

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

8:45-9:25 **Prof. Raj Suryanarayanan, Ph.D.**

University of Minnesota

Implications of excipient phase behavior on protein stability

9:25-9:55 **Melani Solomon, Ph.D.**

Astra Zeneca

Bulk Drying: A New Spin On An Old Tale

9:55-10:45 **Networking, Exhibits, Posters**

10:45-11:15 **Eyal Barash, JD**

Barash Law LLC

Getting Patents on Solid-State Pharmaceuticals Including From Amorphous Drug Products- Challenges and Opportunities

11:15-11:45 **Jay Srinivasan, Ph.D.**

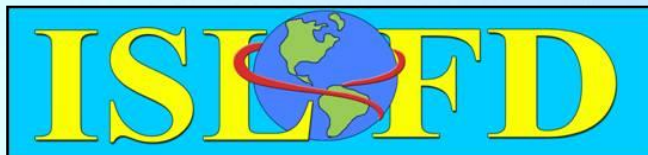
Simtra BPS

Stability Evaluation of Lyophilized Antibody-Drug Conjugate (ADC) Formulations using the Solid-State Hydrogen Deuterium Exchange (ssHDX)

11:45-12:00 **Kyu Yoon, Ph.D.**

Purdue University

Equilibrium Moisture Content Prediction in Freeze-Dried Sugar/Protein Mixture



International Society of Lyophilization
– Freeze Drying, Inc.

www.islyophilization.org

Midwest Chapter Annual Meeting April 18, 2024

Please Join Us!

Attendee: \$99

(Breakfast and Lunch are included)

Venue

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

Suggested Hotel

Double Tree 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- 2:00 **Fay Metsi-Guckel, Ph.D.**
Merck and Co, Inc.

Optimizing Lyophilization Primary Drying: A Vaccine Case Study With Experimental And Modeling Techniques

2:00-2:30 **Sherwin Shang, Ph.D.**
Abbvie

Computational Modeling For Lyophilization Process Development, Transfer, and Innovation

2:30-3:00 **Prof. Alina Alexeenko, Ph.D.**
Purdue University

Lyophilization/Aseptic Drying and Freeze-Thaw Technology Roadmap for the Pharma and Biotech Manufacturing

3:00-3:45 **Networking, Exhibits, Posters**

3:45-4:15 **Sedra Kahn**
Abbvie

Employing Kinetic Modeling to Assess Manufacturing Process Impacts on Pharmaceutical Drug Products

4:15-4:30 **Zixuan Zhen**
University of Connecticut

Impact of Lyoprotectants on Product Stability of Freeze-Dried mRNA Lipid Nanoparticles

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

Photo by Mike



*Schedule Subject to Change