



154B Brook Drive
Milton Park
Oxfordshire
OX14 4SD
United Kingdom
Tel: +44 (0)1235 835328

Scientific Opportunities

Role starting dates from 1st July 2017

PsiOxus Therapeutics Ltd is an Oxford based development stage biotechnology company developing novel therapeutics for the treatment of cancer, with a focus on immunotherapeutic approaches. We have a first-generation oncolytic virus in Phase I/II clinical development and are developing an innovative pipeline of pre-clinical and research candidates using our proprietary oncolytic virus platform technology. The company is looking to expand its scientific team to support research and development of new immuno-therapeutic viruses and further build on our platform capabilities. We have open positions for laboratory-based scientists with an interest in pursuing a career in Biotech, who have the following expertise and experience:

1. Molecular Cell Biology (REF: MCB-01)

This role will focus on the design, cloning and characterisation of novel oncolytic virus candidates expressing immunotherapeutic transgenes. Applicants for this role must have at least three years of demonstrable practical experience of molecular biology techniques, including plasmid design, cloning, PCR, electrophoresis, bacterial amplification and DNA purification. In addition to these core molecular biology skills, experience of RNA-based gene expression profiling technologies and strong experience of mammalian cell culture is also essential. Direct practical experience using virus-based vector systems and a good understanding of fundamental cell biology would also be an advantage.

2. Cellular Immunology (REF: CI-01)

This role will focus on investigating the effects of novel oncolytic virus candidates and their immunotherapeutic transgene products on human immune cell function. The role will include the use of a wide range of immunology and other techniques to design, setup and implement investigations into virus activity and immune system function using blood and tissue samples from healthy donors or cancer patients. There will also be opportunities to support the development and/or use of immunology assays for testing clinical trial samples. Candidates should have at least three years of demonstrable practical laboratory-based experience of studying human cellular immune responses. In particular, candidates should be able to demonstrate extensive experience of T-cell assay systems (e.g. primary cell cultures, flow cytometry, ELISPOT, gene expression analysis) and a range of supporting molecular and immunochemical assay techniques (e.g. ELISA, RT-qPCR and other gene expression approaches).

3. Cell & Tissue Culture (REF: CATC-01)

This role will be primarily focused on applying a range of cell and tissue culture approaches to the generation, characterization and functional analysis of novel oncolytic virus candidates and their immunotherapeutic transgene products. In addition to traditional cell line and primary cell culture approaches, this role may also expand to explore more complex systems such as 3D co-culture models and explant culture of tumour tissues. Candidates should have at least three years of demonstrable practical laboratory-based experience in human primary cell and tissue culture techniques, together with experience of the design, set up, running and analysis of co-culture experiments and readout assays (e.g. ELISA, FACS, RNA profiling techniques and cell activity assays). Experience of complex coculture systems and/or explant models would also be advantageous.

Please note that unless you specify in your email, all applications will be kept in our confidential company database in case future opportunities arise.



154B Brook Drive
Milton Park
Oxfordshire
OX14 4SD
United Kingdom
Tel: +44 (0)1235 835328

4. Assay Development (REF: AD-01)

This role will involve the development of a range of different assays, including immunochemical and cell-based assays, to support: virus product characterization, stability assessment, product batch release and evaluation of clinical samples. Once developed, the assays will either be used internally or technology transferred to a GXP contract testing organization. Applicants for this role must have a minimum of three years demonstrable and relevant practical laboratory experience of assay development, and have one or more of the following desirable additional experience and skills: assay technology transfer, assay validation or qualification; familiar with design of experiment, good knowledge of ICH or other regulatory guidelines and quality systems; biochemical assays; HPLC; bioassays or flow cytometry techniques.

Successful candidates will have a life sciences degree and demonstrate excellent attention to detail, good organizational skills and an ability to meticulously and independently design and follow protocols to carry out and record experiments. They will be enthusiastic, diligent and team-oriented in their approach to work, together with having excellent communication skills, and preferably previous lab-based experience in industry.

We offer an attractive remuneration package including salary, pension, private healthcare and other benefits. To apply please send your CV along with a covering letter, briefly indicating which role you are interested in and outlining why you believe you are the right candidate, to: **Julie Naish, HR Manager (julie.naish@psioxus.com)** adding 'Scientist Job Application' and the reference number to the subject line of your email.

The closing date for applications is 30 April 2017, however applications will be evaluated in the order that they are received. You are therefore encouraged to apply as soon as possible.

Please note that unless you specify in your email, all applications will be kept in our confidential company database in case future opportunities arise.