

International Conference

Exploring the Future of Inhalation Drug Delivery

Parma, Italy, 8th-10th September 2026

Conference Schedule

TUESDAY September 8 th		
ACTIVITY		TIME
Registration Poster installation Exhibitor Setup		09:00 – 14:00
TUESDAY September 8 th		
SPEAKER	TITLE	TIME
Prof. Paolo Martelli (University Rector) Francesca Buttini (University of Parma)	Conference Opening: welcome and introduction	14:00 – 14:20
New Paradigms in Lung Delivery		
<i>Chairs: Ruggero Bettini & Joanne Peart</i>		
<i>Keynote Speaker:</i> Melanie Ott (Gladstone Institutes)	In the Air Around Us: Understanding and Outpacing Viral Threats	14:20 – 15:00
Vivek Lal (Alveolus Bio)	Inhaled Biotherapeutics: Creating First-in-Class Therapies for Chronic Respiratory Illnesses	15:00 – 15:25
Philip Kwok (University of Sydney)	Probiotic-bacteriophage aerosols for treating bacterial lung infections	15:25 – 15:50
COFFEE BREAK + POSTER SESSION		
<i>Chairs: Julie Suman & Francesca Buttini</i>		
Michael Goller (TranspireBio)	Expanding Inhalation Therapies beyond Asthma and COPD	16:30 – 16:55
Andrea Casazza (Chiesi Farmaceutici)	The Therapeutic Pipeline in Respiratory Diseases	16:55 – 17:20
Miles Kottman (Bespak)	Beyond the propellant: taking the next step in low carbon pMDIs	17:20 – 17:30
Lucas Silva (Aptar Pharma)	Breaking Barriers in Biologics Delivery: Advanced Nasal and Pulmonary Delivery of Large Proteins and Nucleic Acids	17:30 – 17:40
WELCOME RECEPTION (17:40 – 19:00)		

WEDNESDAY
September 9th

Aerosols for Lung Infections

Chairs: Irene Rossi

Sara Maloney (RTI International)	Formulation Strategies for Inhaled NTM Therapies	09:00 – 09:25
Mercedes Gonzalez-Juarrero (Colorado University)	Preclinical development of aerosol therapy for <i>M. abscessus</i> pulmonary disease	09:25 – 09:50
Verma (Institute of Nano Science and Technology Mohali)	Inhalable self-propelled Autonomous micro motors for Tuberculosis therapeutics	09:50 – 10:05
Anselm Ebert (H&T Presspart)	Navigating Inhalation Trends: Delivering Innovative, Sustainable Device Solutions	10:05 – 10:15

COFFEE BREAK + POSTER SESSION

Pressurised Metered Dose Inhalers at 70

Chairs: Paul Young & Geraldine Venthoye

John Pritchard (Inspiring Strategies)	Is the transition to lower global-warming propellants on schedule?	11:00 – 11:20
Sheryl Johnson (Orbia)	pMDI Formulation at 70: Unlocking HFA 152a for the Next Generation	11:20 – 11:30
Mark Boelens (Solstice)	Evolving Regulatory Landscape for the Adoption of Low Global Warming Potential (LGWP) Propellants	11:30 – 11:40
David Lewis (Oz-Uk Ltd)	From First Principles to Representative Performance: pMDIs in the Low-GWP Era	11:40 – 12:00
Stephen Stein (CGT Pharma Consulting)	Developing Suitable Suspension MDI Formulations in LGWP Propellants	12:00 – 12:20

ROUND TABLE
12:20 – 13:00

pMDIs at 70: What does the future hold?

