

final announcement

# 12<sup>th</sup> World Meeting on Pharmaceuticals, Biopharmaceutics and Pharmaceutical Technology

# Vienna, Austria

23 - 26 March 2020

# PBP

## WORLD MEETING

in combination with

**R**esearch **P**harm<sup>®</sup>  
*International Exhibition for R&D*



[www.worldmeeting.org](http://www.worldmeeting.org)



# 12<sup>th</sup> World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology

## 23 to 26 March 2020, Vienna, Austria

In continuation of the very successful scientific meetings in Budapest, Paris, Berlin, Florence, Geneva, Barcelona, Malta, Istanbul, Lisbon, Glasgow and Granada, the 12<sup>th</sup> World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology will be held in Vienna, Austria in 2020.

This conference has gained an ever increasing impact among the pharmaceutical scientists: With more than 1000 submitted abstracts and more than 1300 participants 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 during 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 Pharmaceutics, 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 form of posters, allowing for successful 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 organizing committee cordially invites you to join the 12<sup>th</sup> World Meeting and would be glad to welcome you in Vienna, Austria!



Andrea Manfredi  
President ADRITELF



Juergen Siepmann  
President APGI



Joerg Breitkreutz  
President APV



# Programme

## Monday, 23 March 2020

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 - Engineering cancer immunotherapy  
 14:45 David J. Mooney, Harvard School of Engineering and Applied Sciences, Cambridge, USA

### 14:45 - 15:30 Coffee break/exhibition

### Hot topic session

- 15:30 - Digital assistant to support drug product development  
 16:10 Ferdinand Brandl, BASF, Ludwigshafen, German
- 16:10 - Advances in PLGA drug delivery system  
 16:50 Steven Schwendeman, Department of Pharmaceutical Sciences and the Biointerfaces Institute, University of Michigan, Ann Arbor, MI, USA
- 16:50 - Delivery of cannabinoids to and across the skin  
 17:30 Elka Touitou, Hebrew University of Jerusalem, Israel

### 17:30 - 19:00 Welcome reception

- 09:40 - Physically triggered local delivery of liposomes or local delivery via hydrogels to potentialize cancer therapies  
 10:20 Nathalie Mignet, Chemical and Biological Technologies for Health, UTCBS, Université de Paris, CNRS, INSERM, France
- 10:20 - Hyperloaded polymeric micelles for chemo- and immunotherapy  
 11:00 Alexander Kabanov, Eshelman School of Pharmacy at Chapel Hill, University of North Carolina, USA

### Invited talks: Solid dosage forms

- 09:00 - Adoption of the MCS concept in the pharmaceutical industry  
 09:40 Michael Leane, Bristol-Myers Squibb, New York City, USA/Anikó Szepes, F. Hoffmann-La Roche, Basel, Switzerland
- 09:40 - Process design for innovative drug delivery systems  
 10:20 Jukka Rantanen, Department of Pharmacy, University of Copenhagen, Denmark
- 10:20 - The importance of understanding the physical and chemical properties of APIs in the digital design of drug products  
 11:00 Kevin Roberts, Faculty of Engineering, University of Leeds, United Kingdom

### Short talks: Controlled drug delivery

- 09:00 - Design and control of a floating gastroretentive drug delivery system made by hot-melt tube extrusion  
 09:20 Paul Bebernik, University of Bonn, Germany
- 09:20 - A new calcium oral-controlled-release system based on zeolite for prevention of osteoporosis  
 09:40 Ylenia Zambito, University of Pisa, Italy
- 09:40 - Spray dried microparticulate drug delivery systems for long-term local osteoarthritis treatment  
 10:00 Carlota Salgado, University of Geneva, Switzerland
- 10:00 - Tuning the mechanical poreproperties and release profile on an antimicrobial peptide from an injectable hydrogel using glycol chitosan  
 10:20 James Flynn, University of Limerick, Ireland
- 10:20 - Development of N-acetylcysteine-functionalized microcontainers for degradation of biofilm matrix  
 10:40 Stine Egebro Birk, Technical University of Denmark, Lyngby, Denmark
- 10:40 - SymBiosys® based long acting injectable miroparticle formulations for large proteins  
 11:00 Tanja Henzler, Merck, Darmstadt, Germany

