

Formulating better medicines for children

Meeting the needs of children

16th 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

17 - 19 September 2024 · Course no. 7000 · Rotterdam, The Netherlands



Preconference workshops – Plenaries – Soap box sessions –
Case studies – Poster session – Exhibition

EuPFI welcomes to the annual conference and is excited to see you again at another informative and interactive conference on formulating better medicines for children.

PCCA awards – Young scientist award– Best Posters awards



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Dear Colleagues,

Join us for the 16th Annual Conference of the European Paediatric Formulation Initiative (EuPFI), #EUPFI2024, in September 2024 where the forefront of paediatric research and drug development converges. This unique event brings together students, researchers, and scientists to share groundbreaking ideas and innovations to continue and accelerate the journey towards the next generation of paediatric drug product.

Mark the date in your diary as we eagerly anticipate hosting you at #EUPFI2024, where the pursuit of a healthier future for our children takes centre stage.

We're thrilled to announce that this year, **our beginner workshop will be conducted online!** This move aims to support new conference attendees or those new to the field, to get up to speed for the main event.

European Paediatric Formulation Initiative (EuPFI) (<http://www.eupfi.co.uk>) is a consortium founded in 2007 and is dedicated to playing the role of a catalyst in the development of new approaches that advance innovation and regulatory science in paediatric drug development.

The primary goal of EuPFI is to promote and facilitate the preparation of better and safer medicines for children. Today, EuPFI is globally recognized as the unique network in Europe that brings together key expertise in paediatric drug development from the large and small pharma companies, specialist CMO/SMEs, academic partners, consultants and clinicians to proactively identify and discuss the critical paediatric formulation and development challenges and opportunities.

It seeks to provide the knowledge to fill the gaps via a number of targeted work streams, publications and an annual conference.

Mainz, April 2024



Programme

Tuesday, 17 September 2024

14:30 to 17:30 h, Rotterdam

PRECONFERENCE WORKSHOP [In person]

Advanced workshop

Challenges and Opportunities to develop Oral Pediatric Medicines for Neonates and Infants

Moderators:

David Harris, Merck & Co Inc., USA
 Carsten Timpe, Consultant, Switzerland
 Jenny Walsh, Jenny Walsh Consulting Ltd, United Kingdom
 Carolina C.V. Silva, Fagron BV, The Netherlands
 David Clapham, Consultant, United Kingdom
 Smita Salunke, UCL/EuPFI, United Kingdom
 Sandra Klein, University of Greifswald, Germany

While the general understanding about regulatory requirements to develop medicines for children and conduct paediatric clinical studies has significantly grown across pharmaceutical industry over the last 1-2 decades, there is often much uncertainty among drug developers if health authorities request drug companies to extend the scope of paediatric drug development down to the very young neonate and infants populations (e.g. newborns and up to 6 months). This workshop will be focussed on discussing the challenges and opportunities to develop paediatric medicines for neonates and infants.

Networking drinks reception

Wednesday, 18 September 2024

09:00-18:15 h

Welcome and Introduction

Catherine Tuleu, University College London, School of Pharmacy, United Kingdom
 Sandra Klein, University of Greifswald, Greifswald, Germany

Session 1: Success Stories and Case Studies of Approved Products

Chair: David Harris, Merck & Co Inc., USA

Development and approval of an oro-dispersible mini tablet for treatment of children from birth

Emily Sheppard, Proveca, United Kingdom

Finlee® dispersible tablets: simple dosage form for flexible dosing

Sarah David, Novartis, Switzerland

Insights into the results of the CAMEO study - children's acceptability of minitabets mixed with food

Louise Bracken, Alder Hey Children's Hospital, United Kingdom

Morning break, exhibition and poster presentations

Hospital compounding as exploratory formulation approach: bridging unmet paediatric user needs and early industrial development. Chemotherapy case studies

Maxime Annereau, Gustave Roussy Cancer Center, Institut des Sciences Moléculaires d'Orsay (ISMO), France

Session 2: Excipients Hazards • Risks • Impact – How can we overcome it?

