

# Formulating better medicines for children

Meeting the needs of the children

## 9<sup>th</sup> conference of the European Paediatric Formulation Initiative

A conference organised by the International Association for Pharmaceutical Technology (APV)  
in partnership with the European Paediatric Formulation Initiative (EuPFI)

19 to 21 September 2017, Warsaw, Poland · Course No. 6696



### Preconference Workshops

Workshop 1: A 'taster' session on designing taste-masked oral paediatric formulation prototypes and how to plan their palatability assessment

Workshop 2: Biopharmaceutics evaluation of food effects in paediatric medicines development for products co-administered with food

### Soap box sessions – Poster session – Exhibition

Join us again for another informative and interactive conference on formulating better medicines for children.



International Association for Pharmaceutical Technology

# Formulating better medicines for children

Meeting the needs of the children

Dear Colleagues,

We are pleased to announce that the 9<sup>th</sup> EuPFI annual conference will take place on the 20 - 21 September 2017 in Warsaw, Poland. This conference series is the ideal forum to learn, grow and to be inspired on the development of age appropriate dosage forms.

Marking the 10<sup>th</sup> anniversary of the Paediatric Regulation and foundation of EuPFI consortium, this year's conference will be an opportunity to gather together to reflect back on the past decade of paediatric formulations, to celebrate accomplishments, to welcome new researchers and enriching networking opportunities and to consider how novel and emerging technologies will yield further insights into what the future may bring. Therefore, the programme is devised to include talks on '10 Years of European Paediatric Regulation and Formulation', Scoping the needs for paediatric formulation of old medicine, Lessons learned from acceptability and palatability studies in PIPs and MAA and so on.

The thematic sessions (posters, podium presentations, innovation show cases, etc) range from administration devices, biopharmaceutics, taste masking and taste testing, age appropriateness of formulations to pharmaceutical excipients, without forgetting about the need for developing countries. You will hear about the strategies to successfully taste mask medications: a case example with TB drugs, an overview on system for dosing and dispensing multiparticulate formulations of pediatric drugs, use of colorants in paediatric medicines, lessons learned from paediatric fixed dose combination dispersible tablets for tuberculosis and much more... We encourage you to explore the EuPFI website which contains all the information you need to submit your abstracts.

Take advantage of the pre-conference workshops to advance your knowledge in developing paediatric formulations. The two pre-conference workshops offer highly interactive and focused sessions for participants new to the topic or who want to consolidate their knowledge on 1) Biopharmaceutics evaluation of food effects in paediatric medicines development for products co-administered with food and 2) A 'taster' session on designing taste-masked oral paediatric formulation prototypes and how to plan their palatability assessment. These educational sessions are prelude to main conference and are not included in the conference.

Various refreshments breaks and a social evening will provide plenty of opportunities for networking, making valuable new contacts and reconnecting with old friends. EuPFI's Annual conference is the perfect size to provide you with personal interactions with speakers.

We do hope that you will be able to join us for what promises to be another successful conference. We are looking forward to welcoming you in Warsaw, the amazing city, that survived its tumultuous and complex past, full of contrasts with diverse architecture: restored Gothic, communist concrete, modern glass and steel. A gritty city that knows how to surprise you.

---

**Catherine Tuleu, UCL School of Pharmacy, London, United Kingdom**  
**Jörg Breitzkreutz, Heinrich Heine University, Düsseldorf, Germany**

The European Paediatric Formulation initiative (EuPFI) is a consortium of members working in a pre-competitive way on paediatric drug formulations. It was founded in 2007 with the aim of raising awareness of paediatric formulation challenges. Members are from academia, hospitals and the pharmaceutical industry (innovators, generics, CROs, specials and excipient manufacturers), with EMA as a continuous observer. The main objective of the EuPFI is to resolve scientific, technological and regulatory issues associated with paediatric formulation development by writing reflection papers, organising conferences, developing knowledge repositories and promoting dialogue through its website. Currently, there are five EuPFI workstreams, covering pharmaceutical excipients, age appropriateness of formulations, taste masking and taste assessment methods, biopharmaceutics, and administration devices.

