Research assistant in corneal bioengineering

A 12 month research position funded by European Research Council has become available in the area of corneal bioengineering. The aim of this project will be to develop scaffolds suitable for promoting corneal regeneration and testing these scaffolds using corneal cells. The successful candidates will also get the opportunity to assist other lab members on their research projects. They will receive training in a variety of biological and bioengineering techniques and have access to state-of-the-art facilities at the Trinity Centre for Bioengineering.

Candidates should ideally have a 1st class honours primary degree or MSc degree in a relevant science or bio-engineering discipline. The position would be particularly suited to someone interested in gaining hands-on laboratory experience before pursuing a PhD. Experience or knowledge in any of the following is desirable but not essential as training will be provided: cell culture; immunofluorescent staining; PCR; biochemical assays; biomaterials preparation and physical characterization; tissue engineering and ophthalmology.

Closing date for applications is 1st May 2018 with candidates expected to start between June and September. Interested candidates for this exciting opportunity should send a CV, cover letter and contact details for two referees to Prof. Mark Ahearne via e-mail (ahearnm@tcd.ie). Informal enquiries are welcome.

Further details about Prof. Ahearnes research can be found at http://www.mee.tcd.ie/regenerative/People/MAhearne