

Post-Doctorate Research Scientist – Bio-Organic Chemistry

Shannon Applied Biotechnology Centre (Shannon ABC) is an industry focussed research centre based on collaboration between the Institute of Technology, Tralee and Limerick Institute of Technology and is funded through the Technology Gateway Program, Enterprise Ireland. The centre combines strengths in areas including natural product discovery, bioactive screening, nutraceuticals and bioprocessing. The centre partners with biotech, food and life science industries to address their scientific challenges through the development and transfer of new processes and novel products from bio-resources.

Shannon ABC is currently seeking to recruit a Post-Doctorate Research Scientist to characterise and develop naturally-derived organic compounds for anti-parasitic activity.

Minimum Qualifications

Applicants should hold a doctorate degree in chemistry (analytical/biochemistry/organic) or relevant scientific discipline.

Candidates must demonstrate the following:

- Sound knowledge and practice in laboratory methods for purification and structure elucidation of organic compounds.
- Knowledge of biochemistry underlying anti-parasite (protozoan) activity.
- High self-motivation, collaborative and pro-active character.

The following skills would be desirable:

- Awareness of technology transfer from laboratory to market place.
- Ability to initiate, lead and manage a research project.

Job Duties and Responsibilities

- Lead and manage the research project under Project Leader direction.
- Operation of lab equipment for biological extract characterisation.



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- Scale-up of organic compounds.
- Studying biochemical interactions underpinning anti-parasitic activity.
- Validation of activity at laboratory level followed by translation to field trial setting.
- Create project documentation and reports, maintain lab books.
- Work with other team members, including postgraduates and researchers.
- Such other duties as may be assigned from time to time.

Salary

This post is available on a fixed term basis for a period of 15 months.

A salary in the range of €35,448 – €41,181 per annum will apply to this post, dependent on qualifications and experience.

Application Procedure

All applications must be made online at 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 by email to Dr. Joanna Tierney; Joanna.tierney@staff.ittralee.ie

Closing date for applications is 12.00 noon on Thursday 22nd June, 2017.

Applications received after the closing date will not be accepted.

Successful applicant expected to commence employment within one month.

