

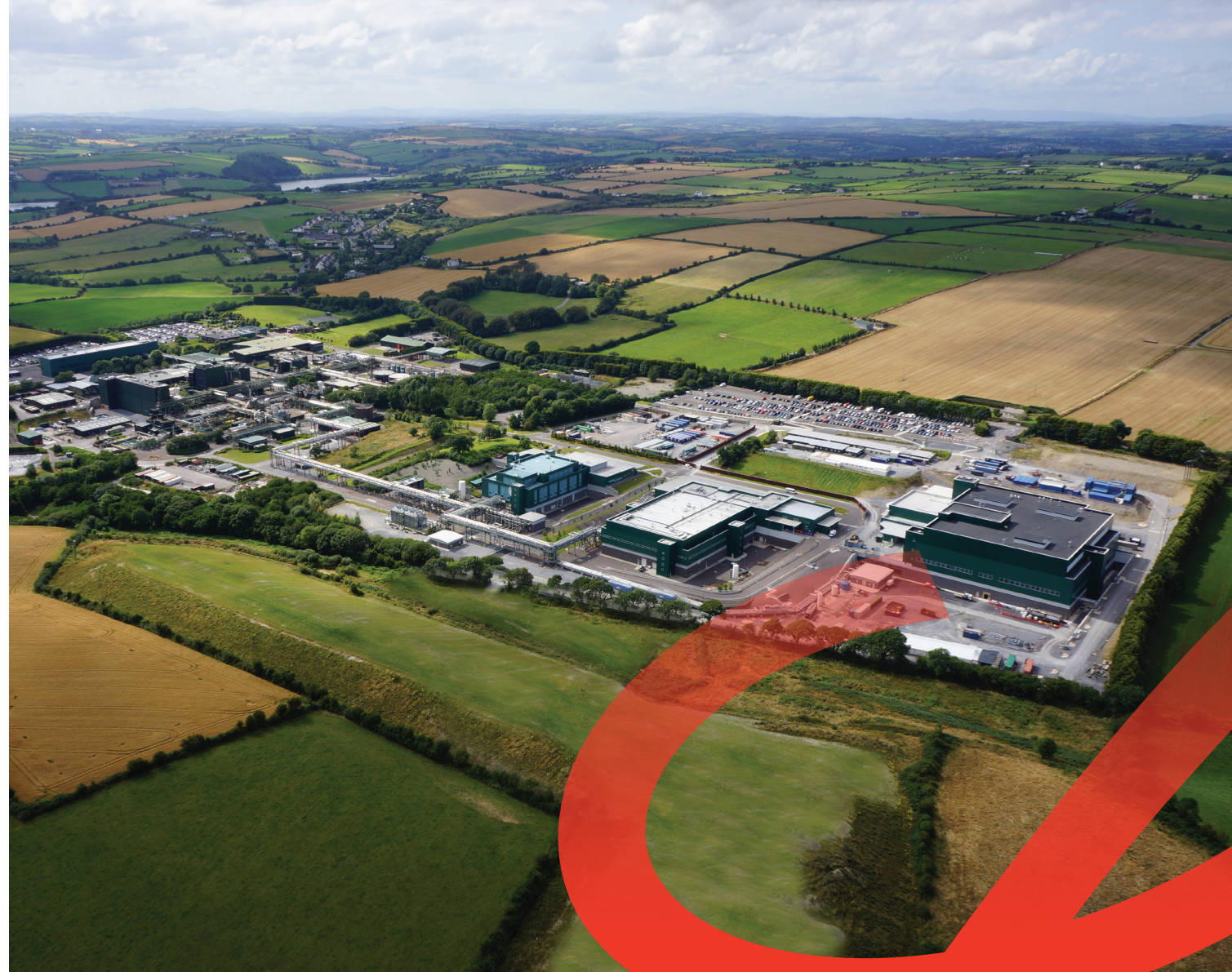
POSTGRADUATE PROFILE

CONOR HORGAN



Conor Horgan received a Research Scholarship from IRCSET (Irish Research Council for Science, Engineering and Technology) to pursue a PhD in Biochemistry in University College Cork. His PhD studies, which he completed in 2006, centred on the structural and functional characterisation of members of a novel family of endosomal proteins. He then carried out post-doctoral research in UCC in 2011, securing independent Research Fellowship funding from the Irish Cancer Society, to complete a career development project on the identification and characterisation of potential therapeutic protein targets implicated in ovarian cancer metastasis. During his academic research career he published 20 research articles in international peer-reviewed scientific journals which, since 2010, have been cited more than 500 times. Much of his research work involved working collaboratively with other research groups; and during this time, he was also a part-time lecturer teaching biochemistry to undergraduate science and medicine students. In 2013, Conor departed academia to join Eli Lilly Kinsale as an Analytical Scientist in the biotech Technical Services/Manufacturing Science (TS/MS) group. In his current role, Conor provides oversight of the analytical technical agenda for the biotech TS/MS group, a function which drives process development work as well as supporting commercialisation activities and manufacturing operations.

