



NUI Galway  
OÉ Gaillimh



## **PhD Studentship in Functional Biomaterials for Cell Delivery**

### **Description:**

Applications are invited from suitably qualified candidates for a full-time PhD position at the National University of Ireland Galway (NUI Galway). Stipend (€16,000 per year) and EU fees are covered from the grant. The project aims to develop an advanced wound healing product and is in collaboration with an industry partner ([Viscus Biologics LLC](#)). The successful candidate will be based at NUI Galway and may also have to work at the company. The project is co-funded by Viscus Biologics LLC, Science Foundation Ireland and the European Regional Development Fund.

### **Recruiting Institute:**

Regenerative, Modular & Developmental Engineering Laboratory ([REMODEL](#))  
Science Foundation Ireland Centre for Research in Medical Devices ([SFI CÚRAM](#))  
National University of Ireland Galway ([NUI Galway](#))

### **Applicants Qualifications & Expertise:**

Applications are invited from candidates who have a 1<sup>st</sup> class or a 2:1 honour's first degree and have / due to obtain a Master's in biomaterials, biomedical engineering, tissue engineering, cell biology, biology, biochemistry, or related discipline. The ideal candidate should have experience in as many of the following techniques: scaffold fabrication, functionalisation and characterisation; cell (permanently differentiated and/or stem cells) culture; molecular biology; protein / gene analysis; histology; and immunohistochemistry. The ideal candidate must have excellent communication and organisational skills; be highly motivated; and have strong written, oral and interpersonal skills. The candidate must be able to work independent and as a part of team.

### **Duties:**

Among others, the successful candidate will conduct scientific research work at highest ethical and integrity standards; fabricate, functionalise and characterise scaffolds for wound healing; conduct extensive *in vitro* analysis using various cell types (e.g. human dermal fibroblasts, stem cells, macrophages); carry out preclinical experimentation; actively participate and facilitate meetings; draft reports and conference / journal papers; attend and successfully complete training courses; actively participate / organise outreach activities; and be involved in teaching and training.

### **Start Date:**

The post is available from September / October 2020, for 3 years at first instance.

### **To Apply:**

Applicants should email a cover letter outlining their suitability to the post, a detailed CV and the contact details of three referees to Dimitrios I. Zeugolis, PhD at [dimitrios.zeugolis@nuigalway.ie](mailto:dimitrios.zeugolis@nuigalway.ie).

**Closing date for receipt of applications is 17.00 on Friday, 31<sup>st</sup> of July 2020.**

### **Equal Opportunities Statement:**

The National University of Ireland Galway is an equal opportunities employer.