

5th APV Winter Conference 2020

Individualized Medicines – visions and challenges for all stakeholders in pharmaceuticals



23 to 24 January 2020
Innsbruck, Austria
Course no. 6795



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, business development and clinics.



Objectives

Individualized Medicine is a recent trend in pharmaceutical development, medical treatment and new drug applications. New active substances, including modified autologous cells obtained by Car-T technology, have received the market authorization by EMA and FDA quite recently. Significant progress in modern drug dosage forms and medical devices, including software applications, span a broad view on various treatment options by sophisticated future medicines. This is the 5th event within APV's Winter Conference series in a row. Innovation speed and height is still there. Where are we today? Are we really prepared for the breakthrough of individualized medicines? The seminar reflects the most recent state-of-the-art in pharmaceutical development and manufacturing, indicate bright new ideas and future concepts without neglecting the constraints such as drug regulatory issues and economics. The seminar is highly recommended for pharmacists in community pharmacies, hospital pharmacies or pharmaceutical industry, other scientists or engineers operating in pharmaceutical development, manufacturing, business development and clinics.

This hot topic seminar, organized by APV's Task Force "Individual Medicines", is embedded in APV's winter conference series. It will tackle obstacles such as biopharmaceutical and regulatory evaluations of flexible dosing systems, but offer some recent ideas and products to approach the future in oral medicines.

How to get to Innsbruck?

Right in the heart of Europe, Innsbruck is very conveniently located. A well-developed road and rail network connects the Tyrolean capital to the world: A 12 autoroute (toll sticker required) leads from East (Munich, Salzburg, Brenner) to West (Arlberg arena).

Innsbruck may be reached by plane through Innsbruck airport or Munich airport. Convenient airport shuttles are available from both airports. In the winter season, there are many direct flights to Innsbruck airport, e.g. from Amsterdam, Berlin, Düsseldorf, Eindhoven, Frankfurt, London Gatwick, Moscow Domodedovo, Rotterdam, or Vienna.

Book early as there are numerous skiing tourist who fly to Innsbruck and move on to the very near, world-famous skiing resorts.

Programme

Thursday, 23 January 2020, 09:00 - 17:15 Uhr

Welcome and introduction

Prof. Dr. Jörg Breitreutz, University of Duesseldorf, Germany
Dr. Markus Dachtler, MD DiHeSys Digital Health Systems GmbH
Dr. Elke Sternberger-Rützel, Harro Höfliger, Germany

Part 1: Future Medicines and Drug Therapies

Manufacturing of future medicines for personalized drug therapies

Prof. Dr. Jukka Rantanen, University of Copenhagen, Denmark

Precision medicine on the European agenda

Prof. Dr. Angela Brand, Maastricht University, The Netherlands

Authorization of individualized medicines

Daniela Philadelphia, AGES, Austria

Impact of personalized medicine on Public Health

Prof. Helmut Brand, Maastricht University, The Netherlands

Part 2: Digital Information

Digitalization in LifeSciences and digital health

Sašo Jezernik, Consultys, Switzerland

Digital therapeutics and AI- an emerging approach to healthcare

Lars Böhm, IBM, Switzerland

Part 3: Diagnostics for Precision Medicines

Chewing – Tasting – Knowing: diagnostic chewing gums

Dr. Heinrich Jehle, 3-a diagnostics GmbH, Frickenhausen, Germany

Discussion

Networking dinner



Programme

Friday, 24 January 2020, 09:00 - 12:30 Uhr

Part 4: Dose Individualisation in Pharmacies

Individualisation as potential future focus of pharmacies

Prof. Dr. Christian Franken, CPO Doc Morris, The Netherlands

Automated precise liquid drug dosing into pre-filled capsules in a community pharmacy setting

Manfred Saar, Allee-Apotheke, Heusweiler, President of Pharmacist Chamber of Saarland, Saarbrücken, Germany/David Waldeck, Riegelsberg, Germany

Individualized medicine and dosing devices

Dr. Elke Sternberger-Rützel, Harro Höfliger, Germany

Pressure-assisted syringe printing for gum-like individualized oral medicines

Ilias El Aita, Bayer, Germany

Closing remarks

Prof. Dr. Jörg Breitzkreutz, University of Duesseldorf, Germany

Dr. Markus Dachtler, MD DiHeSys Digital Health Systems GmbH

Dr. Elke Sternberger-Rützel, Harro Höfliger, Germany

Programme subject to change

Announcement:

Friday, 24 January 2020, 13:00 - 14:00 h

4th Meeting of APV Task Force "Individualized Medicines"

Planning next steps

All seminar participants are welcome to join the meeting.

