



08:45 REGISTRATION (Atrium)

09:15 CHAIR'S OPENING ADDRESS

Speaker: Rafik H. Bishara, PhD, FlyPharma Chair & Technical Advisor

09:30 WELCOME TO FLYPHARMA

Speaker: Piet Demunter, Director Strategic Development, Brussels Airport Company

Setting the scene for the conference ahead, FlyPharma's Host Partner, Brussels Airport Company, offers a warm welcome to delegates.

09:40 OPENING KEYNOTE: PHARMA AND INNOVATION: THE BELGIAN PHARMA ECOSYSTEM

Speaker: Catherine Rutten, CEO, pharma.be

Belgian exports in pharmaceuticals and vaccines are thriving thanks to a unique Belgian pharma ecosystem, in which groundbreaking research into new therapies by 200+ pharma companies are supported by excellent service provisions of logistics partners. Find out more about Belgian pharma logistics and the government's 'Pact for the Future' in this keynote session.

TRACK I: REACHING THE PATIENT

10:15 SUPPLY CHAIN CHALLENGES FOR MARKETED PHARMACEUTICAL PRODUCTS: REGULATORY PERSPECTIVE

Speaker: Krishna Prasad, Associate Director Regulatory Affairs, Abbott

10:45 SPONSOR PRESENTATION: TOTAL SUPPLY CHAIN VISIBILITY

Speaker: Philip Newman, Commercial Development Officer, Hanhaa

With an expected 24 billion connected devices by 2020, the Internet of Things is a rapidly expanding market. Live data on temperature, location and security of shipments on a global scale is now a thing of the present. Find out how in this presentation from FlyPharma Europe sponsor Hanhaa.



10:55 NETWORKING BREAK

11:20 IN THE PATH OF THE STORM: MEETING PATIENTS' NEEDS IN EXTREME SITUATIONS

Speaker: Christine Richard, Director of Marketing, Amerijet International Airlines

11:50 THE ROLE OF WHOLESALERS IN HANDLING, STORING AND DISTRIBUTING OF PHARMACEUTICALS

Speaker: Monika Derecque-Pois, Director General, GIRP

Key takeaways:

- An introduction to GIRP
- Full-line wholesalers vs other forms of pharmaceutical distribution in Europe
- Efficiencies and advantages of full-line wholesalers
- The Good Distribution Practice Guidelines: key areas of relevance for wholesalers
- Current key issues in the pharmaceutical supply chain: temperature handling during transport, delivery documentation, qualification of delivery trucks, temperature mapping of premises and vehicles

12:20 SPONSOR PRESENTATION: TEMPERATURE EXCURSIONS: INDUSTRY STANDARD OF THE PAST

Speaker: Marrie Groeneveld, Chief Commercial Officer, SkyCell AG

Is it possible to eliminate temperature excursions entirely?

Find out more in FlyPharma Europe sponsor SkyCell AG's presentation.



12:30 LUNCH

TRACK II: VALIDATION AND STRATEGY

13:30 UPDATE ON THE IATA CEIV PHARMA VALIDATION PROJECT

INTRODUCTION:

- **Speaker: Andrea Gruber, Head, Special Cargo, International Air Transport Association (IATA)**

THE VIEW OF THE PHARMACEUTICAL INDUSTRY:

- **Speaker: Debora Mattys, Associate Director – Compliance Operations EMEA, MSD**

With an introduction from IATA and a presentation from MSD, this session will look at the latest news and developments regarding CEIV Pharma certification, then consider how pharma shippers view the project and those who sign up to it.



14:10 DATA DRIVEN RISK MANAGEMENT FOR COLD CHAIN

Speaker: Nina Heinz, Global Head of Network & Quality, DHL Global Forwarding/LifeConEx

A core challenge in life sciences is building, maintaining and improving a regulatory compliant, temperature deviation-proof and cost-effective cold chain network globally. Smartly choosing the 'right', most adequate service level, packaging, routing etc is not only about saving costs, but is ultimately about patient safety.

