

## Postdoctoral Scientist – Marine Cosmetic Skin Science

Shannon Applied Biotechnology Centre (Shannon ABC) is a Research Centre and Technology Gateway that is a collaboration between Munster Technological University (MTU) and the Technological University of the Shannon (TUS). The Centre works directly with companies in the Biotech, Food and Life Science sectors to assist them with their scientific challenges. The common base to research in these sectors is experimentation and innovation related to bioresources.

Shannon ABC is currently seeking to recruit a Postdoctoral Scientist to work on a cosmetic industry collaborative project to assess functionality of a range of marine derived extracts and products. The scientific technical tasks in this project will involve commercially feasible extraction and characterisation of marine derived bioactives, exploring bioactivity in skin cell culture models, and in person cosmetic skin trials.

The successful applicant will work with a Research Assistant on this exciting project with a cosmetic industry leader to develop novel compounds for skin care.

Shannon ABC is part of the Enterprise Ireland Technology Gateway Program and is co-funded by the Government of Ireland and the European Union through the ERDF Southern, Eastern & Midland Regional Programme 2021-27.

### Minimum Qualifications

- Applicants must hold PhD in a biological science discipline or bio-analytical science related field

Candidates must demonstrate the following in their application:

- Knowledge of mammalian cell biology
- At least 2 years' experience in tissue cell culture
- A range of *in vitro* cell based assay experience
- Extract characterisation methods, e.g. HPLC
- Experience of designing, leading and delivering cell-based research projects
- Familiarity with data presentation techniques, data statistical packages, e.g., GraphPad Prism or similar.
- Logical and concise written and oral communication skills.
- High self-motivation and high productivity.

The following skills would be desirable:

- Postdoctoral experience
- Experience of working with people
- Interest or experience in cosmetic skin research
- Research experience within/collaborating with industry.
- Full driving licence



## Job Duties and Responsibilities

- To work under the direction of the project leader.
- To support the industry sponsor in technical activities.
- To screen compounds in various cell culture models.
- Create project documentation.
- To maintain lab books and lab reports.
- Work with other team members, including postgraduate students and researchers as directed by the project lead.

**Salary:** This post is available on a fixed term basis for a period of 24 months. Postdoctoral Researcher salary scale for this position is €43,133 - €45,436 dependent on qualifications and experience.

**Application Procedure:** The University operates an online recruitment system. All applications must be made online at [www.mtu.ie/vacancies](http://www.mtu.ie/vacancies)

**Location:** This post will be located in the Shannon ABC laboratories at Munster Technological University, Tralee. Regular visits to industrial partner will be required.

**Citizenship Requirement:** Candidates should note that eligibility to compete for posts is open to citizens of the European Economic Area (EEA) or to non-EEA nationals with a valid work permit. The EEA consists of the Member States of the European Union, United Kingdom along with Iceland, Liechtenstein and Norway. Swiss citizens under EU agreements may also apply.

It is an offence under the Employment Permits Acts 2003 and 2006 for both an employer and an employee if a non-EEA National is in employment without an appropriate employment permit. Employment permit holders can only work for the employer named on the permit.

**Informal Enquiries:** Informal enquiries **ONLY** by email, quoting job reference title, to Dr Joanna Tierney; [Joanna.Tierney@mtu.ie](mailto:Joanna.Tierney@mtu.ie)

Latest date for receipt of completed application forms:

**1.00pm on Wednesday, 4<sup>th</sup> December 2024**

Applications received after this closing date will not be accepted.

*The Human Resources Office, Munster Technological University, Tralee, Co Kerry*  
Telephone: +353 66 714 5613

Web Site: [www.mtu.ie](http://www.mtu.ie) Email: [humanresourceskerry@mtu.ie](mailto:humanresourceskerry@mtu.ie)

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