

Job Specification



Post 3 - Research Fellow Scientist

Contract Type	Self-Financed Contract up to August 2023
Location	<p>Limerick (this post is based in the Research, Development and Innovation function and SABC research laboratories at Limerick Institute of Technology)</p> <p>This post will be primarily be based at the location specified above, but from time to time and at the discretion of the Institute, hours of work may be allocated at any of the LIT campuses.</p>
Reporting to	Head of Research & Technology Transfer or such other person as he/she may delegate
Competition Type	Externally Confined.
Minimum Qualifications/Experience	<ul style="list-style-type: none">• Be an experienced researcher with ideally 5-7 years industry or academic experience;• Possess a PhD postgraduate qualification in a life science discipline• Demonstrate excellent practical experience in the area directly with an excellent knowledge of microbial extracellular polymer degradative systems;
Competencies Required	<ul style="list-style-type: none">• Possess a proven track record in securing research funding;• Possess a proven track record in managing and delivering research projects;• Have published peer reviewed publications in relevant scientific fields of biology biochemistry and molecular biology;• Have excellent knowledge of biological research methodologies;• Have excellent communication skills.
The Role	<p>Applications are invited for a Research fellow Scientist position to work on a Horizon 2020 EU funded research and innovation action project. The Bio Innovation of a Circular Economy for Plastics (BioICEP) is a pan European-Chinese collaboration formed to reduce the burden of plastic waste in the environment. Our approach is a triple-action depolymerisation system where plastic waste will be broken down in three consecutive processes: 1) mechano-biochemical disintegration processes to reduce the polymer molecular weight of the base polymer to make it amenable to biodegradation; 2) biocatalytic digestion with enzymes and enzyme systems including directed evolution; and 3) microbial consortia development leading to highly efficient degradation of mixed plastic waste streams. The outputs from this degradation process will be used as building blocks for new polymers or other bioproducts to enable a new plastic waste-based circular economy. You will work as part of a team involved in the research activities in LIT and with the consortium partners as part of the project. You will contribute directly to the project development and research activities. You will co-ordinate, manage and ensure delivery of on-going project deliverables on a day-to-day basis in order to ensure smooth running of this collaborative project.</p>
Duties	<p>The following are duties;</p> <ul style="list-style-type: none">• Contribute to the achievement of technical targets of the project;• Manage the project budget and prepare financial reports;• Develop and manage and deliver the project deliverables;• Coordinate day to day operational management of the project including devising innovative research tasks and solutions, attracting research funding, supervising post-graduate researchers writing scientific publications, patent applications, collaborating with the coordinator and project partners;• Provide detailed reports on activities and plans as required;• Perform other such appropriate duties as may be assigned from time to time.
Incentivised Scheme for Early Retirement (ISER);	<p>It is a condition of the Incentivised Scheme for Early Retirement (ISER) as set out in Department of Finance Circular 12/09 that retirees, under that Scheme, are debarred from applying for another position in the same employment or the same sector. Therefore, such retirees may not apply for this position.</p>

Hours	39 hours per week
Annual Leave	22 days per annum. CL 0009/2014 will apply.
Garda Vetting	Following the commencement of the National Vetting Bureau (Children and Vulnerable Persons) Acts 2012 to 2016, Garda Vetting will be required in advance of commencing this position
Salary	A salary of €54,717 will apply to this post. The rate of remuneration may be adjusted from time to time in line with Government pay policy.
Closing Date	Latest date for receipt of completed application form is <u>12 noon on Wednesday 01 April 2020</u> Application forms received after 12.00 noon on the closing date will not be considered. The Institute regrets that it cannot pay expenses for candidates attending for interview
Contact Details	<p>The Human Resources Office Limerick Institute of Technology Moylish Park Limerick</p> <p>Telephone +353 61 293849 Web Site: http://www.lit.ie/human-resources Email: humanresources@lit.ie</p> <p>Limerick Institute of Technology is an equal opportunities employer, working towards creating and sustaining an inclusive environment which promotes equality, embraces diversity and is committed to family friendly policies for all.</p>
Informal Enquiries	Informal enquires ONLY may be addressed to patrick.murray@lit.ie
Personal Data	All personal data provided will be handled in accordance with the LIT Data Protection Policy and Privacy Statements available at http://lit.ie/InformationCompliance/Data.aspx

