

From: Timothy Rowland <pharma@smiconferences.co.uk>

To: Kester, Tonykester@aging.sc.gov

Date: 1/16/2017 5:30:58 AM

Subject: Agenda Released | Pharmaceutical Freeze Drying 2017

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### Pharmaceutical Freeze Drying Technology 2017

5th Annual Conference: 8th & 9th May

Interactive Workshops: 10th May

Copthorne Tara Hotel, London, UK

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Dear Mr Tony Kester,

SMi are delighted to announce that a brochure has been released for **Pharmaceutical Freeze Drying 2017!**

Robust capabilities in lyophilisation and freeze drying methods have become critical for process efficiency and commercial success whilst maintaining product quality and biological stability. Innovation and efficiency is requested at every level making **Pharmaceutical Freeze Drying Technology** the perfect platform to strengthen knowledge in key principles such as PAT and QbD, whilst staying at the forefront of technological breakthroughs to adapt to growing manufacturing demands.

Gathering a room of Senior Scientists and Heads of Pharmaceutical Engineering, the 5th annual show provides an ideal forum to discuss the latest advancements in pharmaceutical lyophilisation, welcoming regulatory guidance from the **NIBSC-MHRA** and expertise from the likes of **Sanofi, Boehringer Ingelheim, Roche, Novo Nordisk** and more!

Just take a look at the [new agenda for 2017](#) to see who you can hear from!

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**PLUS:** Don't forget to check out the two post conference [interactive workshops](#) taking place on **10th May**.

[Download brochure](#)

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#### FEATURED SPEAKERS:

- Bakul Bhatnagar, Senior Principal Scientist Bio Therapeutics R&D, **Pfizer**
- Sune Klint Andersen, Principal Scientist, **Novo Nordisk**
- Jean-René Authelin, Global Head of Pharmaceutical, Engineering, **Sanofi**
- Pierre Goldbach, Pharmaceutical Development and Supplies, **Roche**
- Paul Matejtschuk, Principle Scientist, **NIBSC - MHRA**
- Mahammad Ahmed, Associate Scientist II, **Medimmune**
- Patrick Garidel, Head of Pharmaceutical Basic Development, **Boehringer Ingelheim**
- Christoph Korpus, Laboratory Head, **Merck**
- Georg Frinke, Process Engineer Parenteral Production, **Bayer**

**WORKSHOP A | 08.30 – 13.00**

Getting the most out of DOE approaches during freeze drying development

**Led by:** Jason Gray, Director of Material Sciences, **Pharmaterials Ltd**; and Paul Matejtschuk, Principal Scientist, **NIBSC - MHRA**

**WORKSHOP B | 13:30 – 17.30**

Strategies to achieving process transfer in lyophilisation

**Led by:** Georg Frinke, Process Engineer Parenteral Production, **Bayer**

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**GET INVOLVED:**

For sponsorship enquires contact [Alia Malick](#) on +44 (0)20 7827 6168

For delegate enquires, contact [Ameenah Begum](#) on +44 (0)20 7827 6166

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