

An exciting opportunity for **2x fully funded 4 year PhD students (EU)** and a **research assistant position** (3 years) will become available at the Translational Immunology Laboratory at the School of Biotechnology, DCU. The successful candidates will perform research on T cells and synovial fibroblasts with the aim of identifying novel therapeutic targets for Rheumatoid and Psoriatic Arthritis. As part of this project the PhD students with the support of the research assistant will utilise bioinformatic, flow cytometric approaches and novel in vitro culture systems including 3D-cultures in order to identify pathways of T cell-synovial fibroblast crosstalk. This project is funded by the Health Research Board under project HRB EIA 2022-002 and is supported by expert collaborators in Trinity College and Saint's Vincent's University Hospital.

Requirements: Minimum of a Bachelor of Science (2.1 or higher) in Immunology, Biology, Genetics, Genomics, Biochemistry, Bioinformatics or a related discipline from the life sciences or data sciences.

Desirable: Masters level research experience is highly desirable. Flow cytometric analysis experience. Cell culture expertise. Bioinformatics, R, python programming capabilities highly desirable.

To Apply: Please send a letter of motivation and a current CV, indicating your research experience and including the names of two referees to Dr. Achilleas Floudas via email to achilleas.floudas@dcu.ie. Informal enquiries to the same email are welcome.

For information on moving to Ireland please see <http://www.euraxess.ie>

Please include PHD HRB2023 or RA HRB2023 in the subject line of all emails.

Contact Name: Dr Achilleas Floudas

Contact Email: achilleas.floudas@dcu.ie

Application Deadline: 28th April 2023 at 17:00

Interviews for shortlisted applicants to be held in May

Funding: Student Stipend € 19000 p.a.

EU Student fees covered.

RA pay scale: € 35000 p.a.