



Midwest Chapter Annual Meeting – April 16, 2009

Morning Session*

Process Development and Technologies

- 8:00-9:00 Registration, Refreshments, & Exhibit Set-Up
- 9:00-9:15 **Robert Sever, Ph.D.**
Kevin Tebrinke, P.E.
Welcoming Remarks, Chapter Update & Morning Session Introduction
- 9:15-10:00 **Jinsong Liu, Ph.D.**
Abraxis Bioscience
Impact of freezing on lyophilization process optimization, scale-up, and product quality: case studies
- 10:00-10:30 **Robert Sever, Ph.D.**
Praxair
Solving the nucleation problem for lyophilization
- 10:30-11:00 Morning Break & Visit Exhibits**
- 11:00-11:30 **Wei Kuu, Ph.D.**
Baxter Healthcare
Freeze-drying cycle optimization facilitated by mathematical modeling and tunable diode laser absorption spectroscopy (TDLAS)
- 11:30-12:00 **Paul W. Coiteux**
SP Industries
Knowing the lyophilizer: a mechanical overview and new developments from laboratory to commercial scale lyophilizers

Afternoon Session*

Formulation Development and Products

- 1:30-1:45 **Jinsong Liu, Ph.D.**
Introduction to Session
- 1:45-2:30 **Jeff Schwegman, Ph.D.**
AB BioTechnologies
Rational formulation development for proteins and biologicals
- 2:30-3:00 **Lisa McChesney Harris, Ph.D.**
APP Pharmaceuticals
Regulatory aspect of lyophilized pharmaceutical products
- 3:00-3:30 Afternoon Break & Visit Exhibits**
- 3:30-4:00 **Chris Conlon / Howard Teeter**
Anteco Pharma
Fundamental Differences in Lyophilization of Nutritional vs. Pharmaceuticals
- 4:00-4:30 **Robert Sever, Ph.D.**
Closing Remarks & Audience Feedback.

12:00-1:30 Lunch Break

This time will allow for visits to the vendor exhibits and networking with fellow attendees

*Schedule Subject to Change