

second announcement

14th World Meeting on Pharmaceuticals, Biopharmaceutics and Pharmaceutical Technology

Vienna, Austria

18 - 21 March 2024

PBP

WORLD MEETING

in combination with

*R*esearch*P*harm[®]

International Exhibition for R&D



www.worldmeeting.org

14th World Meeting on Pharmaceuticals, Biopharmaceutics and Pharmaceutical Technology

Vienna, Austria, 18 - 21 March 2024

In continuation of the very successful scientific meetings in Budapest, Paris, Berlin, Florence, Geneva, Barcelona, Malta, Istanbul, Lisbon, Glasgow, Granada, Rotterdam and due to the COVID crisis in 2021 in a virtual format, the 14th World Meeting on Pharmaceuticals, Biopharmaceutics and Pharmaceutical Technology will be held in Vienna, Austria in 2024.

This conference has gained an ever increasing impact among the pharmaceutical scientists: With more than 1000 submitted abstracts and more than 1300 participants (before COVID crisis) it has become a well-established major meeting attracting scientists from all over the world. It is organized every two years, in March or April of the even years.

The entire spectrum of topics ranging from engineering aspects of the manufacturing process, the portfolio of commercially available excipients enabling formulation of a large variety of medicinal products, the underlying physico-chemical principles, cutting-edge characterization techniques as well as potential pitfalls and hurdles to be overcome during product development, manufacturing and characterisation will be addressed.

The conference will be held on 3.5 days: from Monday (noon) until Thursday (evening). From Tuesday to Thursday, 4 parallel sessions with oral presentations will be held:

2 sessions on industry-related topics, presented by distinguished invited speakers, giving overviews on the current state of the art in the respective fields

2 sessions with short talks selected from submitted abstracts, presenting the latest research findings in the broad field of Pharmaceuticals, Biopharmaceutics and Pharmaceutical Technology.

During the entire conference, the accompanying exhibition ResearchPharm® provides a cross-disciplinary platform for pharmaceutical scientists working in all fields of drug development in industry, academia and regulatory bodies. This exhibition is steadily growing and offers the possibility to present and learn about the newest trends and products in the area of pharmaceutical ingredients, developing and processing equipment, analytical technologies, medicinal products, medical devices and contract manufacturing.

In addition, young and experienced scientists from academia and industry will present their latest research achievements in the form of poster presentations, allowing for fruitful scientific exchanges with the authors.

The meeting is intended to bring together people working in fundamental and applied academic research, in the chemical and pharmaceutical industry and the regulatory field, offering the opportunity to initiate fruitful discussions and collaborations.

The organising committee cordially invites you to join the 14th World Meeting and would be glad to welcome you in Vienna, Austria!

Paolo Caliceti
President ADRITELF



Juergen Siepmann
President APGI



Joerg Breitsch
President APV



Participating societies



Scientific programme

Monday, 18 March 2024

13:00 – 13:45	Opening Ceremony	Exhibition
13:45 – 14:45	Key note lecture	
14:45 – 15:30	Coffee break	
15:30 – 17:30	Hot topic lectures	
17:30 – 19:00	Welcome Reception	

Key note lecture

13:45 - From graduate student to research scientist
- moving a technology to commercialization:
KinetiSol Dispersing
Bill Williams, University of Texas, USA

14:45 - 15:30 Coffee break/exhibition

Hot topic session

15:30 - Challenges with Ex-Vivo CAR-T cell therapies and
outlook into next generation In-Vivo concepts
16:10 Sabine Desset-Brethes, Novartis, Switzerland

16:10 - Sustainability challenges and solutions over the life-
cycle of medicines
16:50 Tiina Sikanen, University of Helsinki, Finland

16:50 - Advancing artificial intelligence tools in drug
formulation development
17:30 Brendan Griffin, University of Cork, Ireland

17:30 - 19:00 Welcome reception

10:20 - Development of excipient monographs from a
11:00 manufacturer's perspective
Michael Radius, Lipoid, Germany

Invited talks: What's new in nanotechnology and drug targeting?

