



12th Annual International Symposium on Dissolution Science and Applications

Theme - Importance of Dissolution Science and Technology
in Drug Development and Quality Assurance

Venue

Institute of Pharmacy, Nirma University, S G Highway,
Ahmedabad – 382481, Gujarat, India

Dates

28th & 29th June, 2024 (Friday & Saturday)

Timings

9.00 hrs – 18.00 hrs (IST)



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Speakers



Welcome Address

Dr Tina Morris, CEO, AAPS, USA



Keynote speaker

Defining the Future of Pharmaceutical Sciences – Relevance and Credibility

Dr Gopi Shankar, President, American Association of Pharmaceutical Scientists (AAPS) Biotechnology R&D Executive Bala-Cynwyd, Pennsylvania, United States



Plenary Speaker

Dissolution Science – Past, Present and Future.

Dr Vinod P Shah, Ex USFDA and Pharmaceutical Consultant, USA



Dissolution-hollow fiber membrane (D-HFM) system to anticipate biopharmaceutics risk of tablets and capsules

Dr James Polli, Professor and Ralph F. Shangraw/Noxell Endowed Chair in Industrial Pharmacy and Pharmaceutics, University of Maryland, School of Pharmacy, Baltimore, US



In Vivo Predictive Dissolution Testing for Oral Dosage Forms: Points to Consider

Dr Nikoletta Fotaki, Professor of Biopharmaceutics, Centre for Therapeutic Innovation, Life Sciences Dept, University of Bath, Bath, England, United Kingdom



Injectable Drug Products: Deciphering Release Patterns and Biopharmaceutics

Dr Matthias G. Wacker, Associate professor and Pharmacist, Dept of pharmacy, National University of Singapore



AI image analysis and simulation to characterize dissolution of suspended systems in the USP 4 flow-through apparatus- focus on viscous effects.

Dr Deirdre D'Arcy, Associate Professor in Pharmacy and Pharmaceutical Technology, Pharmacist at Trinity College, Dublin, Ireland



Exploring Advances in Data Integrity to improve Patients and Authorities confidence

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



TIM – Innovative Dissolution for Innovative Oral Formulations

Dr Susann Bellmann, Chief Technology Officer at InnoGI Technologies, Netherlands



Microdialysis: A valuable tool in characterization of complex parenterals and ophthalmics

Dr Mukesh Kumar, Founder Director at Ortiv-Q3 Research Pvt. Ltd. Ahmedabad, Gujarat, India



Non-compendial Dissolution Methods: Hydrodynamics and Dissolution Results in the Reduced Volume Paddle Apparatus

Dr Mark Liddell, Ph.D. Senior Manager Dosage Form Performance Laboratory USP, MD, USA



Advancements in Solubilization Techniques for Enhanced Dissolution

Dr Rajkiran Narkhede, Technical Services- BASF Pharma Solutions, South Asia



Importance of right discriminatory dissolution test for ensuring drug product performance – Bridging Science with recent regulatory expectations

Dr G Kesavan, Senior Vice President – Analytical Research and Development, Zydus Lifesciences , Ahmedabad



Use of PBPK modelling and In-vitro Dissolution Tools in Generic Drug Development

Dr Aditya Murthy, Team Lead, Biopharmaceutics, Dr Reddy's Laboratories Ltd., Hyderabad



Using Biorelevant Media for the Development of Oral Drug Products: Tips and Recommendations

Dr Mathew Leigh, Co-Founder & Technical Director, Biorelevant, UK



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Society for Pharmaceutical Dissolution Science

Society for Pharmaceutical Dissolution Science (SPDS) was formed on 16th July 2012 in Mumbai with the objective of promoting the science and technological development in the field of dissolution science among pharmaceutical professionals, academia, students, regulatory bodies, etc. SPDS is the only professional body dedicated to dissolution science and its applications worldwide.

SPDS is incorporated as a charitable trust (not for profit) under regd. no. Maharashtra State, Mumbai 1487/2012 GBBSD Dated 16th July 2012

SPDS Office Bearers

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Co-Chairperson	: Dr. Vinod P. Shah Ex USFDA and Pharmaceutical Consultant, USA
Core Members	: Dr. Jigar Shah Assistant Professor, Institute of Pharmacy, Nirma University

Vision: To be as one of the most prominent professional bodies focusing on Dissolution Science among the Pharmaceutical Industry and Academia.

Mission: To dissipate the science & advancement which is rapidly taking place in the field of dissolution related to clinical application and methods.

: Dr. Dhaivat C Parikh

Assistant Professor, Institute of Pharmacy, Nirma University

: Dr. Mohit Shah

Assistant Professor, Institute of Pharmacy, Nirma University

DRPI Committee

[Poster Session: First round of DRPI 2024 <https://drpi.spds.world>]

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SD Joag	: Pharmaceutical Consultant, Mumbai



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- **Industry Professionals** : 17000 INR + 18% GST as applicable
- **Academia: Faculty** : 8000 INR + 18% GST as applicable
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- : SERVICE DESK :-

Jyoti Chandana

E: Jyoti@bluetech-media.com
M: +91 79773 34099

Ashish Chauhan

E : ashish.chauhan@bluetech-media.com
M : +91-77188 43607

Sunil Dubey

E: Sunil.Dubey@sotax.com
M: +91 93203 38825

• Registered Address •

Society for Pharmaceutical Dissolution Science,
Scitech Centre, 7, Prabhat Nagar, Jogeshwari West, Mumbai - 400102, Maharashtra, India.

• Working Office Address •

Anupam Annapolis,
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