

Achieving Controlled Nucleation During Aseptic Lyophilization

SMI Group Reports: The official agenda and highlights for the 4th annual lyophilization USA Conference

LONDON, UNITED KINGDOM, September 12, 2018 / EINPresswire.com/ -- Controlled nucleation is essential for obtaining high-quality lyophilized products with intra- and inter-batch consistency. Two approaches to achieving controlled nucleation have been investigated recently: creating a pressure differential and using an ice fog to insert seed crystals into the vials within the [lyophilization](#) chamber.

Morrissa Jones, Senior Scientist, Vaccine Drug Product Development Merck, who is speaking at the SMI's Groups' Lyophilization USA Conference she will be comparing and contrasting two methods of controlled nucleation from an industry perspective. The two-day event will explore the ever-growing need of informative and thought-provoking discussion, to address key industry issues. Lyophilization USA Conference will offer a jam-packed agenda with presentations from key industry leaders and up-and-coming thinkers, within the field.

This year's expert speaker line-up includes:

Other high-profile speakers include:

- Alina Alexeenko, Professor, Purdue University
- Timothy McCoy, Associate Director, Pharmaceutical Development Biologics, Sanofi
- Rui Fang, Senior Scientist, Merck
- Sushma Kommareddy, Associate Director, Formulation Development, Takeda
- Sampreeti Jena, Postdoctoral Associate, University of Minnesota
- Tom Robinson, Managing Director, Aerosol Therapeutics
- Fabrice Schlegel, Senior Engineer, Amgen
- Colin Campbell, Director, Process Development, Elusys Therapeutics
- Dena Flamm, Business Development Manager, Optima Machinery Corporation
- Alex Langford, Senior Associate Scientist, Pfizer Inc
- Bouya Tavousi, Postdoctoral Fellow, University of Connecticut
- Plus many more...

Also on the programme - two interactive pre-conference workshops, on November 14:



The banner features a central image of a vial with a blue smoke-like effect. To the right, the text reads 'Lyophilization USA' in large white letters. Below this, a blue box contains the dates 'NOV 15 - 16 2018' and 'New Jersey'. A red button with a play icon says 'View Agenda'. At the bottom, the website 'www.lyophilization-usa.com' and the hashtag '#lyousa' are displayed.

* Workshop A, morning session - Current and future [freeze-drying](#) technologies and methods. Hosted by Alexander Tambovzev and Dena Flamm of Optima Pharma and Tom Robinson of Aerosol Therapeutics

* Workshop B, afternoon session - NIPTE: insight into the fundamentals of freeze-drying / lyophilization. Hosted by Robin Bogner, University of Connecticut

Other highlights include, novel techniques, regulatory advances, updates on the latest technological advances, alternative freeze-drying methods and future opportunities

The latest conference brochure is now available to download on the event website, where you can also register online: <http://www.lyophilization-usa.com>. Book by Sept 28 and save \$100

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