09:00 - Harnessing hyaluronic acid-conjugates for
09:40 improved glioblastoma local immunotherapy
Alessio Malfanti, University of Padova, Italy

09:40 - Langerhans cell targeting via the skin for immune
10:20 modulation
Robert Wawrzinek, Cutanos, Austria

10:20 - Extracellular vesicles for drug delivery
11:00 Florence Gazeau, University Paris Diderot, France

Short talks I: will be determined in December 2023

Short talks II: will be determined in December 2023

11:00 - 11:30 Coffee break/exhibition/posters

11:30 - 12:00 APV award session

Plenary lecture

12:00 - 3D-Bioprinted cancer models for target discovery,
13:00 drug development, and personalized therapy
Ronit Satchi-Fainaro, Cancer Biology Research
Center, Tel Aviv University, Israel

13:00 - 15:00 Lunch break/exhibition/posters

Invited talks: Innovative manufacturing procedures

15:00 - Linking drug product manufacturing to
15:40 performance by oral route administration in
patients - an integrated in silico modelling
perspective
Edward Close, Siemens, France

15:40 - 3D Printing for advanced drug delivery
16:20 Atheer Awad, University of Hertfordshire, UK

16:20 - Digital pharmaceuticals – case studies of how it can
17:00 support formulation development
Martin Kuentz, University of Applied Sciences & Arts
Northwestern Switzerland, Switzerland

Invited talks: Delivery of proteins and peptides

15:00 - Development of inhaled proteins
15:40 Nathalie Heuzé-Vourc'h, INSERM, Research Center
for Respiratory Diseases, France

15:40 - Stability of antibody drugs on the rocky road from
16:20 the hospital pharmacy to the oncology ward
Hristo Svilenov, University of Ghent, Belgium

16:20 - The boon and bane of polysorbate 20/80 for
17:00 protein formulations: current status
Patrick Garidel, Boehringer Ingelheim, Germany

Short talks I: will be determined in December 2023

Short talks II: will be determined in December 2023

Tuesday, 19 March 2024

09:00 – 11:00	Invited talks	Short talks	Posters	Exhibition
11:00 – 11:30	Coffee break			
11:30 – 12:00	Award session			
12:00 – 13:00	Plenary lecture			
13:00 – 15:00	Lunch			
15:00 – 17:00	Invited talks	Short talks		

Invited talks: Excipients: innovation, regulation, sustainability

09:00 - Overview on sustainability supply of lipid-based
09:40 excipient
Laurent Schubnel, Gattefossé, France

09:40 - Hilopro - a high concentration, low viscosity,
10:20 subcutaneous mAb delivery platform
Surya Pai, Bhami Research Laboratory, India

Wednesday, 20 March 2024

09:00 – 11:00	Invited talks	Short talks	Posters	Exhibition
11:00 – 11:30	Coffee break			
11:30 – 12:00	Award session			
12:00 – 13:00	Plenary lecture			
13:00 – 15:00	Lunch			
15:00 – 17:00	Invited talks	Short talks		
20:00 – 00:00	Gala dinner at the Hofburg			

16:20 - CPV 4.0: An industrial app to enhance the CPV (Continuous Process Verification)
17:00 Marc Ramoneda, Appliant – Apps GMP Compliant S.L., Spain

Invited talks: Cell therapies

15:00 - Epithelial cells
15:40 speaker tbc
15:40 - Ex vivo CAR-T cell concept & regulatory considerations
16:20 speaker tbc
16:20 - ATMPs on the move: overview and regulatory perspective
17:00 Ralf Sanzenbacher, Paul Ehrlich Institute, Germany

