

Job Title:

Postdoctoral Researcher (Ocular Drug Delivery), Pharmaceutical and Molecular Biotechnology Research Centre (PMBRC), Waterford Institute of Technology, Ireland

Project Title:

The use of molecularly imprinted polymers for ocular drug delivery.

Project Description:

The project will involve the development of molecularly imprinted polymers (MIPs) as a platform for controlled drug release to the eye. MIPs of a number of different target compounds will be synthesised and their drug release properties evaluated. The end goal is to develop drug eluting contact lenses which can be used to treat a variety of ocular diseases.

Funding by:

Enterprise Ireland, Applied Research Enhancement scheme

Minimum Qualifications Required:

The successful candidate will have a Ph.D. in chemistry, a good publication record and a strong background in polymer chemistry. Past experience in molecularly imprinting, the development of smart polymer technologies, or polymeric drug delivery is desirable. Experience in the development of ocular drug delivery formulations would be considered an advantage.

Good communication, presentation, report writing and project management skills are essential. The successful candidate will be comfortable working as part of a multidisciplinary research team.

Major Duties and Responsibilities:

- To lead and manage key research strands within the project.
- To research relevant literature and keep abreast of recent advances in the field.
- To conduct laboratory research at WIT and other collaborator sites to answer the specific research questions.
- To report findings on a regular basis to the research team for review purposes.
- To assist in the preparation of invention disclosures, patents and the commercialisation of research as appropriate.
- To disseminate research findings in publications and at national and international conferences where appropriate.
- To prepare progress reports for the funding body as required.
- To contribute to postgraduate supervision and training as required.
- Such other duties, temporarily or on a continuing basis, as may reasonably be required, commensurate with the position

Salary:

€ 48,984 per annum for 2 years

How To Apply:

Applicants must submit a loose leaf CV and covering letter, along with the names and contact details of two referees to:

Recruitment Section, Human Resources,

Waterford Institute of Technology,

Cork Road,

Waterford

Ireland

Tel: +353 (0) 51 845519

Or email to recruitment@wit.ie

Please specify the job title in your application. Further information on the PMBRC is available at <http://pmbrc.org>

Closing date for applications is 08 July 2011 at 17:00.

Candidates may be shortlisted for interview based on the information provided.