## Tuesday, 24 March 2020

09:00 – 11:00	Invited talks	Short talks	Posters	Exhibition
11:00 – 11:30	Coffee break			
11:30 – 13:00	Award session and Plenary lecture			
13:00 – 15:00	Lunch			
15:00 – 17:00	Invited talks	Short talks		
17:00 – 18:00	Students meets industry			

### Invited talks: What's new in nanotechnology?

- 09:00 - What's needed in nanomedicine?  
 09:40 Twan Lammers, Department Nanomedicines and Theranostics, RWTH, Aachen University, Germany





# Programme

## Short talks: Pulmonary, nasal and buccal delivery

- 09:00 - 09:20 High potency, brittle matrix tacrolimus powders for dry powder for inhalation by thin film freezing  
Sawittree Sahakijpijarn, University of Texas at Austin, USA
- 09:20 - 09:40 Delivery of beclomethasone dipropionate nanosuspensions via electronic cigarette  
Luca Casula, University of Cagliari, Italy
- 09:40 - 10:00 P. aeruginosa biofilm infected bronchial epithelium as test-system for anti-infective aerosol formulations  
Justus Constantin Horstmann, Saarland University, Saarbrücken, Germany
- 10:00 - 10:20 Evaluation of a novel probiotic nasal spray in human volunteers  
Katarina Jokicevic, University of Antwerp, Belgium
- 10:20 - 10:40 Nanofibers with antibiotics and probiotics for the two-stage therapy of periodontal disease  
Spela Zupancic, University of Ljubljana, Slovenia
- 10:40 - 11:00 Mucoadhesive films to elicit nanoparticle buccal permeation  
Javier Morales, University de Chile, Santiago, Chile

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

## 11:30 - 13:00 APGI award session and plenary lecture

Advances in nanotechnology  
Patrick Couvreur, Faculty of Pharmaceutical Sciences, Paris Sud University, France

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

## Invited talks: Advanced therapeutic products: an industrial perspective

- 15:00 - 15:40 Formulation approaches for cell and gene therapies  
Chris Van der Walle, MedImmune, Cambridge, United Kingdom
- 15:40 - 16:20 Lentiviral vector-based medicines from concept to market  
James Miskin, Oxford Biomedica, United Kingdom
- 16:20 - 17:00 Biodrugs and advanced therapy medicinal products: a revolution in medicine  
Maria Luisa Nolli, NCNbio, Milan, Italy

## Invited talks: 3D-printing

- 15:00 - 15:40 3D-printing of medicines and implants: making the formulations work  
Clive Roberts, School of Pharmacy, University of Nottingham, United Kingdom
- 15:40 - 16:20 3D-printing of medicines at the point of care: fantasy or the future?  
Matthew Peak, Alder Hey Children's Hospital, Liverpool, United Kingdom
- 16:20 - 17:00 3D printing in an industrial GMP setting  
Jaedeok Yoo, Aprelia Pharmaceuticals, Blue Ash, OH, USA

## Short talks: Preformulation and bioavailability

- 15:00 - 15:20 In situ drug amorphization using laser irradiation  
Nele-Johanna Hempel, University of Copenhagen, Denmark
- 15:20 - 15:40 In-depth exploration of the intensified vibratory mill: a modern design of experiments approach  
Elene De Cleyn, KU Leuven, Belgium
- 15:40 - 16:00 Evaluation of different preprocessing methods of x-ray micro computed tomography images  
Sebastian Bollmann, University of Düsseldorf, Germany
- 16:00 - 16:20 Preliminary experimental and numerical studies of the cohesion of pharmaceutical particles of wet granules  
Maroua Rouabah, Claude Bernard University Lyon 1, France
- 16:20 - 16:40 Amorphous drug-polyelectrolyte nanoparticle complex as a solubility enhancement strategy of poorly-soluble drugs  
Kunn Hadinoto, Nanyang Technological University, Singapore
- 16:40 - 17:00 Insight into amorphous solid dispersion dissolution behaviour: laser-diffraction and Raman spectroscopy holding hands  
Maria Paisana, Hovione FarmaCiencia, Lisbon, Portugal

