

Exclusive Interview with Lyophilisation Development Scientist at Patheon Pharmaceuticals

Smi's Lyophilisation & Freeze Drying USA conference takes place on the 29th – 30th April 2015 at the Renaissance Woodbridge Hotel in Iselin, New Jersey, USA.

NEW JERSEY, ISELIN, USA, February 18, 2015 /EINPresswire.com/ -- [Lyophilisation & Freeze Drying USA](#) will strengthen knowledge of key issues in freeze drying as well as looking at lyophilisation as a whole to optimise process efficiency. Understanding the application of quality by design and the implementation of PAT will be a major focus, as will hearing about technological advancements and strategy from a selection of leading pharmaceutical organisations and industry KOLS.



Highlights of the [event](#) include an opening keynote address from Patheon Pharmaceuticals Lyophilisation Development Scientist, Ronald Pate. The talk entitled: Cycle development concepts and process optimisation, will review validation and increased stability of the protein as well as discuss lyophilisation formulations and batch consistency.

In an interview with Patheon Pharmaceuticals, Dr Pate, who has been involved with lyophilisation and freeze drying since 2000 said:

"I believe control of the only part of lyophilisation that is not currently controlled – "The Freeze Phase", will become routine through use of controlled nucleation...I also believe we will continue to see improvement in our ability to collect real time process data during lyophilisation. We should see continued improvement in technology that provides accurate real time measurement

of sublimation rates (water vapour flow), NIR measurement for the level of dryness, and wireless temperature product measurements."

When asked what attendees will take away from his talk he went on to comment:

"They should come away understanding the basic steps needed to develop a lyophilisation cycle. They will understand how to develop a design space to optimized and assure a robust lyo-cycle that provides good lyophile quality during scale-up to commercial size lyophilizers."

To read the full interview visit <http://www.smi-online.co.uk/goto/2015lyophilisationusa5.asp>

Other Key Speakers Include:

- Swapnil Pansare, Associate Scientist – I, Formulation Sciences, MedImmune
- Akhilesh Bhambhani, Principal Scientist, Novel Adjuvants, Formulations and Delivery Technologies, Merck & Co. Inc.
- Vikram Sadineni, Senior Research Investigator-II, Bristol-Myers Squibb
- Mark Yang, Director, Fill Finish Development, Genzyme
- Sune Andersen, Principal Scientist in Drying Processes and Particle, Technology in CMC, Novo Nordisk A/S, Denmark
- Graham Magill, Engineer I, Pharmaceutical Processing and Technology Development, Genentech Inc.

To see the full speaker line-up for 2015 visit <http://www.smi-online.co.uk/goto/2015lyophilisationusa5.asp>

Lyophilisation & Freeze Drying USA is sponsored by Ellab Inc, iQ Mobil, Millrock Technology, One 2 One Hospira and SP Scientific

For those who are interested in attending, there is currently a \$100 [discount](#) available which expires on 27th February.

For more information or to register visit <http://www.smi-online.co.uk/goto/2015lyophilisationusa5.asp>

Lyophilisation & Freeze Drying USA

29th – 30th April 2015

Renaissance Woodbridge Hotel, Iselin, New Jersey, USA.

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