

Project Background:

The Pharmaceutical and Molecular Biotechnology Research Centre (PMBRC) was established in 2008, consolidating existing research in WIT in the pharmaceutical, biotechnology and biomedical sciences into one research centre. The PMBRC is one of 15 centres of excellence funded by the Enterprise Ireland Technology Gateway programme. The PMBRC has established strong links with the national pharmaceutical and healthcare sector and has secured funding of over 32m for industrial projects since 2008. In addition the centre is involved in a number of national and international initiatives with academic partners. The PMBRC won the Research and Development Achievement award at the 2017 Pharma Industry Awards. See the PMBRC website at <http://pmbrc.org>

As part of the Technology Gateway funding, the following position has become available in the PMBRC:

Job Title and Description: Technology Leader, Pre-Formulation/Formulation.

The recruited person will be responsible for the development of the PMBRC capabilities and the provision of solutions to industry partners in this technology area.

Funded by:

Enterprise Ireland Technology Gateway programme

Salary:

Depending on qualifications and experience and in accordance with the IUA Salary Guidelines for Researchers.

Commencement Date and Project Duration:

The selected candidate would be expected to commence as soon as possible but no later than March 2018. A two year contract will be offered initially, with the option to extend for a further two years subject to continued funding from Enterprise Ireland.

Minimum Qualifications/ Requirements:

- Primary degree in chemistry, pharmacy, analytical science, polymer science or a related discipline.
- 5 years' industry or academic (e.g. postgraduate) experience in in drug pre-formulation, formulation and manufacturing process development.
- Hands on experience in some of the following areas: tableting, granulation (dry or wet), liquid formulation, encapsulation, extrusion, pelletisation and coating.
- Experience and a demonstrated capability in the use of advanced analytical characterisation techniques and instrumentation such as solid-state NMR, PXRD, mDSC, DVS, nitrogen sorption, laser diffraction, AFM.
- The successful candidate will have the ability to apply their expertise to solve complex problems using the data generated from their projects.
- Good project management, communication, presentation and report writing skills are essential. The successful candidate will be comfortable working as part of a multidisciplinary research team and be able to work under pressure to meet project deadlines.
- Ability to work on their own initiative and as part of a wider team.

Desired Experience:

- Previous experience working in, or with, the pharmaceutical or medical device industries.
- Previous experience in the preparation of funding proposals.
- Previous experience in the supervision of research staff and/or students.

Major Duties:

- To visit or otherwise engage with potential client companies to develop collaborative research projects in the area of pre-formulation/formulation.
- To deliver technology solutions to industry partners in this technology area.
- To be responsible for the execution and management of collaborative industry projects.
- To develop the capabilities of the PMBRC in the area of pre-formulation and formulation. To research relevant literature and keep abreast of recent advances in the field.
- To report and present progress on a regular basis to the centre management team, industry partners and funding bodies.
- To prepare reports, publications, presentations, conference proceedings, invention disclosures and patents as appropriate.
- To prepare funding applications.
- To organise and participate in open days, conferences, demonstrations and other events designed to enhance the reputation and outreach of the PMBRC.
- To attend and represent the PMBRC Technology Gateway at roadshows, showcases and other promotional events.
- To maintain the PMBRC Technology Gateway promotional material including website, Twitter account, brochures, case studies, radio interviews and press releases.
- Such other duties, temporarily or on a continuing basis, as may reasonably be required commensurate with the position

Application Procedure:

To apply for this position please submit CV with accompanying letter via email to:

Ms. Ruth Hennebry, Human Resource Office, Waterford Institute of Technology, Cork Road, Waterford. Tel: 051-845519; E-mail: recruitment@wit.ie

Closing date for applications: 16:00 on Monday 29th January 2018

As more than one position may be open in the PMBRC at any given time, please ensure that you specify the exact vacancy that you are applying for.

At a minimum candidates must demonstrate in their application that they possess all of the essential elements applicable in the person specification. The Institute will then decide to interview only those applicants who appear from the information available, to be the most suitable, in terms of experience, qualifications and other requirements of the post. Please note applications will be acknowledged within five working days of the competition closing. Candidates should keep a hard copy of the advert for their file as this will be needed for review should their application progress.

This post is subject to Garda Vetting.

WIT is an equal opportunities employer.

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