## Short talks: Tablets and coated tablets

- 15:00 - 15:20 Profiling the influence of process parameters on the interfacial properties of bilayer tablets  
Jan Hendrik Finke, Technical University of Braunschweig, Germany
- 15:20 - 15:40 Evaluation of the performance of an external lubrication system implemented in a compaction simulator  
Cedrine de Backere, Ghent University, Ghent, Belgium

# Programme

- 15:40 - 16:00 Influence of the unloading conditions on capping and lamination during tableting: numerical and experimental study  
Vincent Mazel, University of Bordeaux, France
- 16:00 - 16:20 Alternatives for TiO<sub>2</sub> in coating formulations  
Juliana Radtke, University of Düsseldorf, Germany
- 16:20 - 16:40 High solids film coating systems: continuous vs. batch processing  
Christian Mühlenfeld, Ashland Industries Deutschland GmbH, Düsseldorf, Germany
- 16:40 - 17:00 Process investigation in a lab-scale fluid-bed  
Anna Pennemann, Technical University of Dortmund, Germany

- 09:40 - 10:20 Biological barriers to oral delivery of macromolecules  
Caitriona O'Driscoll, School of Pharmacy, University of Cork, Ireland
- 10:20 - 11:00 The virtual patient and the in-silico design of solid dosage forms  
Hans Leuenberger, College of Pharmacy, University of Florida, Lake Nona Medical Campus, Orlando, FL, USA

## Short talks: Nanotechnology

- 09:00 - 09:20 Heterotelechelic polymer prodrug nanoparticles for imaging and combination therapy  
Julien Nicolas, University Paris-Sud, France
- 09:20 - 09:40 Enhanced performance of lipid nanocapsule formulations of NIR-emitting conjugated polymers for optical and photoacoustic imaging  
Paola Modicano, University of Halle-Wittenberg, Germany
- 09:40 - 10:00 Antiangiogenic folate-targeted nanoparticles for docetaxel delivery in ovarian cancer  
Claudia Conte, University of Naples Federico II, Italy
- 10:00 - 10:20 Cellular and subcellular targeting of TRAP1 as a new therapeutic approach for cancer treatment  
Clelia Mathieu, Institute Galien - Paris Sud, France
- 10:20 - 10:40 Effects of cytokines release in tissue regeneration and cancer treatments  
Slivia Pisani, University of Pavia, Italy
- 10:40 - 11:00 Bacterial membrane vesicles as novel treatment avenue for intracellular infections  
Gregor Fuhrmann, HIPS, Saarbrücken, Germany

## Wednesday, 25 March 2020

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 – 02:00	Gala dinner at the Hofburg				

## Invited talks: Formulation issues for biotech drugs

- 09:00 - 09:40 Pellet freeze-drying of biopharmaceuticals  
Stefan Schneid, Bayer, Wuppertal, Germany
- 09:40 - 10:20 L-arginine-based protein formulations in freeze drying: opportunities and challenges  
Henning Gieseler, Department of Chemistry and Pharmacy, University Erlangen-Nürnberg, Germany
- 10:20 - 11:00 Biologics drug product development: challenges at the interface of formulation, primary packaging and application  
Susanne Jörg, Head Pharmaceutical Development, Lonza AG, Basel, Switzerland

## Invited talks: Oral drug delivery

- 09:00 - 09:40 Hydrophobic ion pairs: A game-changing approach for delivery of BCS class 3 drugs  
Andreas Bernkop-Schnürch, Faculty of Chemistry and Pharmacy, University of Innsbruck, Austria