David Lewis – John Pritchard – Nick Smalley (Kindeva) – Stephen Stein

LIGHT LUNCH + POSTER SESSION

Mucus-Penetrating Particles and RNA Delivery

Chairs: Ayca Yildiz Pekoz & Ben Forbes

<i>Keynote Speaker</i>		
Justin Hanes (Johns Hopkins University)	The Airway Mucus Barrier and How to Overcome it	14:15 – 14:55
Rémi Rosière (InhaTarget Therapeutics)	Lung Delivery of Nucleic Acid-Loaded Lipid Nanoparticles to Tackle High Unmet Needs in Respiratory Medicine	14:55 – 15:20
Koen Raemdonck (Ghent University)	Inhalable RNA formulations for pulmonary diseases	15:20 – 15:45

COFFEE BREAK + POSTER SESSION

Preclinical Models and Device Innovation

Chairs: Alessandro Fioni & Daniela Traini

Philip Kuehl (Aptar Pharma)	Preclinical Tools for Advancing Pulmonary and Nasal Drug Products	16:15 – 16:40
Dahlmann Franziska (Hannover Medical School)	Translational development of an inhaled palmitoyl-conjugated antiviral siRNA against Human Parainfluenza infection	16:40 – 17:05
Murat Ali (Phillips Medisize)	Enabling Therapies Today and Tomorrow: Demonstrating the Versatility of Blister-Based Dry Powder Inhalers for Current and Future Drug Delivery	17:05 – 17:30

THURSDAY
September 10th

Emerging Perspectives in Airway Inflammation, Chronic Cough and Bronchiectasis

Chairs: Stefano Aliberti & Gaetano Caramori

<i>Keynote Speaker</i> David Edwards (SC Therapeutics)	Airway inflammation and hypertension	09:00 – 09:40
Federico Lavorini (Careggi University Hospital)	Clinical Aspects and Pathophysiology of Chronic Cough	9:40 – 10:05
Alyn Morice (University of Hull)	Chronic Cough Management: From Current Treatments to Emerging Therapies	10:05 – 10:30
Diletta Mandrioli (University of Parma)	Carbocisteine Dry Powder Inhaler for Prolonged Chronic Cough Treatment	10:30 – 10:45

COFFEE BREAK + POSTER SESSION

Chairs: Federico Lavorini & Gaetano Caramori

Stefano Aliberti (Humanitas Research Hospital)	Non-cystic fibrosis bronchiectasis and emerging therapeutic strategies	11:30 – 11:55
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Young Investigator in NCFB

ROUND TABLE

11:55 – 13:00

1000 Years of Experience, 16 Years of Progress: What Still Remains?

Chair: Jayne Hastedt

Paolo Colombo (Plumestars) – **Carsten Ehrhardt** (Trinity College) – **Ben Forbes** (KCL) – **Anthony Hickey** (RTI) – **John Patton** (Kindeva)

LIGHT LUNCH + POSTER SESSION

Nasal Delivery of Biologics and RNA

Chairs: Regina Scherliess & Fabio Sonvico

Nathalie Heuzé-Vourc'h (National Institute of Biomedical Research)	Exploring Intranasal Delivery of Anti-Infective Antibodies	14:30 – 14:55
Chantelle Ahlenstiel (Kirby Institute)	Respiratory delivery of antiviral RNA therapeutics	14:55 – 15:20

Katharina Schindowski (Biberach University)	Intranasal nose-to-brain delivery of a monoclonal antibody with a controlled release drug delivery system: proof-of-concept and pharmacokinetic studies in mini pigs	15:20 – 15:45
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COFFEE BREAK + POSTER SESSION

Chairs: Philippe Rogueda

Ana Fortuna (University of Coimbra)	Translational In Vivo Evidence Supporting Nose-to-Brain Drug Delivery for Central Nervous System Disorders	16:15 – 16:30
Brianna Walz (University of Toronto)	Optimization and Mechanistic Characterization of Intranasal mRNA-Lipid Nanoparticles for Systemic Protein Secretion	16:30 – 16:45
Francesca Buttini (University of Parma)	CLOSING REMARKS	16:45 – 17:00

Gala Dinner

(19:30 - 01:30)

September 11th – Pitch Contest in Respiratory Disease



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