Short talks I: will be determined in December 2023

Short talks II: will be determined in December 2023

20:00 - 00:00 Networking event dinner

Invited talks: Innovations in oral drug delivery

09:00 - Amorphous solid dispersion release mechanisms
09:40 Lynne Taylor, Purdue University, USA
09:40 - Oral delivery of systemic monoclonal antibodies, peptides and small molecules using gastric auto-injectors
10:20 Alex Abramson, Georgia Institute of Technology, USA
10:20 - Oral delivery and intestinal targeting of therapeutic nucleic acids
11:00 Caitriona O'Driscoll, University of Cork, Ireland

Invited talks: Parenteral controlled drug delivery

09:00 - Noninvasive in vitro and in vivo monitoring of parenteral controlled release DDS
09:40 Karsten Maeder, University of Halle, Germany
09:40 - Drug delivery strategies for NCEs in cancer
10:20 Jesús Santamaría Ramiro, University of Zaragoza, Spain
10:20 - Injectable hydrogels for ocular drug delivery
11:00 Tina Vermonden, University of Utrecht, The Netherlands

Short talks I: will be determined in December 2023

Short talks II: will be determined in December 2023

11:00 - 11:30 Coffee break/exhibition/posters

11:30 - 12:00 APGI award session

Plenary lecture

12:00 - Observations which might inspire drug delivery scientists for guiding bio-therapeutics over biological barriers
13:00 Stefaan de Smedt, University of Ghent, Belgium

13:00 - 15:00 Lunch break/exhibition/posters

Invited talks: Continuous manufacturing & PAT

15:00 - Continuous Manufacturing of Oral Solid Dosage Forms: what's next?
15:40 Bart Nitert, Janssen R&D, Beerse, Belgium
15:40 - Innovative continuous pharmaceutical technologies supported by AI and machine vision
16:20 Zsombor Kristóf Nagy, University of Budapest, Hungary

Thursday, 21 March 2024

09:00 – 11:00	Invited talks	Short talks	Posters	Exhibition
11:00 – 11:30	Coffee break			
11:30 – 12:00	Award session			
12:00 – 13:00	Plenary lecture			
13:00 – 15:00	Lunch			
15:00 – 17:00	Invited talks	Short talks		

Invited talks: Nucleic acid based drugs and vaccines

09:00 - Targeted lipid nanoparticles with RNAs are going beyond the liver: from vaccines to therapeutic genome editing
09:40 Dan Peer, University of Tel Aviv, Israel
09:40 - mRNA drugs: an industrial perspective
10:20 Shrirang Karve, Sanofi, USA
10:20 - Extrahepatic delivery of siRNA, a theranostic approach
11:00 Ick Chan Kwon, Institute of Science and Technology, Korea University, Korea

Invited talks: Local drug delivery

09:00 - Nanoparticles in buccal matrix systems for the treatment of oral pathologies
09:40 Laura de Oliveira Nascimento, Universidade Estadual de Campinas, Brazil
09:40 - Drug targeting to the esophagus
10:20 Christoph Rosenbaum, University of Greifswald, Germany
10:20 - Recent advances in drug-releasing vaginal rings
11:00 Karl Malcolm, Queen's University of Belfast, UK

Short talks I: will be determined in December 2023

Short talks II: will be determined in December 2023

11:00 - 11:30 Coffee break/exhibition/posters

11:30 - 12:00 ADRITELF award session

Plenary lecture

12:00 - Title tbd
13:00 speaker tbc

13:00 - 15:00 Lunch break/exhibition/posters

Invited talks: Patient-focused drug delivery

15:00 - Why and how introduce patient centered
15:40 approaches in pharmaceutical product development
Leonie Wagner, Hoffmann-La Roche, Switzerland

15:40 - Safe and effective drug use in geriatric patients -
16:20 inclusion of geriatric patients in clinical studies
speaker tbc

16:20 - Filling the deltas in patient-centric drug development
17:00 Sven Stegemann, Leibniz JointLab fiT, Germany

Invited talks: Bio-barriers and alternative routes of administration

15:00 - Oral delivery strategies based on nanoparticles for
15:40 biologics
Juan M. Irache, University of Navarra, Spain

15:40 - The impact of lung epithelial transporters on
16:20 pulmonary drug delivery
Carsten Ehrhardt, Trinity College Dublin, Ireland

16:20 - Nanocarriers for nasal delivery: nose-to-brain,
17:00 vaccine and anti-COVID applications
speaker tbc

Short talks I: will be determined in December 2023

Short talks II: will be determined in December 2023

17:00 End of conference

Programme subjected to changes!

