

# Formulating better medicines for children

Meeting the needs of the children

## 10<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)

11 - 13 September 2018 · Course No. 6729

BMA House, London, United Kingdom



### Preconference Workshops

Workshop 1: Placeboceutical: Formulation challenges in paediatric clinical trials

Workshop 2: Best practices for selection of excipients for paediatrics

**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



## Programme

### PRECONFERENCE WORKSHOP

**Tuesday, 11 September 2018, 14:30 - 18:00**

#### Workshop 1: Placeboceutical: Formulation challenges in paediatric clinical trials

Mandy Wan, NIHR CRN: Children, United Kingdom

**Moderator:** Hannah Batchelor, University of Birmingham, United Kingdom

#### Workshop 2: Best practices for selection of excipients for paediatrics

Kevin Hughes, Colorcon, IPEC, United Kingdom

#### Moderators:

Anjali Agarwal - Celgene Corporation, United States

David Clapham – Consultant, United Kingdom

Smita Salunke – EuPFI, University College London School of Pharmacy, United Kingdom

### Swap over and settling

#### Workshop 1: Best practices for selection of excipients for paediatrics

Kevin Hughes, Colorcon, IPEC, United Kingdom

#### Moderators:

Anjali Agarwal - Celgene Corporation, United States

David Clapham – Consultant, United Kingdom

Smita Salunke – EuPFI, University College London School of Pharmacy, United Kingdom

#### Workshop 2: Placeboceutical: Formulation challenges in paediatric clinical trials

Mandy Wan, NIHR CRN: Children, United Kingdom

**Moderator:** Hannah Batchelor, University of Birmingham, United Kingdom

### Wrap-up and discussion

**Networking drinks reception starting at 18:00 h**

**Wednesday, 12 September 2018, 08:30 - 18:30**

### Set-up and poster mounting

#### Welcome and Introduction

Catherine Tuleu, University College London, School of Pharmacy, United Kingdom

Sandra Klein, Ernst Moritz Arndt University Greifswald, Germany

#### PLENARY 1: 10yrs of EuPFI - historical review and a prospective glance

Catherine Tuleu, University College London, School of Pharmacy, London, United Kingdom

#### PLENARY 2: Ten years of the paediatric regulation

Rosalind Smyth, Great Ormond Street Institute of Child Health, United Kingdom

#### PLENARY 3: Young people's voices in paediatric drug development

Jenny Preston, NIHY, Alder Hey Clinical Research Facility, United Kingdom

### Morning break, exhibition and poster presentations

#### QUESTION TIME: a round table led children and young people with patients/carers, industry, academia and regulators

#### Focus Session: Age appropriateness of formulations

Chair: Fiona O'Brien, Royal College of Surgeons in Ireland, Ireland

#### Swallowability Studies in the Real World – Challenges and Successes

Matthew Peak, Alder Hey Children's NHS Foundation Trust, United Kingdom

#### Age-Appropriate Formulations – 10 yrs down the lane-Terry Ernest, GlaxoSmithKline, United Kingdom

### Discussion

### Lunch, exhibition and poster presentations

### Soapbox Session I

#### Printing paediatric dosage forms precisely: layer by layer

Ilias El Aita, University Duesseldorf, Germany

#### Antibiotics acceptability: contrasting effects of aromas on girls and boys

Thibault Vallet, ClinSearch, France

Evaluating the age-appropriateness of patient-reported outcome measures for the acceptability of a novel microinjection device in children and young people  
Louise Bracken, Alder Hey Children's NHS Foundation Trust, Liverpool

**PLENARY 4: Milk as an excipient – new insights into nanostructure formation during digestion and drug delivery**  
Ben Boyd, Monash University, Australia

### Afternoon break, exhibition and poster presentations

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

**Pediatric Dosing Device Contextual Inquiry**  
Paul Blowers, AbbVie, United States  
Katie Hansbro, Design Science, United States

**Novel polymeric microneedle platforms and their potential impact on paediatric population**  
Aaron Courtenay, Queens University Belfast, United Kingdom

Discussion

### Soapbox Session II

**Feasibility of miniaturized tablets as a flexible solid dosage form**  
Biplob Mitra, Celgene Corporation, United States

**Medication administration to children: the caregiver perspective**  
Danielle McDonald, Rutgers University, United States

**Quantification and determination of the distribution of fluid in the paediatric Gastrointestinal (GI) Tract through analysis of small bowel MRI**  
Eleni Papadatou Solou, University of Birmingham, United Kingdom

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

**Paediatric drug development: towards maturity. Desmopressin as a case**  
Elke Gasthuys, Ghent University, Belgium

**Challenges in formulation development of a compound indicated for paediatric infectious disease**  
Jens Ceulemans, Janssen, Belgium

