

SSPC's Drug Product Formulation Workshop: Building on a Culture of Collaboration



The Synthesis and Solid State Pharmaceutical Centre (SSPC), funded by Science Foundation Ireland (SFI), was delighted to host more than 30 participants at a two-day drug product formulation workshop from some of our industry partners including Roche, Merck, APC Microbiome Institute, Alkermes, Pfizer, Janssen and Johnson & Johnson.

We strive to facilitate collaboration among all stakeholders in the SSPC including your research performing organisations, international academic collaborators and all of our industry partners. These workshops are successful because of the contributions and leadership from SSPC's strand leaders, who not only design the sessions, but also deliver a high-level of teaching to participants. The practical demonstrations were delivered by some of our post-doctoral students, as we at SSPC recognise and seek to nurture emerging and early scholars within our community. These workshops are not only beneficial to the development of pharmaceuticals themselves, but also work towards a mutual benefit to the pharmaceutical sector by facilitating industry-wide collaboration.

The SSPC's Strand 3 Drug Product Formulation and Manufacture: developing the dosage forms of the future is focussed on bringing stronger scientific and process engineering

principles and knowledge into the domain of Solid State Pharmaceutics, which up to now has essentially been empiric. This improved approach is demanded by the Quality by Design (QbD) knowledge-based approach to develop new products and formulations. This type of interaction enhances the skills of drug product formulation practitioners in ways that benefit participants within their own environments.

It is important to that we keep building on a culture of dynamic collaborations and are encouraged by the positive feedback we have received from participants:

'On behalf of my colleagues in Roche I would like to thank you very much for organising and presenting the various aspects of drug product formulation in UL over the last 2 days. We all very much enjoyed it and learnt a lot from the interactions and the excellent practical demonstrations provided.' **Ger Harnett, Roche Ireland.**

'The SSPC Drug Product Formulation course held Wednesday and Thursday this week was excellent. It was the correct amount and level of material for this type and duration of course. Thanks for organizing and inviting me to attend'. **Patrick Ruane, Automation Center of Excellence, J&J.**

One of our key aims at SSPC is to enable productive participation and strategic partnerships with all stakeholders. Success in this objective relies on key efforts made by academia and the pharmaceutical industry working together for the benefit of the patient.

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Notes to the Editor:

About the Synthesis and Solid State Pharmaceutical Centre (SSPC)

The Synthesis and Solid State Pharmaceutical Centre (SSPC) is a Global Hub of Pharmaceutical Process Innovation and Advanced Manufacturing, funded by Science Foundation Ireland (SFI) through its Research Centres programme and the Pharmaceutical industry. It is a unique collaboration between 22 industry partners, 9 research performing organisations and 12 international academic collaborators. The SSPC comprises over 150 active researchers and has funding of over 40 Million Euro for 6 years from mid-2013. This large research collaboration has particular skills in active pharmaceutical ingredient (API) synthesis, purification and crystallization.