Mainz, March 2017



## Programme

### PRECONFERENCE WORKSHOP

**Tuesday, 19 September 2017, 15:30 to 19:00**

**Workshop 1: A 'taster' session on designing taste-masked oral paediatric formulation prototypes and how to plan their palatability assessment**

David Clapham, Consultant, UK,  
Catherine Tuleu, University College London, School of Pharmacy, UK  
Jenny Walsh Jenny Walsh Consulting Ltd., UK  
Anne-Marie Pensé-Lhéritier, Ecole de Biologie Industrielle, France

**Workshop 2: Biopharmaceutics evaluation of food effects in paediatric medicines development for products co-administered with food**

Hannah Batchelor, University of Birmingham, UK

### Swap over and settling

**Workshop 1: A 'taster' session on designing taste-masked oral paediatric formulation prototypes and how to plan their palatability assessment**

David Clapham, Consultant, UK,  
Catherine Tuleu, University College London, School of Pharmacy, UK  
Jenny Walsh Jenny Walsh Consulting Ltd., UK  
Anne-Marie Pensé-Lhéritier, Ecole de Biologie Industrielle, France

**Workshop 2: Biopharmaceutics evaluation of food effects in paediatric medicines development for products co-administered with food**

Hannah Batchelor, University of Birmingham, UK

### Wrap-up and discussion

### Networking dinner

**Wednesday, 20 September 2017, 08:30 to 18:00**

### Set-up and poster mounting

#### Welcome and Introduction

Catherine Tuleu, Chair of EuPFI, UCL School of Pharmacy, London, UK  
Jörg Breikreutz, Heinrich-Heine-University, Düsseldorf, Germany

**PLENARY 1: 10 years of European paediatric regulation and formulation: any news?**

Sandrine Chiappini, EMA, UK

**PLENARY 2: Off patent of the radar? Scoping the needs for paediatric formulation of old medicine**

Catherine Litalien, The Rosalind & Morris Goodman Family Pediatric Formulations Centre of the CHU Ste-Justine, Canada

### Morning break, exhibition and poster presentations

#### Focus Session: Taste masking and taste testing

Chair: David Clapham, Consultant, UK

**TB Alliance and PepsiCo partnership: leveraging shared expertise to help eliminate unpleasant taste of TB medicines**

Rajneesh Taneja, TB Alliance, US (Speaker requested)

**Pharmaceutical cocrystals: recent advances, current challenges and unrealised opportunities in paediatric drug formulation**

Dejan-Krešimir Bucar, University College London, UK

### Discussion

### Soapbox Session I

### Lunch, exhibition and poster presentations

**PLENARY 3: The birth of PaedForm: a pan-European Paediatric Formulary by EDQM**

Jörg Breikreutz, Heinrich-Heine-University Düsseldorf, Germany

**Focus session: Administration devices**  
Chair: Jenny Walsh, Jenny Walsh Consulting Ltd., UK

**And the winner of the Open Innovation Device Challenge: System for dosing and dispensing multiparticulate formulations of pediatric drugs is...**  
Jeremy.A. Bartlett, Pfizer, US

**3D printing spoons for responsive dosing: how to individualise minitables administration**  
(Speaker requested)

Discussion

Afternoon break, exhibition and poster presentations

Soapbox Session II

**Focus Session: Age appropriateness of formulations**  
Chair: Fang Liu, University of Hertfordshire, Hatfield, UK

**Success/pitfalls of dispersible tablets in developing countries: lessons learned from PAEDS TB FDC dispersible tablets**  
Brenda Waning, Stop TB Partnership, Switzerland

Discussion

Housekeeping

Networking dinner and city tour

**Thursday, 21 September, 2017, 08:30-15:30**

**Brief introduction Day 2 / Housekeeping**  
Catherine Tuleu  
Jörg Breitzkreutz

**PLENARY 4: 3D printing: the future of patient centric manufactured medicine and clinical phase appropriate products?**  
Simon Gaisford, University College London, School of Pharmacy, and FabRx, UK (Speaker requested)

**Focus session: Excipients**  
Chair: Smita Salunke, University College London, School of Pharmacy, EuPFI, UK

**Safety assessment of excipients –an industry view**  
Jim Ridings, GlaxoSmithKline, UK

**The Use of colours in medicines**  
Gary Inwards, MHRA, UK

Discussion

Innovation Show Cases

Morning break, exhibition and poster presentations

Soapbox Session III

Case Studies:

**Acceptability and palatability studies in PIPs and MAA**  
Nasir Hussain (Pharmaceutical Assessor Special Populations (Paediatric Unit), MHRA, UK

**Infacort®: A PUMA application success story**  
Martin Whitaker, The University of Sheffield, UK

Lunch, exhibition and poster presentations

**Focus Session: Biopharm**  
Chair: Hannah Batchelor, University of Birmingham, UK

**The gastrointestinal environment in paediatrics: what do we (not) know?**  
Jens Van Den Abeele, Leuven

**Biopharmaceutics evaluation of solid dispersion-based paediatric dosage forms – The new frontier**  
Henry Yunhui, Wu, Merck, US (Speaker requested)

Discussion

Conference Wrap-up and discussion

Programme is subject to change

## Important Dates

Important dates and call for abstracts – 6 June 2017 submission deadline for oral and poster presentations

Notification of acceptance – 3 July 2017

Conference early bird registration – 15 July 2017

For more information go to [www.eupfi.org](http://www.eupfi.org)

## Topics for oral and poster presentations

1. Excipients
2. Taste assessment and taste masking (TATM)
3. Administration devices
4. Modification of dosage forms required for children
5. Age appropriateness of Formulations
6. Formulating paediatric medicines for developing countries
7. Lessons learned from PIP submissions
8. Biopharmaceutics



## Exhibition and Sponsoring

We are glad to tailor a sponsor package (starting from 1000 EUR) according to your wishes.

