The Science Behind Spray Drying explained by iFormulate and the School of Chemical Engineering

SMi's 3rd annual Lyophilisation Europe conference takes place in under 4 weeks on the 29th & 30th June 2015 at the Holiday Inn Regents Park Hotel in London, UK.

Lyophilisation Europe

LONDON, ENGLAND, UNITED KINGDOM, June 3, 2015 /EINPresswire.com/ -- With just 4 weeks remaining until the highly anticipated return of the 3rd annual Lyophilisation Europe conference, this year's show will include an additional 2 interactive post conference workshops, taking place on July 1st. The morning workshop led by iformulate and the University of Leeds, will explore the science behind spray drying and formulation. This will be followed by the 2nd workshop, hosted by Arlenda on implementing QbD for scale up.

With the emergence of spray drying in the pharmaceutical sector and its likely evolution in the pharmaceutical manufacturing process, SMi spoke to market experts Jim Bullock, Director of iFormulate, and David York from the School of Chemical and Process Engineering, for a further insight into the benefits of spray drying.

When asked what aspects in particular make Lyophilisation a superior drying method over conventional methods? Jim Bullock said:

"Spray drying is primarily a method for particle engineering, it enables you to design the properties of your solid product. This can be by controlling particle shape or size, or by building an internal structure into each particle. In a way, for many types of product, the actual drying aspect is secondary – in fact if the only thing you want to do is to produce a dry product then you're unlikely to have spray drying at the top of your list".

David York commented:

"Good control over particle size and structure plus ability to deliver different morphologies from amorphous to crystalline phases by changing process conditions. Ability to produce well mixed formulated products as well as microencapsulated actives. Ability to tailor intrinsic densities and porosities for slow to rapid dissolution profiles"

To read the full interview and gain access to featured event content from GSK, Takeda, Novo Nordisk and Baxter Biosciences, visit the download centre

Other expert key speakers include:

• Yves Mayeresse, Director Primary and Secondary Expertise, GSK
• Patrick Garidel, Head of Pharmaceutical Basic Development, Boehringer-Ingelheim
• Eunice Costa, Process Development Engineer, Hovione
• Sune Klint Andersen, Principal Scientist, Novo Nordisk A/S
• Michael Dekner, Innovation Manager, Baxter Bioscience
• Edith Lecomte-Norrant, GPS Innovation & Technology & Sciences Director, UCB BioPharma

To see the full speaker line-up for 2015 visit the website at www.lyophilisationconference.com/EIN

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Further information and a brochure is available online at www.lyophilisationconference.com/EIN

Lyophilisation Europe
29th & 30th June 2015
Holiday Inn Regents Park Hotel, London UK
www.lyophilisationconference.com/EIN

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About SMi Group:
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sam mahoney
SMi Group Ltd
+442078276000
email us here
