

## RESEARCH ASSISTANT – Biotechnology

Shannon Applied Biotechnology Centre (Shannon ABC) is a research centre that is a collaboration between the Institute of Technology, Tralee and Limerick Institute of Technology and is funded as a Technology Gateway by Enterprise Ireland. Shannon ABC at The Institute of Technology, Tralee have significant expertise in biotechnology and cell culture and have more recently established a cosmetics product validation service for the Irish cosmetic industry, based on skin probe testing.

Applications are invited for a Research Assistant to deliver a range of industry related projects at Shannon ABC. These projects are mainly related to:

1. Biotechnology
  - a. Use of biotechnology to benefit biopharma, marine, food applications
2. Cell culture
  - a. Impact of bioactives on a range of mammalian cell models
3. Cosmetics product validation
  - a. Validation of cosmetic product efficacy via skin probe testing

The post holder, supported by the Shannon ABC team, will be responsible for design and execution of biotechnology and cell culture based projects, recruitment of volunteer panel for skin probe testing and proactive delivery of projects. As the research is commercially led, the successful applicant will be a proactive individual who possesses the ability to work independently and within a team to achieve results in a timely manner. Knowledge of current techniques employed in biological extract characterisation is desired. The Research Assistant will also contribute to other projects within Shannon ABC. The post is initially offered on a 1 year basis with potential for extension.

### Minimum Qualifications

Applicants must hold a minimum of an MSc degree in a biological science discipline or related science field.

Requirements:

Essential:

- Minimum of MSc in a biological science discipline
- At least 2 years' experience in academia or industry
- Aseptic mammalian cell culture
- Excellent demonstrated interpersonal skills

Desirable:

- Comfortable interfacing with the public, the cosmetic industry and medical professionals
- Strong biotechnology capability
- Knowledge of data analytics, statistical packages and presentation techniques
- High self-motivation with excellent written and verbal communication skills
- Knowledge of ethics in the context of working with human volunteers
- Experience in biological extract preparation
- Cellular bioassay development
- Report writing experience.

**Job Duties and Responsibilities**

- Work under the direction of the group leader
- Plan and coordinate cosmetic validation studies
- Plan and coordinate biotechnology and cell culture studies
- Perform skin analysis on human volunteers using non-invasive skin probe measuring equipment
- Positive and active engagement with volunteers, dermatologist and industrial cosmetic partners
- Prepare data analytics and study reports
- Work with other team members as directed by the group lead
- Contribute to proper upkeep of the laboratory.



## Salary

This post is available on a fixed term basis for a period of 1 year.

A salary scale will apply to this position, starting at €26,850 up to a maximum of €33,323 dependent upon experience.

## Application Procedure

All applications must be made online at [www.ittralee.ie](http://www.ittralee.ie)

## Location

This post is based at Shannon ABC laboratories in the Institute of Technology, Tralee. However occasional visits will be essential to collaborate with industrial and academic partners.

## Informal Enquiries

Informal enquiries ONLY by email to Dr. Tim Yeomans, [tim.yeomans@Staff.ittralee.ie](mailto:tim.yeomans@Staff.ittralee.ie)

**Closing date for applications is 12.00 noon on Wednesday 6<sup>th</sup> February 2019**

**Applications received after the closing date will not be accepted**