

8th APV Winter Conference 2026

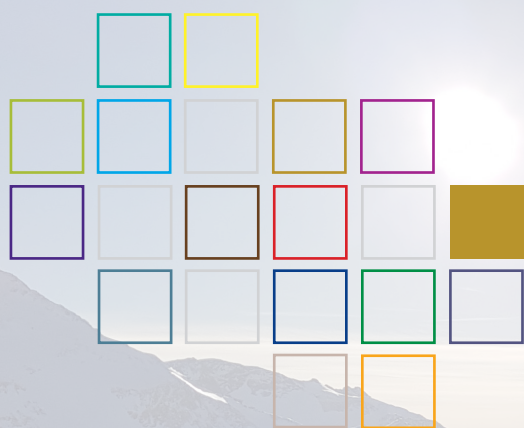
AI/ML in Drug Product Development & Manufacturing



22 - 23 January 2026

Salzburg, Austria

Course no. 7060



Hot Topics

Target group

This conference is aimed at professionals in academia and industry, working in Formulation Development, Process Development, Manufacturing, Process Engineering, Biopharmaceutics, Data Science and Regulatory Affairs.



Objectives

The conference will highlight the use of artificial intelligence and machine learning approaches throughout the value chain of solid oral dosage form development and manufacturing. Speakers will share tangible use cases of AI/ML applications in formulation development, process development, manufacturing and biopharmaceutics. Furthermore, regulatory implications as well as future perspectives, challenges, and strategic considerations of AI/ML in drug development will be discussed.

Moderators



Adrian Funke, Scientific Lead CMC Predictive Development, Bayer AG, Berlin, Germany



Michael Juhnke, Senior Principal Scientist, F. Hoffmann-La Roche, Basel, Switzerland



Susanne Page, Expert Scientist, F. Hoffmann-La Roche, Basel, Switzerland

Programme

Thursday, 22 January 2026

08:45 - 18:00 h

Welcome & Introduction

Keynote - Establishing a Pharmacoinformatics Repository to Support Data-informed Drug Formulation Development

Patrick O'Dwyer, University College Cork, Ireland

Predicting the Solubility Curve in Organic Solvents and Solvent Mixtures with a Hybrid Model

Florence Vermeire, KU Leuven, Belgium

Coffee Break

From Powder to Tablet: A Neural Network Model for Direct Compression

Jens Dhondt, Johnson & Johnson, Belgium

AI-Powered Tablet Formulation Development

Daniel Markl, University of Strathclyde Glasgow, United Kingdom

Lunch Break

Keynote - Current and Future Industrial Applications of AI/ML in Drug Product Development and Manufacturing

Maximilian Eggersdorfer, Novartis Pharma, Switzerland

How AI Breakthroughs Unleash Pharmaceutical Process Modeling - LLMs & LMMs in MoE and Swarm-Based Agent Architectures

Carsten Schilde, Braunschweig University of Technology, Germany

Coffee Break

Agentic Assisted Tablet Formulation Development
Gavin K. Reynolds, AstraZeneca, United Kingdom

Quantitative Analysis of Visual Tablet Defects with Machine Learning

Eric Freiermuth, F. Hoffmann-La Roche, Switzerland

Numerical Simulation and AI Optimisation of Pharmaceutical Process Equipment

Kit Windows-Yule, University of Birmingham, United Kingdom

AI in CMC: Balancing Innovation and Risk for Regulatory Applications

Daniel Markl, University of Strathclyde Glasgow, United Kingdom

Wrap-up & Discussion

Networking dinner

Friday, 23 January 2026

08:45 - 13:30 h

Welcome

Machine Learning Real-Time Control of Continuous Granulation Plant

Maksym Dosta, Boehringer Ingelheim Pharma, Germany

Case Studies on Monitoring and Control of Manufacturing Processes in Synthetics

David Ochsenbein, Johnson & Johnson Innovative Medicine, Switzerland

Coffee Break

Integration of Machine Learning into Personalised Medicine Development

Mine Orlu, University College London, United Kingdom

How Much Data is Enough? Predicting ADME/PK Properties for New Modalities

Silvan Käser, F. Hoffmann-La Roche, Switzerland

Final discussion and closing of the seminar

Networking lunch

Programme subject to changes.

Location	Registration fee	Registration	Hotel reservation
Wyndham Grand Salzburg Conference Centre Fanny-von-Lehnert-Straße 7 5020 Salzburg Austria	Until 15 December 2025 Industry 1490 EUR Authority/University 745 EUR Students* 200 EUR From 16 December 2025 Industry 1690 EUR Authority/University 845 EUR Students* 250 EUR	APV-Geschäftsstelle Kurfürstenstraße 59 55118 Mainz/Germany Phone: 0049 6131 97 69 0 E-mail: apv@apv-mainz.de Web: www.apv-mainz.de You will receive a confirmation of your registration with the invoice.	Wyndham Grand Salzburg Conference Centre Fanny-von-Lehnert-Straße 7 5020 Salzburg Phone: 0800 724 06 15 www.wyndhamhotels.com We kindly ask you to book your hotel yourself by email using the code „APV“. We have blocked a contingent on the special rate of 139,00 € incl. breakfast, available until 12 December 2025 .
Date Course no.: 7060 from 22 January 2026 to 23 January 2026	(free of VAT according to § 4,22 UStG) Coffee breaks, luncheon, dinner and electronic proceedings included. * Limited places for full time students available; written evidence must be submitted.		
08:45 h 13:30 h			

8th APV Winter Conference 2026, 22 - 23 January 2026, Salzburg, Austria, Course no. 7060

Registration

As soon as you have found a seminar of your interest, it is very easy to register for it by e-mail or online. We will process your registration promptly and certainly are available for any questions that may arise.

Registration confirmation

After your registration was successfully processed, you will receive a confirmation.

Before the event

A few days before the event starts, you will receive important information about the seminar, such as time, date, addresses etc.

After the event

You will receive a certificate confirming your participation. Furthermore, we would like to ask you to fill-in our evaluation sheet to make sure we get better every time.

Follow-up

After the event, we are open to receive any suggestions and critique that might arise during the seminar and will certainly help you with further questions you may have.

Declaration of consent in respect of data protection

☐ By registering for this seminar, I agree that the APV uses my data for the purpose of processing the order and provides me with all relevant information.

☐ I also agree that APV may contact me for the purpose of exchanging similar information by email or post.

Your data will not be shared with third parties. You have a right of withdrawal at any time without giving reasons.

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