research team for delivery of research projects.	• Achieves required research goals set by PI and research team within the defined time period. • Peer feedback • PI Feedback
• Assist with the day-to-day administration and organisation of the research and laboratory as required.	• As above
• To be familiar with research ethics requirements and the principles of good laboratory / research practice.	• Successful delivery of projects within time, resource and budget allocations • Research Feedback
• Ensure completion of risk assessments and adherence to Health & Safety regulations.	• Research Feedback
• Work with others as a team member, developing productive relationships with other staff and leading where agreed.	• Peer feedback • Staff survey feedback • Research Feedback