This session will cover:

- My understanding of the challenge
- Existing automated and data-driven risk assessment tools (lane risk assessment, failure mode and effects analysis etc), predictive analytics, as well as real time monitoring and intervention
- Case studies on how this is being applied
- Insights into future trends

14:40 AIR FREIGHT PHARMA MARKETS: MAPPING GROWTH IN EUROPE AND THE WORLD

Speaker: Dirk de Rooij, Commercial Director, Seabury Consulting

A market update on the pharma air trade: discover what impact the growth of pharma air freight is having on the industry, and receive an analysis of Europe's place within a global marketplace.

15:10 NETWORKING BREAK

TRACK III: GO DIGITAL

15:40 PHARMA.AERO CORRIDOR: DIGITAL TECHNOLOGY WITHIN THE PHARMA SUPPLY CHAIN

INTRODUCTION:

- **Speaker: Nathan De Valck, Chairman, Pharma.Aero**

PROOF OF CONCEPT:

- **Speaker: Jean Verheyen, CEO, Nallian**

PANEL: DIGITIZATION AND LANE VALIDATION:

Moderator:

- **Frank Van Gelder, Secretary General, Pharma.Aero**

Panelists:

- **Alban François, Vice President Cargo, Brussels Airlines Cargo**
- **Nina Heinz, Global Head of Network & Quality, DHL Global Forwarding/LifeConEx**
- **Jean Verheyen, CEO, Nallian**
- **Eddy Weygaerts, Senior Manager for Logistics Delivery ELC & ES EU, Pfizer**
- **Nathan De Valck, Chairman, Pharma.Aero**
- **David Beecham, Senior Manager – Cargo Products, Qatar Airways Cargo**

The ability to share data throughout the entire supply chain is becoming a pivotal aspect in optimizing logistical services for pharmaceutical products. Creating full transparency by digitizing the process and logistical chain allows us to advance towards real lane validation. During these three interconnected sessions, Pharma.Aero members will share their thoughts on the organization's new digitization project, and will openly discuss potential steps to creating added value for pharmaceutical shippers.

17:00 CHAIR'S CLOSING REMARKS

Speaker: Rafik H. Bishara, PhD, FlyPharma Chair & Technical Advisor

17:05 DAY 1 SESSIONS CONCLUDE

NETWORKING EVENT

18:15 NETWORKING EVENT DRINKS RECEPTION (Atrium)

19:00 NETWORKING DINNER AND ENTERTAINMENT (Galaxy 3)

22:00 NETWORKING EVENT CONCLUDES



09:00 REGISTRATION AND NETWORKING (Atrium)

09:30 WELCOME FROM CHAIR

Speaker: Rafik H. Bishara, PhD, FlyPharma Chair & Technical Advisor

TRACK IV: THE UNEXPECTED AND WAYS TO CREATE MORE SECURITY

09:40 DE-RISKING YOUR SUPPLY CHAIN TO MAKE IT MORE RESILIENT

Speaker: Laurent Foetisch, Managing Director, Supply Chain Operations SA

De-risking your operations should be a key element of your supply chain contingency planning activities – always trying to predict disruption incidents and mitigate them. How should you engineer your supply chain for resilience? How do you create robustness in your logistics chain? How can you maximize the use of your risk management tool box and create a risk management culture? This presentation will explore different ways to minimize discontinuance of your day-to-day operations and reduce impacts on your value chain.

10:10 BLOCKCHAIN IN THE PHARMACEUTICAL SUPPLY CHAIN: SEPARATING THE HYPE FROM THE REALITY

Speaker: Matthew Wilson, Chief Product Officer, Veratrak

There has been a lot of interest in blockchain and distributed ledger technology over the past 18 months and its applications within the pharmaceutical supply chain. This session will present a pragmatic overview of the technology and some of the use cases within the pharmaceutical supply chain, as well as exploring exactly where the technology can add value and the barriers to widespread adoption.

10:40 NETWORKING BREAK

11:05 CYBERSECURITY: STAYING AHEAD OF THE GAME

EXECUTIVE BRIEFING ABOUT CYBER RISK

■ Speaker: Chris Verdonck, EMEA Cyber Leader, Deloitte

GDPR CONSEQUENCES IN PRACTICE: OVERRATED OR UNDERESTIMATED?

