

Post-Doctorate Research Scientist – Biochemist

Shannon Applied Biotechnology Centre (Shannon ABC) is an industry focussed research centre funded through Enterprise Ireland's Technology Gateway Programme. Shannon ABC is a collaboration between the Institute of Technology, Tralee and Limerick Institute of Technology. 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 for an exciting role in a vibrant innovative team, which is developing natural ingredients derived from seaweed, targeted at pre-diabetic consumers. The role will involve close collaboration with an industrial R&D team which will provide exposure to gain new skills in innovation management and knowledge transfer.

Minimum Qualifications

Applicants must hold a doctorate degree in biochemistry/molecular biology/analytical chemistry or relevant scientific discipline. Candidates must demonstrate the following:

- Strong understanding of carbohydrate and/or polyphenol chemistry.
- Knowledge of separation and compositional analysis techniques of complex carbohydrates and/or polyphenols.
- Experience of using analytical platforms, including HPLC-PAD/DAD/RI, spectrophotometric assays, preparative size exclusion and ion-exchange column chromatography and ultrafiltration.
- Experience in performing anti-oxidant assays, enzyme assays and in performing enzyme inhibition studies including calculation of IC50 values.
- Ability to scientifically lead and manage a research project.
- Excellent written, verbal communication, presentation and organisational skills, with attention to details.

The following skills would be desirable:

- Minimum 2 years' work experience in either research or industry.
- Be of strong collaborative and pro-active character with an entrepreneurial spirit.

Job Duties and Responsibilities

- Scientifically lead and manage project tasks under Principle Investigator direction.
- Perform separation, compositional and bioactivity analysis for carbohydrate characterisation.
- Literature review, experimental design, statistical analysis, result reporting and presentation.
- 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 24 months. A salary of €35,488 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 partner.

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.