



PPP2022

CONFERENCE PROGRAM



TUESDAY 19th April

10.00 **PRECONFERENCE COURSE**

19.00 **POT DE BIENVENUE** (*Welcome Reception*)

WEDNESDAY 20th 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 21st April

09.00 **SUBMITTED CONTRIBUTIONS** (2x 15 min)

Chair: Robert Chilcott

ADVANCES IN COSMETIC SCIENCE

Chair: 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 22nd 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
K. Feld, Downington, USA
J. Heylings, Keele, UK
H. Maibach, San Francisco, USA
K. Miller, Melrose, USA
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 Congres, La Grande Motte.

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

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

PPP2022

Seventeenth
International Conference

Perspectives in Percutaneous Penetration



PROGRAM

La Grande Motte,
France

19th-22nd April, 2022