## Short talks: Continuous manufacturing / Modeling and simulation

- 09:00 - 09:20 In-line measurement of granular size distribution in a continuous manufacturing line  
Annika Wilms, University of Duesseldorf, Germany
- 09:20 - 09:40 Continuous production of cyclodextrin-based reconstitution powder from aqueous solution using scaled-up electrospinning  
Panna Vass, Budapest University of Technology and Economics, Hungary
- 09:40 - 10:00 An in-silico workflow for designing a continuous mixing process with DEM simulations  
Peter Toson, RCPE, Graz, Austria

- 10:00 - Visualization of solvent effects on crystal surfaces by chemical force mapping - a combined experimental and simulation approach  
Mikkel Herzberg, University of Copenhagen, Denmark
- 10:20 - Predicting crystal breakage in pharmaceutical agitated dryers  
Francois Hallac, University of Leeds, UK
- 10:40 - CFD modeling on the hydrodynamics in the flow-through dissolution apparatus (UPS 4)  
11:00 Pracha Bunyawanchakul, Srinakharinwirot University, Nakhonnayok, Thailand

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

11:30 - 12:00 APV award session

#### Plenary lecture

- 12:00 - Pharmacomicrobiomics: drugs meet the human microbiome  
13:00 Christine Moissl-Eichinger, Medical University of Graz, Austria

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

#### Invited talks: Localised drug delivery

- 15:00 - Jumping to the brain: tailored nanomedicines  
15:40 Giovanni Tosi, University of Modena and Reggio Emilia, Italy
- 15:40 - Drug delivery to the eye and ear  
16:20 Amélie Bochot, School of Pharmacy, Institut Galien Paris-Sud, University of Paris Sud/Paris-Saclay, Châtenay-Malabry, France
- 16:20 - Inhaled chemotherapy: a new modality for lung cancer treatment?  
17:00 Nathalie Wauthoz, Université Libre de Bruxelles, Belgium

#### Invited talks: Amorphous drug delivery systems

- 15:00 - Rapidly advancement of poorly bioavailable compounds to the clinic  
15:40 David Lyon, Lonza, USA
- 15:40 - Hybrid mixtures: A perspective on amorphous solid dispersions in food applications  
16:20 Lennart Fries, Nestlé Research Center, Vevey, Switzerland
- 16:20 - The variability of the amorphous state in relation to processing  
17:00 Marc Descamps, University of Lille, France

#### Short talks: 2D- and 3D-printing

- 15:00 - Direct powder extrusion 3D-printing: novel technology for manufacturing amorphous solid dispersions  
15:20 Alvaro Goyanes, FabRx, London, UK
- 15:20 - Semi-solid extrusion and 3D-printing: successful duo for the production of personalized gastro-retentive formulations  
15:40 Paola Russo, University of Salerno, Fisciano, Italy
- 15:40 - Suitability of copovidone for selective laser sintering of pharmaceutical oral dosage forms  
16:00 Yanis Abdelhamid Gueche, University of Montpellier, France
- 16:00 - Direct-ink writing of implantable hybrid PCL/PEO drug delivery systems  
16:20 Se Hun Chung, University College London, UK
- 16:20 - Investigations on inkjet printed metoprolol tartrate orodispersible films for paediatric application  
16:40 Olga Kiefer, University of Düsseldorf, Germany
- 16:40 - Traceable personalized oral dosage forms containing cannabinoids  
17:00 Heidi Öblom, Abo Akademi University, Finland

