



# PPP2021

## CONFERENCE PROGRAM



### TUESDAY 6<sup>th</sup> April

- 10.00 **PRECONFERENCE COURSE**
- 19.00 **POT DE BIENVENUE** (*Welcome Reception*)

### WEDNESDAY 7<sup>th</sup> April

- 09.00 **INTRODUCTION.** *Kenneth Walters*
- PLENARY SESSION**
- Chair: Kenneth Walters*
- 09.10 **History of dermal and transdermal delivery**  
*Kenneth Miller*
- 09.50 **Future of dermal and transdermal delivery**  
*Howard Maibach*
- 10.30 Coffee

#### EXTRACTION OF BIOMARKERS FROM THE SKIN

- Chair: Mike Roberts*
- 11.00 **Macromolecule extraction pathways through the skin**  
*Stuart Jones*
- 11.30 **Microarray patches for minimally-invasive Delivery and extraction of macromolecules**  
*Ryan Donnelly*
- 12.00 Lunch

#### TRANSDERMAL PATCH TECHNOLOGY

- Chair: Adrian Williams*
- 14.00 **Transdermal adhesive selection**  
*Sandra Weidersberg*
- 14.30 **Predictive modelling of long-term stability of drug-in-adhesive transdermal delivery systems**  
*Kalliopi Dodou*

- 15.00 **Flexible delivery patch system based on thermoresponsive hydrogels and submicronic fibre heaters**  
*Ionut Enculescu*

- 15.30 Coffee

#### INTO THE THIRD DIMENSION

- Chair: Joke Bouwstra*
- 16.00 **3D printing as a manufacturing technique for transdermal delivery systems**  
*Dimitrios Lamprou*
- 16.30 **3D bioimprinting of full-thickness microvascularised skin tissue**  
*Christophe Marquette*

#### 17.00 POSTER VIEWING WITH WINE AND CHEESE

### THURSDAY 8<sup>th</sup> April

- 09.00 **SUBMITTED CONTRIBUTIONS** (2x 15 min)  
*Chair: Robert Chilcott*

#### ADVANCES IN COSMETIC SCIENCE

- Chairs: Vania Leite-Silva and Heather Benson*
- 09.30 **Cosmetic regulation – recent developments**  
*Giulio Pirota*
- 10.00 **Natural products and their delivery in cosmetic formulations**  
*Bo Michniak-Kohn*
- 10.30 Coffee
- 11.00 **Advanced nanoformulation technologies in cosmetic science**  
*Reinhard Neubert*
- 11.30 **Fragrances in cosmetic products**  
*Sanket Gadhia*
- 12.00 Lunch

- 14.00 **SUBMITTED CONTRIBUTIONS** (4 x 15 min)  
*Chair: David Esdaile*

- 15.00 Coffee

- 15.30 **SUBMITTED CONTRIBUTIONS** (4 x 15 min)  
*Chair: Ken Feld*

#### 18.00 CONFERENCE DINNER

### FRIDAY 9<sup>th</sup> April

#### RELIABILITY OF IN VITRO SKIN PERMEATION MEASUREMENT

- Chair: Jon Heylings*
- 09.00 **Sensitivity of in vitro permeation testing to chemical penetration enhancer concentration changes**  
*Heather Benson*
- 09.30 **An in vitro skin permeation test comparing heat effects on transdermal delivery systems**  
*Audra Stinchcomb*
- 10.00 **Design of in vitro skin permeation studies according to the EMA regulatory guidelines on the quality of transdermal patches**  
*Umberto Musazzi*

- 10.30 Coffee

- 11.00 **SUBMITTED CONTRIBUTIONS** (4 x 15 min)  
*Chair: Ruth Pendlington*

- 12.00 **CLOSING REMARKS** *Keith Brain*

- 12.10 Lunch

## Organising Committee

K.R. Brain, Cardiff, UK  
M. Ginestet, Montpellier, France  
K.A. Walters, Cardiff, UK  
B.E. Williams, Cardiff, UK

## Scientific Advisory Board

J. Bouwstra, Leiden, The Netherlands  
R. Chilcott, Hatfield, UK  
D. Esdaile, Veszprem, Hungary  
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G. Moss, Keele, UK  
R Pendlington, Sharnbrook, UK  
M. Roberts, Brisbane, Australia  
A. Williams, Reading, UK

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All parts of this meeting will take place in the Palais de Congrès, La Grande Motte.

Transport to the Conference Dinner will depart from the Palais de Congrès.

Details of the oral communications will be posted in the Reception Area

Poster board numbers are the same as page numbers in the abstract book

# PPP2021

Seventeenth  
International Conference

# Perspectives in Percutaneous Penetration



## PROGRAM

La Grande Motte,  
France

6<sup>th</sup>-9<sup>th</sup> April, 2021