Chair: Smita Salunke, UCL/EuPFI, United Kingdom

Global Regulatory Picture

Kevin Hughes, Colorcon, IPEC, United Kingdom

The properties of titanium dioxide and alternatives

Mike Tobyn, Bristol-Myers Squibb, United Kingdom

Short talks

Assessment of choking hazard of an age-appropriate patient-centric novel dosage form designed to minimize choking hazards in special patient populations

Srinivasan Shanmugam, Adare Pharma Solutions, USA

Individualised dosing using an innovative minitabets dosage manager

Jafar Shendi, OnDosis AB, Sweden

Lunch, exhibition and poster presentations

Session 3: Taste of medicines

Blocking the bitter taste of medicines: From real world to benchside to bedside

Chair: David Clapham, Consultant, United Kingdom
 Sejal Ranmal, UCL School of Pharmacy, United Kingdom
 Peihua Jiang, Monell Chemical Senses Center, USA
 Rose Elliott, Routes2Results, United Kingdom

Panel discussion:

Small pellets for small kids: Big teamwork

Chair: Fang Liu, Fluid Pharma, United Kingdom
 Daniel Schaufelberger, NGT Biopharma Consultants, USA
 Annette Grave, Glatt Pharmaceutical Services GmbH, Germany
 Catherine Tuleu, UCL School of Pharmacy, United Kingdom
 Sandra Klein, University of Greifswald, Germany

Afternoon break, exhibition and poster presentations

Soap Box Session I

Development of child-appropriate extended-release tablets based on lipid matrix systems

Stefanie Brooks, University of Greifswald, Germany

Establishing a National Priority List of Paediatric Drugs in Canada – A Case for Close Collaboration with Regulators

Raphael Kraus, Goodman Pediatric Formulations Centre (GPFC), Canada

Session 4: International chapter on paediatric formulation development

Forging new partnerships to advance paediatric formulations: an update on nih activities supporting product development

Sheryl Zwierski, Division of AIDS/National Institute of Allergy and Infectious Diseases/U.S. National Institutes of Health, USA

The GAP-f Paediatric Technology Hub

Martina Penazzato, World Health Organization, Switzerland
Sébastien Morin, Medicines Patent Pool, Switzerland

Involving families with preterm babies in PPI - conect4children- Stichting

Mark Turner, conect4children, United Kingdom
Segolene Gaillard, Hospices Civils de Lyon - HCL, France

Housekeeping

Networking/social evening

Join us for a boat trip on the Maas with included networking dinner

Thursday, 19 September 2024

08:30 - 15:30 h

Brief introduction Day 2 / Housekeeping

Catherine Tuleu, University College London, School of Pharmacy, United Kingdom
Sandra Klein, University of Greifswald, Greifswald, Germany

Plenary: Pediatric enteroids to study oral drug absorption: hype or reality?

Saskia N. de Wildt, Intensive Care and Department of Pediatric Surgery, Erasmus MC-Sophia Children's Hospital, The Netherlands

Session 1: Administration Devices

Roundtable discussion and Q&A on drug-device interface: Minitablet administration case study

Chair: Jenny Walsh, Jenny Walsh Consulting Ltd., United Kingdom

Gary Inwards, MHRA, United Kingdom
Esmerald Hermans, Johnson & Johnson Innovative Medicine, Belgium
Leonie Wagner, Roche, Switzerland

Morning break, exhibition and poster presentations

Soap Box Session II

Pan-India study on user perspectives of minitables for paediatric treatments

Soniya Notani, UCL, United Kingdom

Printed drug-loaded temporary tattoos – A novel, highly acceptable pre-treatment option for pain-free vaccinations for children

Manuel Zettl, Research Center Pharmaceutical Engineering GmbH, Austria

Development and verification of standard vehicles for investigating the compatibility of oral paediatric drug products with fruit juices

Carolin Eckert, University of Greifswald, Germany

Short talks

The role of phospholipids in infant nutrition and their use as safe and effective excipients for pediatric formulations

Richard Wibel, Lipoid GmbH, Germany

High performance pediatric oral suspensions

Pawel Balcerzak, Lubrizol, Poland

Announcement of PCCA winners/Travel award winners

Lunch, exhibition and poster presentations

Session 2: Parenteral medicines for neonates and infants

Chair: Fiona O'Brien, RCSI, Ireland

Aspects for consideration in the study of paediatric parenteral product acceptability