Scientific committee

Prof. Dr. Jörg Breitzkreutz
University of Duesseldorf, Germany



Jörg Breitzkreutz is a pharmacist by training and finished his PhD in 1996 at the Institute for Pharmaceutical Technology and Biopharmaceutics in Münster under supervision of Prof. Gröning. From 1996 to 1997 he joined Thiemann Arzneimittel GmbH in Waltrop, Germany, and from 1997 to 2004 the University of Münster to work on his habilitation on paediatric drug formulations. In 2004 he became professor for pharmaceutical technology at the Heinrich-Heine-University in Düsseldorf, Germany. Since 2010 he is the president of the International Association of Pharmaceutical Technology (APV). His research focuses on paediatric drug formulations, orphan drugs and process analytical technologies.

Dr. Markus Dachtler
MD DiHeSys Digital Health Systems GmbH



Dr. Markus Dachtler studied chemistry in Tübingen, Germany and economics in Neu-Ulm, Germany. In 2000 he finished his Ph.D. thesis in analytical chemistry in Tübingen dealing with direct LC-NMR-MS coupling analysis of biomedical. From 2000-2004 Dr. Markus Dachtler was employed as scientist at Unilever R&D, Vlaardingen, the Netherlands. From 2004-2015 he joined ratiopharm (since 2010 within Teva group), Ulm, Germany and worked in different departments (Stability control, R&D Project Management, General Management). In June 2015 Dr. Markus Dachtler acquired Gen-Plus GmbH & Co KG in Munich, Germany. Dr Dachtler is also co-founder of the company DiHeSys – Digital Health Systems. The company is a healthcare provider for personalized medication. Dr. Dachtler gives regular lectures in the field of generics development and pharma business. He has authored more than 20 publications in international journals and also holds 1 patent. In his scientific career he got several innovation awards and the Richard R. Ernst Prize in 1998.

Dr. Elke Sternberger-Rützel
Harro Höfliger, Germany



Elke Sternberger-Rützel studied pharmacy at the FU Berlin and Eberhard-Karls-Universität Tübingen until 1998. Thereafter she started 1998 to earned her doctorate in Pharmaceutical Technology at the Karl Ruprecht University Heidelberg. She is also a pharmacist specializing in pharmaceutical technology. After completing her doctorate, she worked in the pharmaceutical development department of Grünenthal GmbH (2002-2006) as laboratory manager for packaging development, stability studies and packaging of clinical test samples. Later in the R & D department of Catalent Pharma Solution (Schorndorf, Germany) (2006-2009) as a packaging developer with a focus on microdosing, as interim head of department and project manager. Subsequently, she was hired as Pharma Trendscout and Innovation Manager at Robert Bosch GmbH Packaging Pharma (2009-2012). Since 2013 she has been working for Harro Höfliger GmbH as Head of Test Facilities within Pharma Services.

Seminar registration by fax +49 6131 97 69 69 or by e-mail apv@apv-mainz.de



Location	Registration fee	Registration	Hotel reservation
Austria Trend Hotel Congress Innsbruck Rennweg 12a 6020 Innsbruck Austria Phone: +43 512 2115-0 Fax: +43 512 2115-500 email: congress@austria-trend.at	Early bird until 15 December 2019 Industry 1290 EUR Authority/University** 645 EUR Students* 155 EUR Regular fee Industry 1490 EUR Authority/University** 745 EUR Students* 178 EUR (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.	APV-Geschäftsstelle Kurfürstenstraße 59 55118 Mainz/Germany Phone: 0049 6131 97 69 0 Fax: 0049 6131 97 69 69 E-mail: apv@apv-mainz.de Web: www.apv-mainz.de You will receive a confirmation of your registration with the invoice. ** Special fee for community and hospital pharmacists.	Austria Trend Hotel Congress Innsbruck Rennweg 12a 6020 Innsbruck, Austria Phone: +43 512 2115-0 Fax: +43 512 2115-500 email: congress@austria-trend.at Participants should make their own hotel reservation referring to the APV seminar. Deadline for special conference rate: 23 December 2019. Special rate: Single room incl. breakfast from 107,00 € per night.
Date Course no. 6795 from 23 January 2020 to 24 January 2020	09:00 h 12:30 h		Mainz, November 2019

5th APV winter conference: Individualized Medicines, 23-24 January 2020, Innsbruck, Austria, Course no. 6795

Registration

As soon as you have found a seminar of your interest, it is very easy to register for it via fax, 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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* Mandatory

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