

7th APV Winter Conference 2024

ODx and MBx – orodispersible and mucoadhesive buccal formulations Novel technologies, new products, future opportunities



25 - 26 January 2024
Innsbruck, Austria

Course no. 6969



Hot Topics

Target group

The seminar is highly recommended for pharmacists in community pharmacies, hospital pharmacies or industry, other scientists or engineers operating in pharmaceutical development, manufacturing and business development.



Objectives

Since orodispersible (ODx) and mucoadhesive buccal (MBx) drug formulations have been introduced to the pharmaceutical market these special dosage forms have been continuously evolved both in academia and industry. APV have addressed the topic quite early in the year 2013 and continued with the winter conference 2015 in Innsbruck where a systematic terminology and the abbreviations have been introduced and jointly agreed upon which are nowadays commonly used around the globe by scientists, pharmaceutical companies and even competent authorities. After the last APV winter conference on this topic back in 2016 it is now time to convene again to commonly reflect on advanced technologies, materials, new drug products on the market and future opportunities. An overview of these dosage forms will be followed by presentations from distinguished speakers and thorough discussions on recent advances for both newcomers in this area and experts who will jointly learn and discuss about benefits of new grades of excipients, manufacturing and processes in different settings as well as biopharmaceutical and clinical considerations for ODx & MBx.

We are looking forward to meet you (again) in Innsbruck with its spectacular surroundings of the Tyrolian Alps to mutually inform and discuss about this hot topic.

Moderators



Prof. Dr. Jörg Breitzkreutz
Heinrich Heine University Düsseldorf

Joerg Breitzkreutz studied Pharmacy at the WWU in Münster and finished his doctoral thesis in 1996. After almost 2 years of industrial experience as the Head of Product Coordination at Thiemann Arzneimittel GmbH in Waltrop, Germany, he went back to WWU for his habilitation on "Paediatric drug formulations" which he finalized in 2004. Shortly before that, he joined the Heinrich Heine University (HHU) Düsseldorf as Professor for Pharmaceutical Technology and Biopharmaceutics. Since 2011, he is the director of this institute. His research topics include drug development for special patient populations such as children and the elderly, orphan drugs and process analytical technologies. Since 2010 he is the president of APV. He serves as a German delegate and the chair of the PaedForm Working Party at the European Directorate for Quality and Healthcare (EDQM) in Strasbourg, France.



Dr. Kathrin Bartscher
NextPharma

Kathrin Bartscher studied Pharmacy at the Westphalian Wilhelms-University (WWU) in Muenster, Germany. After finishing her doctoral thesis at the Institute for Pharmaceutical Technology and Biopharmaceutics in Muenster under supervision of Prof. Dr. R. Gröning in 2006 she joined NextPharma as formulation scientist. In 2013 she was appointed as Head of Drug Product Development at the NextPharma site in Waltrop. In 2016 she took over the global responsibility for the development activities at all NextPharma sites and joined the NextPharma board in July 2017 as Chief Scientific Officer. Since 2014 she is board member of APV and from 2014 to 2023 she held the position of treasurer of APV.



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Programme

Thursday, 25 January 2024

09:00 - 18:00 h

Welcome, introduction and setting the stage

Kathrin Bartscher, NextPharma, Germany

Jörg Breitzkreutz, Heinrich Heine University Düsseldorf, Germany

Part 1: Introduction: ODx and MBx

Introduction into ODFs and MBFs

Sebastian Braun, Heinrich Heine University Düsseldorf, Germany

Introduction into ODTs and ODMTs

Raphael Wiedey, Merck Healthcare, Darmstadt, Germany

Part 2: Recent advances in OD(M)Ts formulations

Effect of co-processed excipients on the properties of orodispersible tablets

Witold Brniak, University of Krakow, Poland

Templated Inverted Particles (TIP) technology – scientific background and practical potentials

Jonas Kost, University of Basel, Department of Pharmaceutical Sciences, Basel, Switzerland

Industrial show cases: Excipients

- Stability as challenge for orodispersible tablets
Leonhard Ohrem, Merck
- Lactose in ODTs – particle engineering for superior mouthfeel
Daniel Sieber, DFE Pharma, Goch, Germany
- Functional excipients to unlock the potential of ODTs
Christian Mühlenfeld, Ashland, Germany

Discussion

Impact of lubrication on processing and quality attributes of OD(M)Ts

Jörg Breitzkreutz, Heinrich Heine University Düsseldorf, Germany

Part 3: Patients' expectations and preferences on product design

Acceptability of orodispersible films in neonates and infants

Dr. Viviane Klingmann, University Children's Hospital Düsseldorf, Germany

Packaging of film formulations

Werner Volk, Optima Packaging, Michelfeld, Germany

Discussion

Part 4: New features and technologies for innovative ODx and MBx

Embedding of lipid nanodispersions in ODFs

Prof. Dr. Denise Steiner, University of Muenster, Germany

Printing ODFs in a hospital setting - what the hospital pharmacy needs

Dr. Torsten Hoppe-Tichy, Pharmacy Department, Heidelberg University Hospital, Germany

Data-enriched edible pharmaceuticals (DEEP)

Natalja Genina, University of Copenhagen, Denmark

Discussion

Networking dinner

Friday, 26 January 2024

09:00 - 13:00 h

Part 5: Biopharmaceutical Performance

ODx and MBx - Is it possible to predict the in vivo performance of these dosage forms with conventional in vitro tests?

Sandra Klein, University Greifswald, Germany

Design of in vitro permeation studies – biorelevant models for buccal applications

Julia Lodder-Gadaczek, LTS Lohmann, Andernach, Germany

A novel approach towards the development of an oromucosal in vitro cell culture model taking into account the immune system

Eva Roblegg, University Graz, Austria

Discussion

Part 6: Industrial product show cases

- Carbomer polymers – efficient mucoadhesive excipients for buccal drug formulations
Theresa Reimers, IMCD, Cologne, Germany,
- Orodispersible films vehicle for compounding personalized medications
Hudson Polonini, Fagron Personalizing Medicine, Rotterdam, The Netherlands
- Discussion

Final discussion and closing of the seminar

Programme subject to changes.

Location	Registration fee	Registration	Hotel reservation
Alphotel Innsbruck Hotels Bernhard-Höfel-Straße 16 6020 Innsbruck Austria	Until 15 December 2023	APV-Geschäftsstelle Kurfürstenstraße 59 55118 Mainz/Germany Phone: 0049 6131 97 69 0 E-mail: apv@apv-mainz.de Web: www.apv-mainz.de	Alphotel Innsbruck Hotels Bernhard-Höfel-Straße 16 6020 Innsbruck Austria Phone: +43 512 344333 mail: seminare.alphotel@innsbruck-hotels.at www.alphotel.com
	From 16 December 2023		
	Industry 1490 EUR	You will receive a confirmation of your registration with the invoice.	
	Authority/University 745 EUR		
	Students* 200 EUR		
	Industry 1690 EUR		
	Authority/University 845 EUR		
	Students* 250 EUR		
Date	(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.		We kindly ask you to book your hotel yourself by email using the code „APV“ to Ms Gyöngyi Kausz, seminare.alphotel@innsbruck-hotels.at . We have blocked a contingent on the special rate of 89,00 € incl. breakfast, available until 17 January 2024 .
Course no.: 6969 from 25 January 2024 to 26 January 2024	09:00 h 13:00 h		

7th APV Winter Conference 2024, 25 - 26 January 2024, Innsbruck, Austria, Course no. 6969

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.

All other information can be found in our privacy policy (www.apv-mainz.de/en/imprint/data-protection-statement/).

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