

PITTCON 2019 JAIMA SYMPOSIUM

Analytical Solutions for Biopharma & Biotherapeutics

[March 19, 2019 8:30-16:45 Pennsylvania Convention Center Philadelphia, PA]
Free Registration for all the PITTCON 2019 participants

Methods & Topics Presented

- ◆ Design of Stable Lyophilized Protein Formulations
- ◆ Development of Novel Processing Technology & PAT
- ◆ Thermal Analysis in Formulation Design & Process Optimization
- ◆ Microfluidic Modulation Spectroscopy (MMS)
- ◆ Analytical Chromatography
- ◆ Excitation-Emission Fluorescence (EEM)
- ◆ Ion Mobility-Mass Spectrometry
- ◆ High Throughput LC-MS for Metabolites Measurement
- ◆ nSMOL(nano-surface and molecular-orientation limited) Coupled with LC-MS/MS
- ◆ Cryo-EM

Speakers

- ◆ JOHN CARPENTER (Univ. of Colorado)
- ◆ KEN-ICHI IZUTSU (National Institute of Health Science)

Luncheon Seminar

12:00-13:10 Grand Ballroom salon I, Philadelphia Marriot Downtown

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Date: March 19, 2019 Place: Pennsylvania convention center, Philadelphia, PA

(I) Drying Technologies & Analytical Methods

Morning Session

08:30-08:35	Introductory Remarks		
08:35-09:10	Rational Design of Stable Lyophilized Protein Formulations : Mechanistic Insights and Key Analytical Methods	John Carpenter	Univ. of Colorado
09:10-09:45	Synergy Between Development of Novel Processing Technology and PAT : Opportunities and Challenges	Satoshi Ohtake	Pfizer Inc.
09:45-10:20	Application of Thermal Analysis in Formulation Design and Process Optimization of Freeze-Dried Pharmaceutical Products	Ken-ichi Izutsu	National Institute of Health Science
10:20-10:35	Recess		
10:35-11:10	Enhanced Protein Structural Characterization Using Microfluidic Modulation Spectroscopy (MMS)	Jeff Zonderman	RedshiftBio
11:10-11:45	Different Modes of Analytical Chromatography Techniques for the Characterization of Biomolecules	Atis Chakrabarti	Tosoh Bioscience LLC

Luncheon Seminar

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(II) Analytical Solutions

Afternoon Session

13:30-13:35	Introductory Remarks		
13:35-14:10	Bioprocess Prepared Medium Trending with Excitation-Emission Fluorescence (EEM)	John Bobiak ¹ , Alvin Togonon ² , Adam Gilmore ²	Bristol-Myers Squibb ¹ , HORIBA Instruments Inc. ²
14:10-14:45	Structural Analysis of the Multimers of Bovine Serum Albumin by Ion Mobility-Mass Spectrometry	Rebecca S Glaskin, Dawn M Stickle	Agilent Technologies
14:45-15:20	High-Throughput LC-MS Analysis for Cell Culture Metabolites	Ping Hu	Janssen R&D, LLC
15:20-15:35	Recess		
15:35-16:10	Fully Validated Bioanalysis of Monoclonal Antibodies Using Fab-Selective Proteolysis nSMOL Coupled with LC-MS/MS	Takashi Shimada, Noriko Iwamoto	Shimadzu Scientific Instruments
16:10-16:45	Cryo-EM and Pharma	Jacob Brink	JEOL USA Inc.



**The Pittsburgh Conference
on Analytical Chemistry and
Applied Spectroscopy**

March 17-21, 2019

Pennsylvania Convention Center Philadelphia, PA, USA



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