

Explore Future Methods of the Optimisation of Freeze Drying Cycles, this June

LONDON, UNITED KINGDOM, May 10, 2018 /EINPresswire.com/ -- The updated agenda for SMI's 6th annual conference on Pharmaceutical Freeze Drying Technology is available online. See which big pharma companies are attending and can hear from and who will be exploring what the future of pharma freeze drying holds.

This Week's Spotlight: Sanofi + Exclusive Panel Discussion

- Optimising Freeze Drying Cycles -

Freeze-drying involves three basic steps—freezing (solidification), primary drying (ice sublimation), and secondary drying (moisture desorption) - which can take several days to complete. A fundamental goal of freeze-drying is to

produce a well-dried product with elegant cake appearance, short reconstitution time, long shelf life, and complete recovery of activity on rehydration, among other requirements. Two major considerations for optimisation of a freeze-drying process are the stability of the drug product, during the process itself and during the storage period after the cycle is terminated. *Source: PharmTech

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Reduction of drying time – while it can be argued that continuous processing is not necessary for many freeze-dried products, there is still a need to reduce the drying time...”

[Chariman] - Janssen

Mostafa Nakach, Head of Pharmaceutical Engineering, Sanofi will be presenting a Keynote Presentation on: 'Optimisation of Industrial Freeze Drying Cycle.' - Day 1 | 11:00

Mostafa will look into the two "old" products of the 60's (called 'A and B') performed with historical cycles which exhibit aspects issues. The manufacturing of both products was intended to be carried out using a new and state of the art freeze dryer. Due to the age of the products, very few process, or physical chemistry data was available. Therefore, the manufacturing process was developed and optimized

based on product knowledge, new freeze dryer knowledge, simulation and process modelling.

The objective of the presentation is to share how the methodology was applied and to outline the concrete benefit for both products.



SMi Presents the 6th Annual Conference on...

Pharmaceutical Freeze Drying Technology

Holiday Inn Kensington Forum, London, UK

13 - 14 JUNE

www.pharmafreezedrying.com 

The poster features a blue-tinted image of a laboratory flask on a stand with a white substance inside, set against a dark background. A red banner at the bottom contains the website and logo.

- Future Directions of the Field -

Although an old process, pharmaceutical freeze drying is ever evolving with new trends and approaches being used for pharmaceutical formulation.

Hear from an exclusive panel of Big Pharma companies as they explore 'The Future of Novel Technology for Predicting Cycles Within the Lyophilisation Field.' - Day 2 | 15:20

Below is a summary of the panel discussion:

- The current novel technologies which have been recently introduced into the market
- The benefits of these technologies over existing technologies
- Barriers to entry into implementation e.g. regulations, pricing etc
- How can technologies be further developed?

Panelists:

- Paul Matejtschuk, Principal Scientist, NIBSC
- Sune Klint Andersen, Principal Scientist Spray Drying, Janssen
- Kevin Ward, Director of R&D, BioPharma Process Systems Ltd
- Mostafa Nakach, Head of Pharmaceutical Engineering Group, Sanofi-Aventis R&D

Download your copy of the [brochure](#)

Take a look at last year's attendee [list](#) to see who you could meet this June!

Further information and the complete brochure is available at: www.pharmafreezedrying.com/ein

SMi presents the 6th annual conference:

Pharmaceutical Freeze Drying Technology

Date: 13th – 14th June 2018

Workshops: 12th June 2018

Location: Holiday Inn Kensington Forum, London UK

Website: www.pharmafreezedrying.com/ein

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