

FELLOWSHIP OPPORTUNITIES WITH A LEADING SCIENCE FOUNDATION IRELAND PHARMACEUTICAL RESEARCH CENTRE

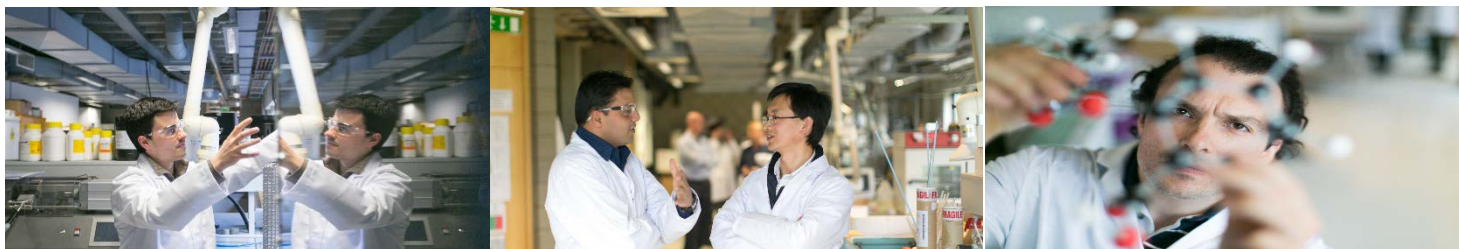


Marie Skłodowska-Curie
Actions

Actively seeking excellent candidates
for Marie Skłodowska Curie Incoming Fellowship
applications



Synthesis & Solid State Pharmaceutical Centre (SSPC)



The SSPC is looking to host experienced researchers via funding through Marie Skłodowska-Curie Individual Fellowships. In order to secure funding, the experienced researcher must develop a proposal with the host Institute of his/her choice by September 12th 2018.

The SSPC aims to position Ireland as a Global Hub of Pharmaceutical Process Innovation and Advanced Manufacturing. It is a hub of Irish research expertise, comprising 8 HEIs (Research Performing Organizations) and 24 industry partners. Activities span the entire pharmaceutical production chain between API manufacturing and drug product formulation. SSPC has grown in research capacity and currently has >130 active researchers.

The research programme of the SSPC encompasses:

Molecules: Predictive asymmetric synthesis, design of hybrid drug molecules and *in vitro* cell culture models to predict toxicity and biological efficacy.

Materials: Crystalline drug substances using new approaches to screen multi-component materials; control of nucleation kinetics and impurities to enable combination drugs.

Medicines: Development, production and effective use of poorly soluble drug products and predictive formulation.

Manufacturing: Continuous manufacturing and integrated processing platforms.

Modelling: Quantum mechanical, molecular dynamics, computational fluid dynamics & mathematical modelling provide predictive models to guide the full research program.

Researcher Requirements

The researcher must fulfil the MSCA-IF mobility and experienced researcher requirements.¹ We are seeking excellent postdoctoral candidates in chemical engineering, physical chemistry, biochemical engineering, Industrial chemistry, pharmacology/therapeutics, physics (molecular & fluid dynamics, modelling) and related disciplines.

Please contact donal.killackey@ul.ie or any one of our Principal and Funded investigators



Ireland's European Structural and
Investment Funds Programmes
2014-2020
Co-funded by the Irish Government
and the European Union



European Union
European Regional
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Science
Foundation
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For what's next