**For general information, please go to [www.apv-mainz.de/en/seminare/sponsoring-exhibition/](http://www.apv-mainz.de/en/seminare/sponsoring-exhibition/)**

As an exhibitor you will be also invited to attend the sessions and the networking dinner in the evening. At the conference center the poster presentations will again be integrated in the exhibition, ensuring that participants are around the exhibition stands as much as possible. Price for a tabletop space with table, chairs and power supply is 990 EUR plus one mandatory full conference registration (register before 15 July 2017, to take advantage of the early bird fee!).

## Exhibitors

**Please contact Antonia Herbert**

Phone +49 6131 9769-90

e-mail [ah@apv-mainz.de](mailto:ah@apv-mainz.de)



## Date

Course no. 6696

from 19 September 2017 15:30  
to 21 September 2017 15:30

Registration times for workshop participants:  
19 September 2017 15:00

Registration times for conference participants:  
20 September 2017 08:00

Set up and poster mounting times:  
20 September 2017 08:30

## Location

BIOLOGICAL and CHEMICAL RESEARCH CENTRE  
UNIVERSITY of WARSAW

st. Żwirki i Wigury 101  
02-089 Warsaw  
www.cnbch.uw.edu.pl

Mainz, March 2017

## Hotel reservation

Sound Garden Hotel

Żwirki i Wigury 18  
02-092 Warszawa  
Phone: +48 22 279 14 00  
www.soundgardenhotel.pl/en

Special rate: Single room incl. breakfast buffet from  
95,00 EUR per night. Deadline for special conference rate: 18 August 2017.

DoubleTree by Hilton Hotel & Conference Centre  
Warsaw

Skalnicowa Street 21  
04-797 Warsaw  
Phone: +48 22 27 800 00  
www.doubletreewarsaw.pl

Special rate: Single room incl. breakfast buffet from  
110,00 EUR per night. Deadline for special conference rate: 7 August 2017.

## Conference Secretariat

For organisational questions

International Association for  
Pharmaceutical Technology (APV)  
Kurfuerstenstraße 59  
55118 Mainz, Germany  
Phone: +49 6131 9769-0  
Fax: +49 6131 9769-69  
e-mail: apv@apv-mainz.de  
www.apv-mainz.de

For scientific questions

EuPFI  
UCL School of Pharmacy  
29-39 Brunswick square  
London WC1N 1AX  
Phone: +44 20 7753 5846  
Fax: +44 20 7753 5942  
e-mail: admin@eupfi.org  
www.eupfi.org

Register by 15 July 2017 to take advantage of the early bird fee

Non-Member (non academic, non governmental)  
Member of EuPFI (non academic, non governmental)  
Non-Member (academic, governmental)  
Member of EuPFI (academic, governmental)  
Students (please enclose evidence)

### Workshop prices additional to registration fee:

Non-Member + Member EuPFI (non academic, non governmental)  
Non-Member + Member of EuPFI (academic, governmental)  
Students (please enclose evidence)

Do you want to participate in the Workshops: yes  no

Course no. 6696

## Formulating better medicines for children in Warsaw, Poland, 19 to 21 September 2017

Title, First Name, Name

Company/institution name

Company/institution address

Phone

Fax

e-mail address participant

Order no.

Position in Company/institution

Department

EuPFI member

Non-member

Date

Signature

Early bird	Full fee
1225 EUR	1325 EUR
1095 EUR	1195 EUR
525 EUR	575 EUR
460 EUR	510 EUR
230 EUR	270 EUR
330 EUR	380 EUR
180 EUR	205 EUR
90 EUR	115 EUR

## Registration

All correspondence regarding the conference should be addressed to:

APV  
Kurfuerstenstraße 59  
55118 Mainz/Germany  
Phone: +49 6131 9769-0  
Fax: +49 6131 9769-69  
e-mail: apv@apv-mainz.de  
www.apv-mainz.de

You will receive a confirmation of your registration with the invoice.

pay via invoice  
 pay via credit card (fill in below)

Visa  
 Mastercard  
 Amex

Card holder: \_\_\_\_\_  
Card no.: \_\_\_\_\_  
Valid until: \_\_\_\_\_  
CVC code: \_\_\_\_\_