Research positions in the Immunology of COVID-19

Two Postdoctoral Fellowships and Research Assistant positions are available to work on the Immunology of COVID-19 in the Trinity COVID-19 Research Hub at Trinity Biomedical Sciences Institute (TBSI), Trinity College Dublin

The Trinity COVID-19 Research hub will utilize world-class immunology expertise to provide research-based solutions to tackle the COVID-19 pandemic. This ambitious project, which has received approx. €7.5m funding from Science Foundation Ireland, Allied Irish Bank and other sources, is led by Professor Kingston Mills, Professor of Experimental Immunology, Director of TBSI and Professor Aideen Long, Director of Trinity Translational Medicine Institute.

One Postdoctoral Fellow will work with Prof Mills on COVID-19 candidate vaccines and will explore novel approaches for inducing respiratory tissue-resident memory T cells and virus neutralizing antibodies by immunization with SARS-CoV-2 proteins and novel adjuvants.

The second Postdoctoral Fellow will work jointly with Profs Mills and Luke O'Neill to assess the efficacy and mechanism of action of novel anti-inflammatory therapeutics (e.g. NLRP3 inflammasome inhibitors and cell metabolites such as Itaconate) in models of lung inflammation and cytokine storms.

Postdoctoral Candidates should have a PhD in Immunology or a related discipline and prior research experience in immunology (essential) and preferably experience in animal model and/or infectious diseases.

The Research Assistant will work closely with Prof Jean Fletcher and Dr Barry Moran to support the flow cytometry core facility in TBSI and its role in immune profiling of individuals with COVID-19 or exposed to SARS-CoV-2.

The Research Assistant will have a primary degree in Immunology or related discipline, preferably with some research experience.

Appointments will be made on SFI Postdoctoral Researcher (level 2A) salary scale (€38,631-€42,200), depending on experience and in line with current Government pay policy. The Research Assistant will be appointed on the SFI scale point 14, €33,352. Appointments will be fixed term for 3 years with the normal probation period.

Applications by email to include CV, letter of application and the names, phone numbers and email addresses of 2-3 Referees; Postdoctoral applications to: kingston.mills@tcd.ie; Research Assistant to: FLETCHJ@tcd.ie

Closing date: 23rd October 2020.

www.tcd.ie/hr/vacancies/