



Opening Vaccinologist

Join the team at Baseimmune to harness the power of our computational platform to design and create variant-proof vaccines.

Date Posted: 31st August 2021

Closing Date: 23rd September 2021

Start Date: October 2021

Location

**Imperial College
London, South
Kensington**

Position type

Full time, fixed term (24 months post)

Salary

£39,000 - £41,000

+ compensation package

Who are we

Baseimmune is a biotechnology start up working on data-driven methods for antigen design and vaccine development, founded by a team from the Jenner Institute in Oxford that's previously developed over 15 vaccines. We use computational methods to design the next generation of future-proof vaccine antigens by predicting pathogen diversity before it happens. We are a London based start-up looking for a dynamic team to realise this vision.

Our pipeline includes the development of a number of human and veterinary candidates. In addition, we have a number of collaborations with world leading institutes such as Imperial College London.

The role

You'll be joining a rapidly expanding team initially located at the South Kensington Campus of Imperial College London but re-locating to a larger London-based laboratory. The position provides the opportunity to work with a fresh biotech lab at the start of its journey with the opportunity to have a real impact. You'll be reporting directly to the founders and have the opportunity to contribute significantly to key decisions and directions within the company.

This is a lab-based post and you'll be responsible for the pre-clinical development of our vaccine pipeline. This includes the production of vaccines at lab scale, testing in animal models, and assessing their performance using state of the art immunological approaches available within the labs at Imperial College London. This also includes explorative research to further our understanding of novel vaccines and further develop our antigen design platform. The key responsibility of the role is to design, manage, and complete research objectives and investigations to achieve set milestones.

Responsibilities

- Conceive, design and conduct PoC experiments to generate data on efficacy & safety of novel vaccines in preclinical models.
- To participate in a team working to deliver *in vivo* investigations of porcine, murine and human host immune responses to vaccination and infection,
- Regularly communicate and present results to leadership teams
- Manage external projects with CROs and external collaborators.
- Maintain familiarity with scientific and technical literature pertinent to the projects

Desired Attributes

- Experience with vaccine delivery platforms (Adenovirus, RNA etc)
- Experience with immune assays such as Flow cytometry, ELISA, ELISpot
- Protein production in *in vitro* systems (mammalian/insect and bacterial) and protein purification (HPLC).
- Open approach, ability, and eagerness to learn novel techniques or analysis tools based on project needs.

Requirements

- Experience in pre-clinical development of vaccines is essential
- You require a right to work in UK (we cannot provide sponsorship for VISA)
- Have previously held a UK PIL animal licence with experience in executing *in vivo* studies in pre-clinical models
- Ph.D. degree or post-doctoral training in Immunology, vaccine development or related field
- Expertise in Molecular biology (cloning, PCR)
- Excellent oral and written communication skills

Apply via either:

info@baseimmune.co.uk

Email CV and 1 page statement of interest

LinkedIn

www.baseimmune.co.uk