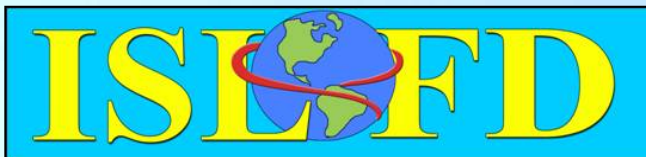


Morning Session*

- 7:30-8:30** **Registration, Breakfast, Set-Up**
- 8:30-8:45** **Jeff Schwegman, Ph.D.**
Kevin Tebrinke, P.E.
Welcoming Remarks, Chapter Update & Session Introduction
- 8:45-9:15** **Robin Bogner, Ph.D.**
Steve Nail, Ph.D.
A tribute to Dr. Michael Pikal, Ph.D.
- 9:15-10:00** **Robin Bogner, Ph.D.**
University of Connecticut
Insights into Slow Reconstitution of Lyophilized Protein Formulations and Practical Methods to Increase Reconstitution Rates
- 10:00-10:40** **Networking, Exhibits, Posters**
- 10:40-11:20** **Geoff Smith, Ph.D.**
De Montfort University
Through-Vial Impedance Spectroscopy (TVIS)
- 11:20-12:00** **Student/Post-Doc Presenter**
Seema Thakral, Ph.D.
University of Minnesota
Strategies for the development of lyophilized injection formulation for poorly water soluble drugs- case studies



International Society of Lyophilization
– Freeze Drying, Inc.

www.islyophilization.org

Midwest Chapter Annual Meeting April 12, 2018

Please Join Us!

Attendee: \$99

(Breakfast and Lunch are included)

Venue

Midwest Conference Center
401 West Lake Street
Northlake, IL 60164-2401

Suggested Hotel

DoubleTree O'Hare Airport - Rosemont
5460 North River Road
Rosemont, Illinois 60018
Tel: +1-847-292-9100

Register and get our negotiated ISL-FD
hotel rate on our website!

www.islyophilization.org

Afternoon Session*

12:00-1:30 **Lunch, Exhibits, Posters**

1:30- 2:10 **Alex Langford**
Pfizer

Development of Foam Drying and Application to Novel Modalities

2:10-2:50 **Lokesh Kumar**
Genentech

Developing an Optimized Controlled Ice Nucleation Lyophilization Cycle at Scale, Using Quality by Design Approach

2:50-3:30 **Maxwell Korang-Yeboah**
U.S. Food and Drug Administration
PAT in Lyophilization of Pharmaceuticals and Biotechnology Products: Going Beyond the Utilization of Thermocouples?

3:30-4:00 **Networking, Exhibits, Posters**

4:00-4:30 **Round Table Discussion**
All Speakers

This will be an excellent opportunity to learn more about the discussion topics, and get any questions you have answered by the experts!

4:30-4:45 **Jeff Schwegman, Ph.D.**

Thomas Jennings Student Award
Closing Remarks & Audience Feedback



A Complete Lyo Event

Technical Presentations | Posters | Networking Opportunities | Vendor Exhibits

*Schedule Subject to Change

Photo by Mike