#### Short talks: Transdermal delivery / Protein formulations

- 15:00 - A new approach to predict in vitro-in vivo correlation for transdermal therapeutic systems  
15:20 Dorothea Gutekunst, LTS Lohmann Therapie-Systeme, Andernach, Germany
- 15:20 - mRNA based skin vaccination by intradermal applications of lipid coated polymeric nanoparticles  
15:40 Lena Kliesch, HIPS, Saarbrücken, Germany
- 15:40 - Targeted iontophoretic delivery of an anti-EGFR monoclonal antibody to skin  
16:00 Maria Lapteva, University of Geneva, Switzerland
- 16:00 - A multi-method approach to assess self-interaction behaviour on infliximab as a model protein  
16:20 Martin Domnowski, LMU Munich, Germany
- 16:20 - Continuous alternative to freeze-drying: solid formulation of a monoclonal antibody using high-speed electrospinning  
16:40 Júlia Domján, Budapest University of Technology and Economics, Hungary

16:40 - A holistic approach to develop a spray-drying method for CXCL8  
17:00 Sonja Hartl, RCPE, Graz, Austria

20:00 - 02:00 Gala dinner at the Hofburg

## Thursday, 26 March 2020

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: In silico simulation for manufacturing processes

- 09:00 - Digitalization in pharmaceutical product and process design: from advanced simulations to virtual drug product development  
09:40 Johannes Khinast, Graz University of Technology, Austria
- 09:40 - Digital Process Design  
10:20 Sean Bermingham, Process System Enterprise (PSE), London, United Kingdom
- 10:20 - Modelling and simulation of fluid-bed processes  
11:00 Stefan Heinrich, Hamburg University of Technology, Germany

### Invited talks: Nanofabrication technologies

- 09:00 - Novel manufacturing for healthcare: microbubbles, particles, capsules and fibres  
09:40 Mohan Edirisinghe, Biomaterials Processing Laboratory, Department Mechanical Engineering, University College London, United Kingdom
- 09:40 - Advances in electrospinning  
10:20 Nalin de Silva, Department of Chemistry, University of Colombo, Sri Lanka
- 10:20 - Advanced in vitro lung-on-chip platforms for inhalation assays  
11:00 Josue Sznitman, Department of Biomedical Engineering, Israel Institute of Technology, Haifa, Israel

### Short talks: Processing and PAT

- 09:00 - Physical and chemical concerns for cryomilling as manufacturing technique to produce amorphous solid dispersions: effect on APIs and carriers  
09:20 Timothy Pas, KU Leuven, Belgium
- 09:20 - Production and downstream-processing of API-nanosuspensions  
09:40 Arno Kwade, Technical University of Braunschweig, Germany
- 09:40 - Improving particle size distributions in a conical mill through new impeller air flow optimization comparisons utilizing computational fluid dynamics (CFD) analysis and empirical DoE  
10:00 Wilf Sanguesa, Quadro Engineering, Ontario, Canada
- 10:00 - Process control of high shear melt granulation processes by inline particle size analysis  
10:20 Gerd Kutz, OWL University of Applied Sciences and Arts, Detmold, Germany
- 10:20 - Designing an at-line PAT tool - a fluid bed coating case study  
10:40 Jaspreet Arora, Lonza Pharma and Biotech, Bend, USA
- 10:40 - NIR as an in-line PAT tool to study desorption kinetics in spin freeze-dried formulations  
11:00 Laurens Leys, Ghent University, Belgium

### Short talks: Gene delivery and ATMP

- 09:00 - Formulation development to stabilize viral vectors  
09:20 Sabine Hauck, Leukocare, Munich, Germany
- 09:20 - Delivery of RNA in vivo using SS-cleavable and pH-responsive lipid-like materials  
09:40 Daniel Zucker, NOF Europe, Frankfurt, Germany
- 09:40 - Anti-EGFR nanovector of siRNA - a theranostic tool for triple negative breast cancer active targeting  
10:00 Phuoc Vinh Nguyen, Tours University, France
- 10:00 - siRNA in lung slices: knocking down fibrosis?  
10:20 Mitchel Ruigrok, University of Groningen, The Netherlands
- 10:20 - Lyophilization of human cells in presence of DMSO  
10:40 Ute Rockinger, LMU Munich, Germany
- 10:40 - MSC extracellular vesicles for treatment of alpha-1-antitrypsin deficiency pulmonary diseases  
11:00 Elia Bari, University of Pavia, Italy



