PhD Scholarship Advertisement

Fully Funded PhD Scholarship in developing 3D-models and organ-on-a chip for ocular
CMNHS/Medicine/Regenerative Medicine Institute/CURAM

Application(s) are invited from suitably qualified candidates for full-time funded PhD scholarship(s) starting in 08/2023 affiliated to the CMNHS/Medicine/Regenerative Medicine Institute/CURAM at the University of Galway.

University of Galway
Located in the vibrant cultural city of Galway in the west of Ireland, the University of Galway has a distinguished reputation for teaching and research excellence

For information on moving to Ireland please see www.euraxess.ie

Detailed Project Description The candidate will be based in Professor Thomas Ritter's research group and the position is supported by a recently funded HorizonEurope consortium grant. Prof Ritter's research focus on the development of novel gene and cell therapies to modulate ocular inflammation and injury. His current research focuses on evaluating the therapeutic efficacy of mesenchymal stromal cells (MSCs) and their extracellular vesicles (EVs) for modulation of inflammation in ocular disease models. The project will be on evaluating the therapeutic efficacy of "pre-activated" MSC-EVs and analysing the MSC-EV cargo for therapeutic molecules and to identify mechanism of action.
www.nuigalway.ie/curam
Ritter Group - University of Galway

Living allowance (Stipend): €18,500 per annum, [tax-exempt scholarship award]

University fees: €5,750

Start date: 08/2023

Academic Entry Requirements: The successful candidate should have a 1st class or a 2:1 honours first degree and a Masters in any of the following areas: immunology, biomedical engineering, chemistry, molecular biology, biotechnology, tissue engineering, medicine, cell biology, biology, drug discovery or in a related area. The ideal candidate should have experience in as many of the following techniques: cell (permanently differentiated and stem cells) biology; molecular biology; protein / gene analysis; histology; and immunohistochemistry. Candidates should have excellent *communication and organisational skills*; be highly motivated and passionate about developing new products; and have strong written, oral and interpersonal skills. The candidate should be able to work *independently* and as a part of team. Leadership skills are desirable for this fellowship. The successful candidate will be

working under the supervision of Prof Thomas Ritter in highly interdisciplinary and international group.

To Apply for the Scholarship: Expressions of interest comprising submission of a covering letter, CV, statement of personal research interests, evidence of performance or equivalent and the contact details of two referees, to be submitted via e-mail to

Contact Name: Professor Thomas Ritter

Contact Email: thomas.ritter@universityofgalway.ie

Application Deadline: 11/07 / 2023 and time 00:00 (Irish time 24hr format)

Primary Supervisor name (if applicable): Professor Thomas Ritter