■ Speaker: Erik Luysterborg, EMEA Data Protection & Privacy Leader, Deloitte

ARE WE READY FOR THE MODERN HACKER?

■ Speaker: Karim Jawhary, Senior Director, Life Sciences & Healthcare, Unisys

Cyber attacks can come in many forms, and some companies – whether pharma shippers or cargo – are still catching up to hackers' advanced methods. What can you do to better protect your company? This session will feature a series of presentations tackling today's biggest cybersecurity issues.

12:15 THE WHAT AND HOW OF CARGO INTELLIGENCE

Speaker: Loraine Bout, Intelligence Manager – EMEA, Sensitech

Key takeaways:

- Hurdles in collecting data
- Breakdown of the data obtained
- Examples of actual incidents
- Zooming into cargo theft in Q1 in the UK, Germany, Sweden, Netherlands and South Africa
- Peripheral risks
- Variety intelligence products

12:45 LUNCH

TRACK V: SPEAKING EACH OTHER'S LANGUAGE

13:45 THE LANGUAGE OF THE PHARMA INDUSTRY: WHAT OPERATORS NEED TO KNOW

Speaker: Yoram Eshel, Former Senior Director, Head of Global Transportation & Logistics, Teva Pharmaceutical Industries

Key takeaways:

- The regulatory landscape – principles and formal requirements
- Risk management along the logistics chain – the way we look at weak points
- Beware of paradigms – dos and don'ts
- Means, including processes and data management – aiming for an end-to-end approach
- Industry trends – control towers, online monitoring and partnering models
- Getting ready for the Falsified Medicines Directive – advanced visibility and traceability technologies



14:15 **PANEL: THE GOLDEN RULES FOR AIR CARGO PHARMA HANDLING: OPENING PANDORA'S BOX?**

Moderator:

- **Bruno Guella, Managing Director, MVD Free Airport**

Panelists:

- **Geert Verniers, BD Director & Partner, 4Advice**
- **Rafik H. Bishara, PhD, Former Director of QKMTS, Eli Lilly & Company**
- **Olivier Simonnot, Senior Manager Strategic Marketing, Life Sciences EMEA, Sensitech**
- **Abdullah Bahadir Büyükkaymaz, Special Cargo Manager, Turkish Cargo**
- **Frans Vriend, Regional Sales Manager, va-Q-tec**

Why are pharmaceuticals so difficult to transport, and what are the weakest points in the supply chain? Does greater data sharing between partners create a 'Pandora's box' of problems? Is there an easily defined set of 'golden rules' cargo handlers should follow? Offering a practical perspective to clarify the real issues behind moving pharmaceutical cargo and finding end-to-end solutions.

Panel topics include:

- What do you wish your partners understood about your role?
- What can go wrong and how do you believe weaker areas can be supported?
- How can pharma companies be more involved in what happens to their products after they leave the factory?
- How can cargo companies go the extra mile for these highly time- and temperature-sensitive pharmaceutical products?

15:05 **NETWORKING BREAK**

15:35 **PHARMA'S PLACE IN THE SUPPLY CHAIN**

Speaker: Jeroen Janssens, Senior Manager, Vaccine Distribution & Cold Chain, GSK Vaccines

Discussing how pharma shippers engage with their supply chain partners today, and whether that may (or must) change in the future. Can the industry succeed in becoming more open to transparency and collaboration (both amongst their competitors and with their logistics partners), while keeping a competitive edge?

16:05 **DAY 2 CLOSING KEYNOTE PANEL: INNOVATION TODAY AND TOMORROW**

Moderator:

- **Rafik H. Bishara, PhD, FlyPharma Chair & Technical Advisor**

Panelists:

- **Eddy Weygaerts, Senior Manager for Logistics Delivery ELC & ES EU, Pfizer**
- **Marrie Groeneveld, Chief Commercial Officer, SkyCell AG**
- **Yoram Eshel, Former Senior Director, Head of Global Transportation & Logistics, Teva Pharmaceutical Industries**
- **Matthew Wilson, Chief Product Officer, Veratrak**

A selection of FlyPharma speakers discuss the key messages from the last two days, particularly with regard to new and upcoming innovative ideas, products or projects.

16:30 **CLOSE OF CONFERENCE**