



Revised Schedule

Updated November 19, 2024

Tuesday, November 19, 2024

5:00 – 7:00 p.m. **Registration** **Grand Ballroom Foyer**

6:00 – 7:30 p.m. **Welcome Reception** **Colony Clubhouse and Grill Roof Terrace**

Wednesday, November 20, 2024

7:30 a.m. **Registration and Welcome Coffee** **Grand Ballroom Foyer**

9:00 a.m. **Welcome Address & Introduction** **Grand Ballroom**
Richard N. Dalby, Ph.D.,
Professor, School of Pharmacy
University of Maryland, Baltimore, Maryland USA.

9:15–11:30 a.m. **SESSION 1: Bench to Bedside:** **Grand Ballroom**
Targeting Treatments for Global Access
Moderator: Joanne Peart, Ph.D.

9:15 a.m. *Inhaled Oxytocin: Addressing Challenges in Maternity Care in Low- and Middle-Income Countries*
Pete Lambert, M.Phil. and Jacob Harker, B.Sc.,
Monash University, Melbourne, Australia

10:00 a.m. **POSTERS & EXHIBITION**
Light Refreshments Served
Posters & Exhibit Tables will be available for viewing between 10:00 a.m. and 6:00 p.m.

10:30 a.m. *Practical Strategies to Improve Asthma Control in Resource Limited Settings*
Mohamed EA Abdelrahim, Ph.D., Beni-Suef University, Beni-Suef, Egypt

11:00 a.m. *Inhaled and Nasal Nano-formulations for Targeting Tuberculosis Therapy*
Rahul K. Verma, Ph.D., Institute of Nano Science & Technology, Mohali, India

Wednesday, November 20, 2024 (continued)

11:30 am – 2:00 p.m. **LUNCH, POSTERS AND EXHIBITION** **Grand Ballroom III**

2:00 – 5:30 p.m. **SESSION 2: Workshops** **Lobby Level**

2:00 p.m. Workshop Selection #1

3:15 p.m. Workshop Selection #2

4:30 p.m. Workshop Selection #3

The following companies will each sponsor 60-minute interactive presentations on new technologies and services related to nasal and pulmonary drug delivery. Meeting participants may select and attend **THREE** of these sessions, on their Registration Form.

Aptar Pharma

Pathways for Development of Low GWP Pressurized Metered Dose Inhalers

DH Industries

Low GWP Propellant Safe and Sustainable Filling Best Practices

H&T Presspart

The Future of Sustainable Inhalation Devices: MDIs and DPIs

Intertek

In-Vitro Only Bioequivalence Approach for Generic Nasal Suspensions:
The Challenge & the Opportunity

M2M Pharmaceuticals

Amorphous Content in a Drug Substance: Relevance for Inhaled Products,
Methods and their Validation

Proveris Scientific

Delivering Precision: Innovation and Best Practices in Inhaler and
Nasal Spray Testing

7:00 p.m. **Kerala Soirée, Cocktails & Dinner** **Bolgatty Palace and Island Resort**
Sponsored by Aptar Pharma

Thursday, November 21, 2024

7:30 a.m. **Registration and Welcome Coffee** **Grand Ballroom Foyer**

8:30 a.m. **POSTERS & EXHIBITION** **Grand Ballroom III**

Posters & Exhibit Tables will be available for viewing between 8:30 a.m. and 5:00 p.m.

8:30 a.m. **KEYNOTE ADDRESS (Rescheduled)** **Grand Ballroom**

Sponsored by Aptar Pharma
Introduced by Joanne Peart, Ph.D.

*A Global Warning for MDI Propellants:
Clinical, Regulatory & Economic Factors Driving the Transition*
John N. Pritchard, Ph.D.,
Inspiring Strategies, Leicester, United Kingdom

9:30 a.m.–12:00 p.m. **SESSION 3: Inhalation Innovation:** **Grand Ballroom**
Advanced Tools & Technologies
Moderator: Richard N. Dalby, Ph.D

9:30 a.m. *A Novel Air-Jet Dry Powder Insufflator for High-Efficiency Aerosol Delivery to Small Animals*
Mohammed A.M. Momin, Ph.D.,
Virginia Commonwealth University, Richmond, USA
(Delivered via Teleconference)

10:00 a.m. **POSTERS & EXHIBITION** **Grand Ballroom III**
Light Refreshments Served

10:30 a.m. *Exploring Inhalation Powder Blend Pre-actuation Microstructure: Properties, Processing and Performance using X-ray Computed Tomography*
Parmesh Gajjar, Ph.D., InformiX Pharma, Bury St Edmonds, United Kingdom

11:00 a.m. *FDA Product Specific Guidance: Alternative Bioequivalence Approaches for Orally Inhaled Drug Products*
Nuria Manzano, M.Sc.,
Nanopharm, An Aptar Pharma Company, Cwmbran, United Kingdom

11:30 a.m. *Leveraging Active Material Science Technologies to Mitigate Nitrosamine Risks in Pharmaceutical Products*
Badre E. Hammond, B.Sc., Aptar CSP Technologies, Auburn, USA

Thursday, November 21, 2024 (continued)

12:00 p.m. **LUNCH, POSTERS & EXHIBITION** **Grand Ballroom III**

2:00–5:00 p.m. **SESSION 4: MDIs in Transition
in a Global Marketplace** **Grand Ballroom**

Moderator: John N. Pritchard, Ph.D.

2:00 p.m. *Global Access and Patient Safety during the Transition to
Environmentally Friendly Inhalers*

Sundeep S. Salvi, M.D. Ph.D.,
Pulmocare Research and Education Foundation, Pune, India

2:30 p.m. *Navigating the Transition to Sustainable Medical Propellants:
A Supplier's Perspective*

Markus Laubscher, Ph.D., Orbia Fluor & Energy Materials (Koura), Chester,
United Kingdom and Ravindra Purohit, Ph.D., RN Pharma Consulting, Pune,
India

3:00 p.m. **POSTERS & EXHIBITION** **Grand Ballroom III**
Light Refreshments Served

3:30 p.m. *Development, Manufacture & Registration of Low GWP pMDIs
in a Quality by Design Era*

Loy Britto, Ph.D.,
Healthy Airways, Georgetown, USA

4:00 PM *A Regulatory Roadmap for the Transition to Low GWP pMDIs*

Richard Lostritto, Ph.D.,
Lostritto Consulting LLC, Maitland, Florida
(Delivered via Teleconference)

4:30 p.m. **Panel Discussion: MDIs in Transition in a Global Marketplace**

Chairman

John N. Pritchard, Ph.D.,
Inspiring Strategies, Leicester, United Kingdom

Panel Members

Loy Britto, Ph.D., Healthy Airways
Markus Lubscher, Ph.D., Orbia Fluor & Energy Materials (Koura)
Richard Lostritto, Ph.D., Lostritto Consulting
Ravindra Purohit, Ph.D., RN Pharma Consulting
Sundeep Salvi, M.D. Ph.D., Pulmocare Research and Education Foundation

End of RDD Asia 2024