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

11:30 - 12:00 ADRITELF award session

### Plenary lecture

12:00 - Oral drug delivery systems: from irrelevance  
13:00 to top-selling products and ongoing challenges

Andrea Gazzaniga, Biopharmaceuticals and Pharmaceutical Technology Laboratory, University of Milan, Italy

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

### Invited talks: Dermal and transdermal delivery

15:00 - Skin permeation from Pickering emulsions  
15:40 Marie-Alexandrine Bolzinger, Claude Bernard University Lyon, France

15:40 - Microarray patches for high-dose drug  
16:20 delivery: targeting global healthcare challenges  
Ryan F. Donnelly, School of Pharmacy, Queen's University Belfast, United Kingdom

16:20 - Improved vaccine immunogenicity through  
17:00 microneedle delivery  
Michael Schrader, Vaxess, Boston, MA, USA

### Invited talks: Continuous manufacturing

15:00 - Process development of the future: fully  
15:40 automated DoE process analysis in an integrated continuous manufacturing plant for solid oral dosage forms  
Victoria Pauli, Novartis, Basel, Switzerland

15:40 - Pfizer's „continuous“ journey - Implementing  
16:20 continuous manufacturing into a factory for solid dosage forms  
Clemens Stief, Pfizer, Freiburg, Germany

16:20 - Continuous manufacturing of solid dosage  
17:00 forms; opportunities and controversies  
Kendal Pitt, GlaxoSmithKline, Ware, United Kingdom

### Short talks: Advanced drug delivery

15:00 - Repurposing of cationic amphiphiles to  
15:20 promote cytosolic RNA delivery  
Koen Raemdonck, Ghent University, Belgium

15:20 - Antibody-functionalised electrosprayed  
15:40 microparticles for in-vivo T-cell activation  
Karolina Dziemidowicz, University College London, UK

15:40 - Intravitreal administration of bevacizumab:  
16:00 optimization of freeze-dried solid matrices  
Eleonora Terreni, University of Pisa, Italy

16:00 - FRET as a tool for monitoring polyplex  
16:20 assembly and for tracking its cellular fate  
Lorenz Iserl, LMU Munich, Germany

16:20 - A novel polyethylene glycol-based linker  
16:40 platform for the development of hydrophilic antibody-drug conjugates  
Gianfranco Pasut, University of Padova, Italy

16:40 - Microspheres with ultrahigh mass fraction of  
17:00 therapeutics inspired by pomegranate  
Wei Li, University of Helsinki, Finland

### Short talks: Oral drug delivery / Pediatric formulations

15:00 - Poly(ethylene oxide)-block-Poly( $\epsilon$ -  
15:20 Caprolactone) micelles for oral delivery of Cyclosporine A: a tissue distribution study  
Ziyad Binkhathlan, King Saud University, Riyadh, Saudi Arabia

15:20 - X-ray imaging of microrcontainers used for oral  
15:40 drug delivery  
Rolf B. Kjeldsen, Technical University of Denmark, Lyngby, Denmark

15:40 - Controlled permeability enhancement with  
16:00 short peptide inhibitors of protein kinase C zeta  
Joel Brunner, University of Geneva, Switzerland

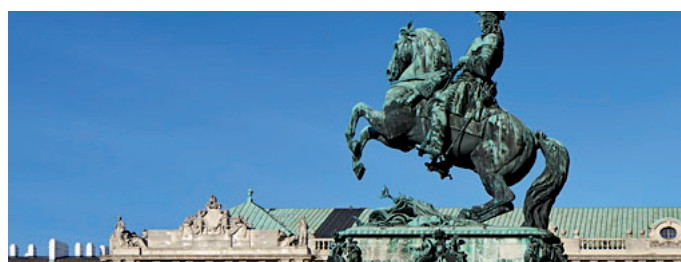
16:00 - A toolbox for mimicking gastrointestinal  
16:20 conditions in children: S(imulated) P(aediatric) B(reakfast) M(edial) for addressing the variability of gastric contents after typical paediatric breakfasts  
Lisa Freerks, University of Greifswald, Germany