Fiona O'Brien, RCSI, Ireland

User centric development of pediatric protein-based therapeutics: case studies and perspectives from the IQ Pediatric Consortium (virtual talk)

Annette Medina, AstraZeneca, USA

Clinical challenges associated with parenteral delivery to neonates

Karel Allegaert, KU Leuven, Belgium/
Erasmus MC, Rotterdam

Conference Wrap-up/Discussion

Programme is subject to change

Abstract Topics

1. Age appropriateness of formulations
2. Administration devices
3. Biopharmaceutics
4. Excipients
5. Developing paediatric formulations for low resource settings
6. Taste Assessment and Taste Masking

More information you can find here:

<http://eupfi.co.uk/upcoming-conference/16th-eupfi-conference-2024/>

Exhibition and sponsoring

We are glad to tailor a sponsorship package (starting from 1000 EUR) according to your wishes. As an exhibitor you will be also invited to attend the sessions and the networking dinner in the evening. Price for a tabletop space with table, chairs and power supply is 990 EUR plus one mandatory full conference registration.

Don't see an option that corresponds to your requirements?

Kindly contact

Valentina Marinkova

E-mail: marinkova@apv-mainz.de

Date

Course no. 7000
from 17 September 2024
to 19 September 2024

Registration times for workshop participants:
17 September 2024
Registration times for conference participants:
18 September 2024
Set up and poster mounting times:
18 September 2024

Location

Fletcher Hotel-Restaurant Wings-Rotterdam
Rotterdam Airportplein 55
3045 AP Rotterdam, The Netherlands

web: www.hotelwingsrotterdam.nl/en/
phone 0031 10799 9090
mail banquetsales@hotelwingsrotterdam.nl

Hotel recommendation

Fletcher Hotel-Restaurant Wings-Rotterdam
Rotterdam Airportplein 55
3045 AP Rotterdam, The Netherlands

Single room from 145 € per night incl. breakfast, excl. city tax can be booked per email to banquetsales@hotelwingsrotterdam.nl until 17 June 2024. Please mention the following number: 135-GFC5029.

Conference Secretariat

For organisational questions
International Association for Pharmaceutical Technology (APV)
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55118 Mainz, Germany
Phone: +49 6131 9769 0
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For scientific questions
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UCL School of Pharmacy
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London WC1N 1AX
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Please note the new EuPFI conference website: <http://eupfi.co.uk/upcoming-conference/16th-eupfi-conference-2024/>

Mainz, April 2024

Registration fees	Early bird fee until 20 July	Full fee from 21 July
Non-Member (non academic, non governmental)	1525	1625 EUR
Member of EuPFI (non academic, non governmental)	1395	1495 EUR
Non-Member (academic, governmental)	575	625 EUR
Member of EuPFI (academic, governmental)	510	560 EUR
Students (please enclose evidence)	230	270 EUR
Would you like to attend the advanced workshop?	<input type="checkbox"/> yes	<input type="checkbox"/> no
Advanced Workshop (in person) prices additional to registration fee: (please note you have to be registered for the conference in order to attend)		
Non-Member + Member of EuPFI (non academic, non governmental)	440	490 EUR
Non-Member + Member of EuPFI (academic, governmental)	245	270 EUR
Students (please enclose evidence)	100	125 EUR

Beginner’s Workshop: Paediatric formulation roadmap - Points to consider & Strategies to choose on 11 June 2024, Online Seminar
Register here: <https://www.apv-mainz.de/en/seminare/events/seminar-registration/seminarnr/1080/>

Course no. 7000

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Fletcher Hotel-Restaurant Wings-Rotterdam, The Netherlands, 19. - 21.09.2024

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

Registration

All correspondence regarding the conference should be addressed to:

APV
Kurfuerstenstraße 59
55118 Mainz/Germany
e-mail: apv@apv-mainz.de

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

☐ pay via invoice

☐ pay via credit card

(After processing your registration we will send you a payment link from SumUp.)



