



Society for Pharmaceutical Dissolution Science




DISSO America 2024
INTERNATIONAL
SYMPOSIUM

2nd International Symposium on Dissolution Science and Applications

Theme: Dissolution Science - Complex Drug Products
Day 1- Long Acting Injectables | Day 2- Complex Oral Drug Products

Venue



Rutgers, Ernest Mario School of Pharmacy, New Jersey, USA

Dates

11th & 12th June, 2024 (Tuesday & Wednesday)

Timings

9 am to 6 pm (EST)

Speakers



Welcome address

Dr. Vinod P. Shah, President, SPDS US Chapter



SPDS and SPDS-US Chapter – Strategies and the Way Forward

Dr. B. Suresh, Pro-Chancellor, JSS Academy of Higher Education



Biorelevant, Bioindicative and Biopredictive Dissolution: Current Perspectives and Future Challenges

Prof. Dr. Patrick Sinko, Immediate Past President, AAPS



Long Acting Injectables: Opportunities and Challenges in Product Development

Dr. Sujata Sonti, GSK



Development of Biorelevant In Vitro Models for the Prediction of Subcutaneous Drug Release and Absorption – What are the Challenges and Where are We?

Prof. Dr. Sandra Klein, University of Greifswald



Computational Biopharmaceutics: Exploring the Drug Delivery Lifecycle of Complex Injectables

Prof. Dr. Matthias G Wacker, National University of Singapore



Bio-Predictive, Accelerated Release Testing of Single Agent and Combination LAIs

Dr. Kruthika Harish Jain, Gilead



The Next Frontier in Pharma: AI and Robotics-Driven Drug Formulation

Prof. Dr. Christine Allen, University of Toronto



Real-time Release and Accelerated Dissolution of an Implant

Dr. Maureen Marsales and Dr. Hyunho Kang, Merck



In Vitro Release Testing for Liposomal Formulations: Challenges and Key Considerations

Prof. Dr. Nikoletta Fotaki, University of Bath



Prolonged Release Single Dose Antimalarial Injection of an ACT Combination

Prof. Dr. Padma V. Devarajan, Institute of Chemical Technology



In Vitro Release Test for Complex Drug Products: Thinking Outside the Box

Dr. Xiaoming Xu, FDA

Speakers



Roles of In-Vitro Tools for Elucidating Product Performance of Complex Oral Drug Products and their Relationship with Dissolution Testing

Dr. Ju Tzuchi, AbbVie



Developing SNEDDS for Improving Peptide Oral Delivery

Prof. Dr. Anette Mullertz, University of Copenhagen



Innovative Soft gel Technologies for Modulated Drug Release and Overcoming Challenges in Dissolution Method Development

Dr. Karunakar (Karu) Sukuru, Catalent



Annealing Effects on Dissolution of Oral Lipid Multi-particulates for Controlled Release

Dr. Mika Mast, Lonza



Non-Sink Dissolution Conditions for Predicting Product Quality

Dr. Andre Hermans, Merck



Elucidating Product Performance of Erosion-Based Dosage Forms through Assessment of Excipient- Functionality in a Non-Sink Environment and Evolution of 3-Dimensional Structure

Dr. Ricardo Sosa, AbbVie



Crystallization Inhibitors in ASD and Supersaturated Systems

Dr. Sandip Tiwari, BASF



Complex Oral Formulations and Dissolution Testing: FDA's Regulatory Perspective

Dr. Payal Agarwal, FDA



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Local Organizing Committee

Organizing Secretary: **Dr. Sandip Tiwari**

Vice President, AAiPS & Head of Technical Services, BASF, NA

Members: **Dr. Patrick Sinko**

AAPS Past President & Distinguished Professor of Pharmaceutics
at Rutgers University

Dr. Sanjay Kumar Jain

Chief Quality Officer, Amneal Pharmaceuticals

Dr. Santhanakrishnan Srinivasan

Founder and Co-Chief Executive Officer, DifGen Pharmaceuticals

Mr. Sanjaykumar Patel

Sr. Principal Scientist, Merck

Scientific Advisory Committee

Dr. Vinod P. Shah

Pharmaceutical consultant, USA

Dr. Sandip Tiwari

Vice President AAiPS & Head of Technical services, BASF, NA

Mr. Sanjaykumar Patel

Principal Scientist at Merck & Co., Inc. in Rahway, NJ.

Dr. Xujin Lu

Pharmaceutical consultant, USA

Dr. James Polli

Professor of Pharmaceutical Sciences and Ralph F. Shangraw/Noxell
Endowed Professor in Industrial Pharmacy and Pharmaceutics at U of
Maryland

Dr. David Sperry

Sr. Research Advisor in Small Molecule Drug Development at Lilly Research
Laboratories

Dr. Deanna Mudie

Senior Principal Scientist in Physiologically Based Pharmacokinetics (PBPK)
Simulation Technologies at Simulations Plus, Inc

Mr. Patrick Ballmer

Vice President and Deputy of the CEO of the Aesch, BL, Switzerland
headquartered SOTAX Group

Dr. Munira Momin

Professor and Principal, SVKM's Dr. Bhanuben Nanavati College of Pharmacy,
Mumbai, India

Mr. Vivek Shah

R&D Lab Manager at SOTAX Pharma Services

Mr. Samir Hadouchi

Managing Director at SOTAX Pharma Services SOTAX Group Orléans,
Centre-Val de Loire, France

Dr. Navnit Shah

Amneal Pharmaceuticals



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Exhibition Committee

Mr. Ajay Pydh

Sotax, Product Lead Software and Data Management

Mr. Jerome Morris

Sotax, Technical Sales Director, USA

For more information contact

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Predictive Dissolution Testing