16:20 - Design and evaluation of self-emulsifying drug  
16:40 delivery system for pediatric use  
Xiaona Liu, University of Copenhagen, Denmark

16:40 - Acceptability of antibiotics in pediatrics:  
17:00 findings from an international observational study  
Thibault Vallet, ClinSearch, Malakoff, France

17:00 End of conference

Programme subjected to be changed!





## Chairs and committees

### Chair of the conference

Eva Roblegg, University of Vienna/University of Graz, Austria

### Co-chairs of the conference

Jörg Breitzkreutz, University of Düsseldorf, Germany  
Anna Maria Fadda, University of Cagliari, Italy  
Jürgen Siepmann, University of Lille, France

### Chair of the programme committee

Duncan Craig, University College London, UK

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Maria Carafa, Sapienza University Rome, Italy  
Simon Geissler, Merck, Darmstadt, Germany  
Catherine Herry, Capsugel, Ploermel, France  
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Yukiyoshi Yamada, APPIE (Association of Powder Process Industry and Engineering), Japan  
Frédéric Zwahlen, GSIA, Switzerland

## Social programme

### Welcome reception

The welcome reception will be held on

**Monday, 23 March 2020 from 18:00 - 19:30 h.**

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

### Gala dinner

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

**from 19:45 h on Wednesday, 25 March 2020!**

The Hofburg is reachable 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.



With after show party until 02:00 h!

## ResearchPharm®

**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 stand at the ResearchPharm®. Just fill in the booking form, which you find on our homepage [www.researchpharm.org](http://www.researchpharm.org) and send it to us.

Your contact for further  
information is:

Heide Zweyer

+ 49 6131 97 69 90

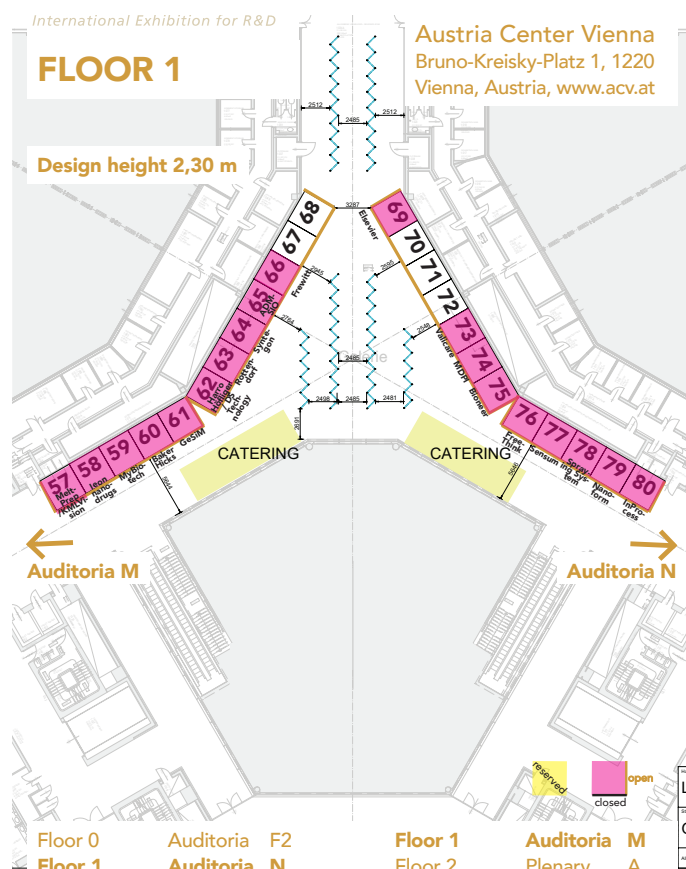
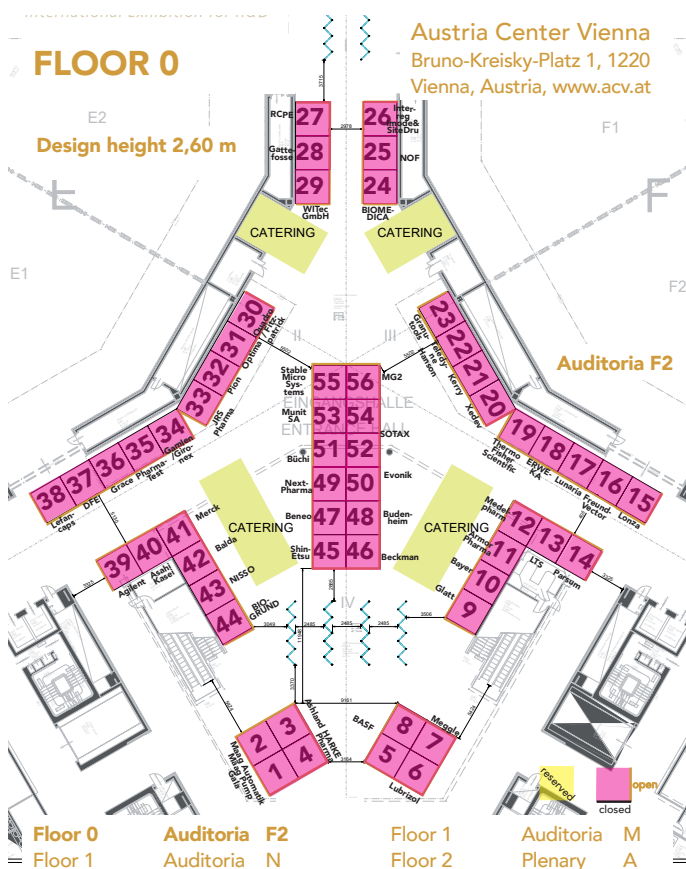
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Many thanks to our sponsors:**



as of December 2019

Current floor plan with available booths can be downloaded from our homepage:

[www.researchpharm.org](http://www.researchpharm.org)



## Venue

### ACV

Austria Center Vienna

Bruno-Kreisky-Platz 1

1220 Vienna

Austria

[www.acv.at](http://www.acv.at)

## Headquarter Hotel

### Lindner Hotel am Belvedere \*\*\*\*

Rennweg 12

1030 Vienna



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## Registration Fees

Full participation includes admission to scientific congress/exhibition, dinner event, welcome reception, coffee breaks and congress documentation consisting of a detailed printed programme and a menu-guided USB-Stick containing all abstracts.

Full participation		until 15 January 2020	from 16 January 2020
Student <sup>1</sup>	member <sup>2</sup>	240.00 € *	360.00 € *
	non-member	400.00 € *	520.00 € *
Academia	member <sup>2</sup>	520.00 € *	640.00 € *
	non-member	720.00 € *	840.00 € *
Industry	member <sup>2</sup>	1540.00 € *	1690.00 € *
	non-member	1940.00 € *	2090.00 € *

\* price excl. Austrian VAT

### Day ticket (not available for student registration):

Day ticket: 50 % of the corresponding full-participation fee. Day tickets include admission to the scientific congress/exhibition for the corresponding day. It does not include admission to social events.

### Accompanying persons

Tickets for the welcome reception and the dinner event for accompanying persons are available for 96.00 € excl. Austrian VAT for both events and can be ordered online.

<sup>1</sup> Students are requested to send a copy of their valid student card/pass or a written confirmation of their supervisor. Student rate is only available for full time students.

<sup>2</sup> Members of all participating societies are requested to upload a membership proof (copy of membership card or membership invoice) to qualify for membership fee.

### Media Partner



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