On joining Lilly Kinsale, it was striking to see the diversity of roles that many colleagues onsite have had within the company. Lilly invests in its employees and nurtures their professional development through challenging and rewarding careers. It's a very inclusive working environment here, and it is great to work on technically challenging projects that are vital to delivering new medicines to patients.



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Lilly Kinsale

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CHEMISTRY
POSTGRADUATE
PROGRAMME

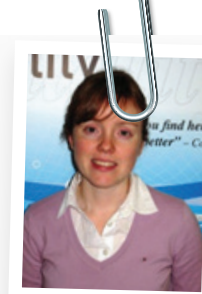


CHEMISTRY POSTGRADUATE PROGRAMME



POSTGRADUATE PROFILE

MARIE KISSANE



Marie Kissane graduated from University College Cork with a PhD in organic chemistry in 2009. Her PhD work focused on cycloadditions with 2-thio-3-chloroacrylamides. She then carried out postdoctoral work in University College Cork from 2009-2011 in collaboration with Eli Lilly Kinsale and Eli Lilly Indianapolis. She worked on a number of projects during this time, including the development of a Pd-catalysed decarboxylative cross-coupling reaction. This was followed by a 2 year assignment in the chemical product research and development group with Eli Lilly Indianapolis working on the development of another new product. In 2012 she joined Eli Lilly Kinsale as a process chemist supporting Small Molecule commercial production as well as the new product introduction team. Marie has undertaken further education while working with Lilly. In June 2014, Marie began a 2 year programme towards gaining the professional designation of Chartered Chemist in a collaborative effort between Eli Lilly Kinsale and the Royal Society of Chemistry.

In my role as a process chemist, I am responsible for ensuring that Active Pharmaceutical Intermediates (APIs) are manufactured to the highest quality standard in a safe manner. My role is very diverse, and the main skills required are communication, teamwork and flexibility. The most fulfilling aspects of my job are seeing a process which I have helped to develop in the lab on a milligram scale and then transferring the process to manufacturing at a scale of hundreds of kilograms. This is in addition to the knowledge that the medicines that we make are helping to improve the quality of life of people worldwide.

INTRODUCTION

Eli Lilly and Company is a leading, innovation-driven corporation committed to developing a growing portfolio of pharmaceutical products that help people live longer, healthier and more active lives.

Lilly medicines treat depression, schizophrenia, attention-deficit hyperactivity disorder, diabetes, osteoporosis, cancer and many other illnesses. Lilly's Elanco division specialises in animal health.

Our products are marketed in 120 countries worldwide and we employ more than 41,000 people across the globe, including more than 1,000 in Ireland.

ELI LILLY KINSALE

The Kinsale manufacturing operations located in Dunderrow, close to the historic and scenic town of Kinsale, Co. Cork. Production commenced in Kinsale in 1981 and today over 600 people are employed at the site. Since the early days, the Kinsale site's primary focus has been manufacturing and supplying the company's medicines. This focus continues, but the mission has expanded significantly with the development of a centre of technical excellence, which allows Kinsale to participate earlier in the life-cycle of innovative new medicines. As a result, Kinsale is now engaged in four main business activities:

- Small Molecule Active Pharmaceutical Ingredient (API) Manufacture & Supply
- Small Molecule Commercialisation
- Biopharmaceutical Manufacture and Supply
- Biopharmaceutical Commercialisation

TAILORED POSTGRADUATE PROGRAMME

Lilly Kinsale offers Science postgraduates a tailored Postgraduate Programme, structured to ensure development of key competencies through a combination of hands-on experience and continued professional development (CPD). There is also a rotational aspect to the Programme by which postgraduates will be exposed to a number of different processes both in a laboratory and operational capacity. The Programme ensures a strong foundation in first principles as you map through different roles. Each postgraduate will be assigned a mentor who will support him / her through these crucial early years. The Postgraduate Programme, which is also structured to support participants continuing professional development, e.g. achieving Chartered status with the Royal Society of Chemistry (RSC), includes the following features:

- Technical development
- Professional development
- Networking
- Training and education

If you're an energetic, ambitious postgraduate, seeking a challenging, rewarding scientific career, as part of a global company determined to make life better, think about Lilly.

