

Posting Title: Senior Viral Immunologist
Job Title: Senior Principal Scientist

Posting Locations

Country	State	City
GBR		Sandwich

Responsibilities:

The AI Research Dept is seeking to complement its anti-virals (HIV/HCV) programs with immunomodulatory and vaccine approaches. A team of up to 8 FTE has been created within the TA to lead these efforts. This team will work in close partnership with the Vaccines CoE in Sandwich and Inflammation CoE in St Louis to identify and prosecute promising targets. A recognized and published immunologist with strong understanding of immune system induction in response to viral infections, spanning innate and adaptive immune pathways, is required to join this newly established team. This position will help shape the overall immunomodulation and vaccine strategy, lead the scientific prosecution of projects, and establish testing cascades for in vitro and in vivo molecular, cellular and disease model experimental approaches. You will have experience of studying (using a wide range of both in vitro and ex vivo techniques) the immunopathogenesis of one or more of the following viruses: HIV, HCV, Flu, HSV and RSV. Experience in one or all of the following areas are desirable - Toll-like receptor (TLR) responses to viral infection, innate immune antiviral pathways, adaptive immunological responses to DNA or protein or peptide or viral vector or VLP vaccines (prophylactic and therapeutic), measuring the inhibitory effects of regulatory T cells on T cell effectors (to investigate T cell anergy in viral infections), and characterization of biological adjuvants to increase immunogenicity of vaccines. You will be required to lead and direct scientists and be accountable for their project contributions and be responsible for the critical appraisal of their results. This is a laboratory based position. You will work in a matrix role within project teams spanning many departments and will be expected to contribute to multiple projects based on their knowledge and experience.

Major Duties:

- Laboratory and related work (75% of time)
- Scientific leadership in the conception, design, execution and testing of novel immunomodulatory approaches and vaccines using in vivo and ex vivo models of viral disease
- Experimental design
- Responsible for design and the testing cascade for experimental approaches and efficacy determination.
- Will design vaccine approaches that result in the gain of intellectual property for patenting purposes
- Will be responsible for the analysis and interpretation of experimental data and identify issues and implement necessary changes.
- Will ensure the quality of experimental data, results and methodology used.
- Will have and maintain skills and experience to be fully conversant with the operation and validation of all items of equipment or IT needed for experimentation, data analysis, storage and data entry.

- May undergo Home Office Licensee (or US equivalent) training depending on nature of role and motivation and aptitude.
- Will regularly use the scientific literature and electronic information critically to enhance understanding of disease/technology area and generate novel methods and testable hypotheses.
- Documentation.
- Authorship of SOPs, study reports and protocols.
- Write-up laboratory notebooks regularly in compliance with Pfizer IP policy and GSP
- Preparation of presentation materials.
- Communication.
- Regular 1:1 communication with TA colleagues, partner lines and vaccines CoE.
- Forge strong links with immunologists at Groton, Cambridge and St Louis
- Be expected to represent Pfizer at scientific events, and present and publish in the broader scientific community.
- Safe working.
- Work safely themselves.
- Able to use COSHH and generic risk assessments and Job Based Hazard Assessments, compliance with PGRD procedures and HSE legal requirements.
- Will recognise hazards and risks (own and others), within own area of expertise. Intervene or take action, where appropriate

Qualifications:

- Graduate in a relevant biological science (i.e. Biochemistry, Immunology, Molecular Biology, Physiology, Virology).
- Substantial practical viral immunology ex vivo and in vivo in one or more chronic viral diseases
- Devised in vivo testing cascades to test for vaccine efficacy in disease models
- Experience of protocol and report writing
- Experience in setting up multiple immunoassays (e.g. ELISA, cytokine release, ICCS, flow cytometry, immunoblot, ELISPOTs, chemotaxis)

To apply, please visit www.pfizer.com and refer to requisition #69809

Please include specific information regarding your skills and abilities for this particular role to assist us in assessing your suitability.

Please advise us if you have any particular needs to support your attendance and full participation in the interview. Likewise, if you would like written correspondence with you to feature a larger font size, please contact us on 01304 649922 or alternatively please detail the assistance you require on the bottom of your CV.

PLEASE DO NOT INCLUDE YOUR AGE OR DATE OF BIRTH IN YOUR RESUME/CV AS THIS INFORMATION IS NOT REQUIRED FOR YOUR

APPLICATION.

PGRD's aim is to provide equality of opportunity in the recruitment process by avoiding discrimination on the grounds of: age, sex (physical characteristics you were born with), marital status, gender (self identity), sexual orientation, religion or belief, disability, colour, national or ethnic origin, political persuasion or trade union membership.

At Pfizer we are creating an organization and promoting a culture that respects each individual's unique character and life experiences, and reflects the diversity of our customers and markets. We will achieve this through fostering and sustaining an environment in which every colleague feels valued and supported, thus enabling superior business results.

Imagine a career that touches the lives of people everywhere. Imagine an opportunity to reach beyond your area of expertise to make an impact on something greater than the bottom line. Imagine playing a key role in some of the most critical issues facing healthcare today. This is your career at Pfizer - a career unlike any other.