Chairs and committees

Local chair of the conference

Prof. Lea-Ann Dailey, University of Vienna, Austria

Co-chairs of the conference

Prof. Jörg Breitzkreutz, University of Düsseldorf, Germany
Prof. Paolo Caliceti, University of Padova, Italy
Prof. Juergen Siepmann, University of Lille, France

Chair of the programme committee

Dr. Mauro Di Stefano, CSL Behring AG, Switzerland

Programme committee

Prof. Ruggero Bettini, University of Parma, Italy
Prof. Jörg Breitzkreutz, University of Düsseldorf, Germany
Prof. Paolo Caliceti, University of Padova, Italy
Prof. Lea-Ann Dailey, University of Vienna, Austria
Dr. Mauro Di Stefano, CSL Behring AG, Switzerland
Prof. Vincent Faivre, University of Paris-Saclay, France
Dr. Vasco Filipe, Sanofi, France
Dr. Alexandre Gil, Gattfossé, France

Prof. Sandra Klein, University of Greifswald, Germany
Prof. Juergen Siepmann, University of Lille, France

Abstract submission

Deadline for abstract submission:
submission closed

Abstracts Submitted abstracts will be presented either orally as short talk or as poster presentation on one day from 19 - 21 March 2024.

Acceptance of abstracts Authors will be notified of acceptance of their submitted abstract and the type of presentation (oral or poster) by end of December 2023.

Authors also have the possibility to view the status of their abstract using the function "status of your abstract" on our website.



Social programme

Welcome reception

The welcome reception will be held on

Monday, 18 March 2024 from 17:30 - 19:00 h.

Enjoy a glass of wine while networking with old and new friends or strolling around the industrial exhibition ResearchPharm® in the congress centre.

Gala dinner

Join us for our unmissable social networking gala dinner at the charming event location „HOFBURG Vienna“.
The doors will be open for you

on Wednesday, 20 March 2024 from 20:00 - 00:00 h.

The HOFBURG Vienna is accessible within walking distance in the city centre of Vienna.

Experience Vienna on a traditional exclusive level and establish contacts in a relaxed atmosphere. Taste the variety of traditional Austrian food with a seated three-course dinner menu.



We invite you to join this state-of-the-art industrial exhibition

Coffee breaks, welcome reception as well as the event dinner are included in the registration fee. Coffee breaks and welcome reception will be integrated in the exhibition/poster area to create as much traffic around your booth as possible.

It's easy to book a booth at the ResearchPharm®. Just fill in the booking form, which you will find on our website www.researchpharm.org and send it to us.

Your contact for further information is:
Valentina Marinkova

+ 49 6131 97 69 40

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Gain direct access to the delegates of the PBP World Meeting through enhanced visibility and exposure to attract new business. Are you interested in knowing more about our sponsoring opportunities for the PBP World Meeting?

Let's get in touch and find out what might be most suitable for your business development goals.

For more information on sponsoring options contact Anna to learn more about our sponsoring and tailor-made packages.

