

From: Bryan Gibson <pharma@smiconferences.co.uk>

To: Kester, Tonykester@aging.sc.gov

Date: 4/11/2016 8:39:09 AM

Subject: NIBSC Discuss Freeze-Drying Protein and Vaccine Formulations

National Institute for Biological Standards and Control (NIBSC) Discuss Freeze-Drying Protein and Vaccine Formulations at Lyophilisation Europe 2016!

SMi Presents the 4th Annual Event: Lyophilisation Europe
Conference: 4th - 5th July | Interactive Workshop: 6th July
Holiday Inn Kensington Forum, London, UK
www.lyophilisation-europe.com

£200 EARLYBIRD SAVING ENDS 29TH APRIL
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FEATURED SPEAKERS INCLUDE:

Sune Andersen
Principal Scientist Drying Processes,
Novo Nordisk A/S

Patrick Garidel
Head Of Pharmaceutical Basic
Development, **Boehringer Ingelheim**

Mostafa Nakach
Head Of Pharmaceutical Engineering
Group, **Sanofi-Aventis R&D**

Paul Matejtschuk
Principal Scientist, **NIBSC**

Andrea Weiland
Pharmacist, Ph.D. Managing Director
Expicat Pharma GmbH

Erwan Bourles
Freeze Dryer Scientist, **GSK**

Daniela Stranges
Senior Scientist, **GSK Vaccines**

[Click here](#) to see the full
speaker line-up

Dear Mr Tony Kester,

SMi Group are thrilled to have a keynote presentation from the NIBSC at [Lyophilisation Europe](#), when it returns to London this July for its 4th annual show.

The **National Institute for Biological Standards and Control (NIBSC)** plays a major national and international role in assuring the quality of biological medicines through developing standards and reference materials, product control testing and carrying out applied research.

Hear more from their Principle Scientist, **Dr Paul Matejtschuk**, in a presentation entitled: Freeze Drying Protein and Vaccine Formulations. The exclusive insight will delve further into formulation development approaches, the impact of formulation on a freeze drying cycle, and forced degradation to support long term storage.

Dr Paul Matejtschuk leads a team in the development of formulation and freeze drying processes. His most recent work has been in the biological application of thermal analysis, formulation and lyophilisation of biologicals, high throughput screening methods, application of Design of Experiments (DoE) and Process Analytical Technology (PAT) in freeze drying as well as the measurement of residual water and its impact on the stability of biologics.*

[Click here](#) for presentation details

REASONS TO ATTEND LYOPHILISATION EUROPE 2016:

- Control the impact of **process variables** and managing risk
- Ensure product quality and compliance through **regulatory guidance**

- Optimise spray drying process and formulation development for **complex dosage forms**
- Integrate risk-based approaches into **QbD principles**
- Hear cutting edge advancements on **PAT tools** to optimise parameters for **scale-up**

Recent bookings who have taken advantage of the **earlybird** include GSK, Optima Pharma GmbH, Fresenius Kabi Austria GmbH and GEA Process Engineering Ltd.

GET INVOLVED: £200 EARLYBIRD EXPIRES 29TH APRIL

Register online at: www.lyophilisation-europe.com

- For tailored sponsorship and exhibitor packages contact Alia Malick on +44 (0)20 7827 6168 or email amalick@smi-online.co.uk
- For delegate enquiries contact Fateja Begum on +44 (0)20 7827 6184 or email fbegum@smi-online.co.uk

We look forward to meeting you at what promises to be an engaging and thought provoking conference as part of SMI's Global Lyophilisation series for 2016.

Kind Regards,

The Lyophilisation Europe Team

OTHER EVENTS OF INTEREST:

Lyophilization USA

27 - 28 April 2016, Iselin, New Jersey, USA

<http://www.lyophilization-usa.com/P177EMSP3>

Register online at www.lyophilisation-europe.com

Source: <http://bit.ly/1WSooPW>

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