Discussion

Housekeeping

**Networking cruise dinner with musical entertainment starting at 19:00 h**

## Thursday, 13 September 2018, 08:30-16:00

**Brief introduction Day 2 / Housekeeping**  
Catherine Tuleu, University College London, School of Pharmacy, United Kingdom  
Sandra Klein, Ernst Moritz Arndt University Greifswald, Germany

**PLENARY 5: International chapter on paediatric formulations: Pediatrics in global health from BMGF's perspective**  
Niya Bowers, Bill & Melinda Gates Foundation, United States

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

**Development of innovative excipients with paediatric relevance**  
Johann-Philipp Hebestreit, BASF, Germany

**Practical regulatory approach on excipients in paediatrics**  
Brian Aylward, Health Products Regulatory Authority, Dublin

Discussion

### Soapbox Session III

**Orodisoersible films with absorbents for pharmaceutical inkjet printing**  
Olga Kapelnikova, Heinrich Heine University, Germany

**Rat brief-access taste aversion (BATA) test predicts human perception of bitter medicines: Comparison of data from two laboratories**  
Robert Ives, GlaxoSmithKline, United Kingdom

### Morning break, exhibition and poster presentations

#### Innovation Showcase

**Children want films- oral thin films rather than conventional dosage forms**  
Ahmad Ghoniem, tesa Labtec, Germany  
Viviane Klingmann, University Children's Hospital Duesseldorf, Germany

**Accurate dosing and delivery of multiparticulate using symphyng**  
Michael Quinn, HS Design Inc., New Jersey

**Microcaps® Taste Masking Technology is a patient-centric approach to optimize medicine acceptance and adherence in pediatric patient populations**  
Luigi Boltri, Adare Pharmaceuticals, Italy

#### Case Studies

**Toward harmonized acceptability assesment in clinical trials - experience from an EMA qualification process**  
Fabrice Ruiz, ClinSearch, France

**Uncovering the current practices of pediatric CMC developement proposal from PIP/ PSP - A survey of IQ-EuPFI companies**  
Floriane Sequier, AstraZeneca, United Kingdom

#### Announcement of PCCA winners/Travel award winners

## Lunch, exhibition and poster presentations

PLENARY 6: Collaborative R&D (SPaeDD-UK) - "playing nicely in the sandpit!"

Alastair Coupe, Pfizer, United Kingdom

Focus Session: Taste masking and taste testing

Chair: David Clapham – Consultant, United Kingdom

An industrial point of view on palatability testing and paediatric development

Leonie Wagner-Hattler, Roche, Switzerland

Crossmodal Research and emerging technologies digitizing senses – what is the learning for pharma?  
Charles Spence, University of Oxford, United Kingdom

Discussion

Conference Wrap-up and discussion

*Programme is subject to change*

## Topics for oral and poster presentations

1. Excipients
2. Taste assessment and taste masking
3. Administration devices
4. Age appropriateness of Formulations
5. Formulating paediatric medicines for developing countries
6. Lessons learned from PIP submissions
7. Biopharmaceutics



## Sponsor Networking Dinner Cruise



## Exhibitors



## Date

Course no. 6729

from 11 September 2018 14:30  
to 13 September 2018 16:00

Registration times for workshop participants:  
11 September 2018 14:00

Registration times for conference participants:  
12 September 2018 08:00

Set up and poster mounting times:  
12 September 2018 08:30

## Hotel recommendation

### Royal National Hotel

38-51 Bedford Way, Bloomsbury, London WC1H 0DG, [www.imperialhotels.co.uk/en/royal-national](http://www.imperialhotels.co.uk/en/royal-national)

### Ambassadors Bloomsbury

12 Upper Woburn Pl, Bloomsbury, London WC1H 0HX, [www.ambassadors.co.uk](http://www.ambassadors.co.uk)

### Holiday Inn London Bloomsbury

Coram St, Bloomsbury, London WC1N 1HT  
[www.ihg.com/holidayinn/hotels/gb/en/london/lonbl/hoteldetail](http://www.ihg.com/holidayinn/hotels/gb/en/london/lonbl/hoteldetail)

For up-to-date information please go to the respective hotel website.

## Location

### Preconference workshop venue

University College London  
School of Pharmacy  
29-39 Brunswick Square  
Bloomsbury  
London WC1N1AX  
United Kingdom

### Conference venue

BMA House  
Tavistock Square  
London WC1H9JP  
United Kingdom

## 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](mailto:apv@apv-mainz.de)  
[www.apv-mainz.de](http://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](mailto:admin@eupfi.org)  
[www.eupfi.org](http://www.eupfi.org)

Mainz, March 2018

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. 6729

## Formulating better medicines for children

in London, United Kingdom, 11 to 13 September 2018

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

### Full fee

1325 EUR

1195 EUR

575 EUR

510 EUR

270 EUR

380 EUR

205 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](mailto:apv@apv-mainz.de)  
[www.apv-mainz.de](http://www.apv-mainz.de)

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

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