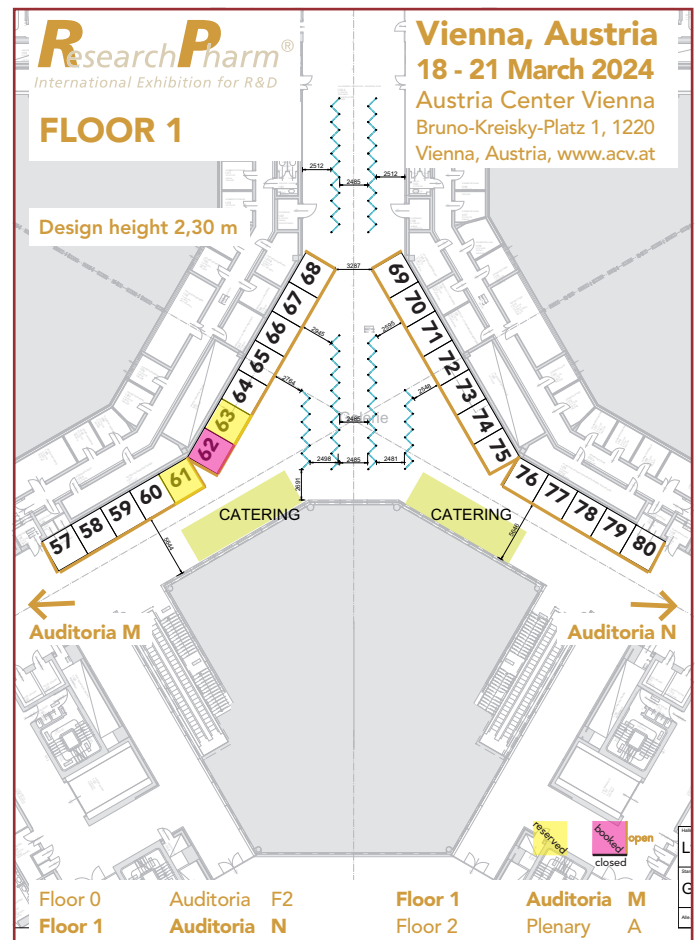
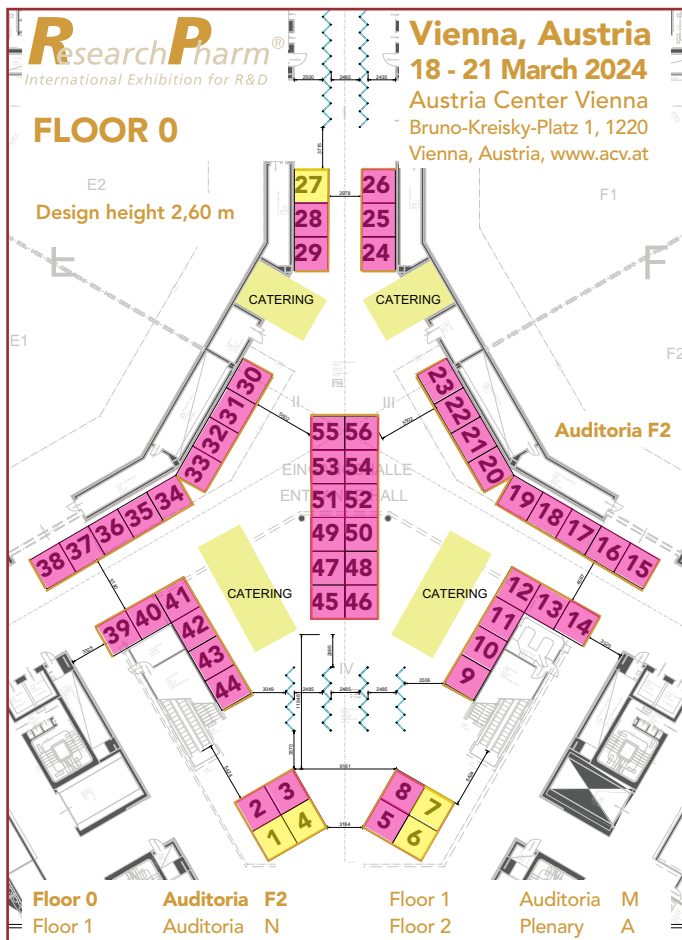
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Take advantage of this great event to showcase your company and your products to an international and very versatile audience!

FLOORPLAN



For the updated floorplan with available booths please visit our website:
www.researchpharm.org



Venue

ACV · Austria Center Vienna
Bruno-Kreisky-Platz 1 · 1220 Vienna · Austria
www.acv.at

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