

# 2nd International Pharma Logistics Masterclass

*Abu Dhabi - 5 to 9 September 2022  
Program details*



**DAY 1**  
**SEPTEMBER 5**

# Data as value driver for the future pharma supply chain

*Chair: Khalifa University, Abu Dhabi UAE*

*Co-Chair : Pharma Company*

9 – 9.30

■ **Welcome Address by the Captains**

- Steering Committee Masterclass 2022

9.30 – 10

■ **Flightplan of the Masterclass**

- Pharma.Aero

10 – 10.45

■ **The Power of Mega Cargo Loads of Data: impact on the future pharma supply chain**

- Khalifa University, Abu Dhabi UAE

10.45 – 11.15

■ **Coffee break & networking**

11.15 – 12

■ **Connecting the data dots of the end-to-end Pharma supply chain routing: use cases and data control towers**

- Khalifa University, Abu Dhabi UAE

- Blue Yondel

12 – 12.30

■ **Take-off destination “future data ecosystems”: industry use cases to support the pharma supply chain of tomorrow**

12.30 – 14.30

■ **Lunch break with alternating visits to the Khalifa University Drone Lab and Robotics Centre**

15.30 – 17.00

■ **Workshop - Digital Twinning: Light in the black box - how big data analytics create pharma supply chain predictability**

- Mina Zayed Abu Dhabi

18.30 – 20.30

■ **Welcome Reception & networking**

- Executive Affairs UAE / The Belgian Ambassador UAE / Etihad / Khalifa University / Antwerp University / Pharma.Aero

**DAY 2**  
**SEPTEMBER 6**

# Setting your future supply chain strategy by economic modelling

*Chair: University of Antwerp*  
*Co-Chair: Pharma Company*

8.30 – 11.30

■ **Visit to the ADAC Abu Dhabi Airport Cargo Facility alternated with Pharma Supply Chain case based challenges**

- Abu Dhabi Airport
- University of Antwerp & Pharma.Aero, Belgium

12.00 – 13.30

■ **Lunch break and networking**

13.30 – 14.45

■ **Multi modal supply chain forecast: evidence based strategic business modelling**

- University of Antwerp, Belgium
- University of Longbeach and Metrans, USA

14.45 – 15.15

■ **How to build through innovation a resilient end-to-end pharma supply chain, robust enough for the future challenges**

- DHL Innovation Centre, Germany

15.15 – 15.45

■ **Successful supply chain models in healthcare**

- RAFED Health Care Supplies, UAE

15.45 – 16.15

■ **Coffee break and networking**

16.15 – 17.00

■ **The Pharma.Aero Membership 300 seconds rapid fire cases: how translate strategy vision into action**

- Airlines, airports, ground handlers and freight forwarders use case

17.00 – 18.30

■ **Workshop - "Less is more": how to develop agile strategies in pharma supply chain modelling**

- University of Antwerp, Belgium
- University of Longbeach and Metrans, USA

**DAY 3**  
**SEPTEMBER 7**

# Pack and go: how innovative packaging will support the future healthcare model

*Chair: Pharma.Aero*

*Co-Chair : Department of Healthcare, University of Antwerp*

8.30 – 9.00

- **Setting the scene: wake-up call for integrated full end-to-end visibility supply**  
- Pharma.Aero, Belgium

9.00 – 10.00

- **The change of the future healthcare model: supply chain requirements for vaccines**  
- Department of Healthcare, University of Antwerp, Belgium

10.00 – 10.30

- **Using advanced devices for the future pharma supply chain**  
- Khalifa University, Abu Dhabi, UAE

10.30 – 11.00

- **Coffee break & networking**

11.00 – 11.30

- **Back to the Future: two industry use cases - Evidence based business model change in dry ice use, industry case**  
- Hope Consortium, Abu Dhabi, UAE

11.30 – 12.00

- **Cool chain challenges for the last-mile deliveries: how to prepare a connected pharma supply chain**  
- University of Antwerp, Belgium

12.00 – 13.00

- **Introduction to innovative packaging:**  
Set the scene: industry state of the art & 300 sec. industry innovation pitch  
- 7 industry company innovation pitches

13.00 – 15.00

- **Lunch Workshop: create an innovative packing solution end-to-end**  
- Students work in 7 groups with the 7 industry moderators

15.30 – 18.30

- **RAFED & GENOME VALLEY Visit**

13.00 – 15.00

- **Social Event: Exclusive visit & dinner at Louvre, Abu Dhabi, UAE**

**DAY 4**  
**SEPTEMBER 8**

## When the exception turns into standard: emergency and crisis pharma logistics

*Chair: Executive Affairs UAE*

*Co-Chair : Pharma Shipper*

9.00 – 9.30

■ **Setting the scene: the impact of the global disruption caused by health and geo-political situations**

- Executive Affairs UAE

9.30 – 10.15

■ **When all standards are gone: flexible until it snaps - insights in emergency logistics**

- Unicef

10.15 – 11.00

■ **Collaboration as key differentiator for future crisis models**

- Project Sunrays Pharma.Aero & TIACA

- Air Cargo Belgium Community on Physical Internet and collaboration during BruCure

11.00 – 11.30

■ **Coffee break & networking**

11.30 – 12.00

■ **Title to be confirmed**

- University of Longbeach and Metrans, USA

12.00 – 12.30

■ **How new technologies can drive the future emergency medical and pharmaceutical supply chain**

- Khalifa University, Abu Dhabi UAE

12.30 – 14.00

■ **Lunch & networking**

12.00 – 12.30

■ **Hope Consortium in crisis logistics**

- Hope Consortium, Abu Dhabi UAE

14.30 – 16.30

■ **Connect to the last difficult mile: drone project of Pharma.Aero, Humanitarian Logistics Association & VillageReach**

- Pharma.Aero Drone project insights

17.00 – 21.30

■ **Social Event: Masterclass Dinner Event & Certification Ceremony - Abu Dhabi Desert visit & dinner**

**DAY 5**  
**SEPTEMBER 9**

# Sustainable Pharma supply chain models: how transport modes intertwine

*Chair: University of Antwerp, Belgium*

*Co-Chair : Pharma Shipper*

9.00 – 9.30

- **Seafreight in the pharma supply chain: is it speed versus sustainability?**  
- University of Antwerp, Belgium

9.30 – 10.45

- **Intermodal industry collaboration and digitization as enabler to sustainability: industry use cases**  
- Air to sea modal shift in Pharma  
- Freight Forwarding industry view

10.45 – 11.15

- **Coffee break & networking**

11.15 – 11.45

- **Orchestration of the pharma supply chain: how physical internet and end-to-end data connectivity create sustainability**  
- Khalifa University, Abu Dhabi, UAE

11.45 – 12.15

- **Do we speak the same language: the need for a cross modal CO2 calculation model**  
- University of Antwerp, Belgium

12.15 – 12.45

- **The airline sustainability program**  
- Etihad, Abu Dhabi, UAE

12.45 – 13.30

- **Panel discussion: Let's create an end- to-end sustainable green pharma lane**  
- Pharma Shipper, Airline, Sea Port, Shipping Company, Last mile expert, Airport

13.30 – 15.00

- **Closure and wrap-up over lunch & networking**

16.30 – 21.30

- **Social Event: La Perle entertainment Show V-Hotel, Dubai Business District**