



PPP2022

CONFERENCE PROGRAM



TUESDAY 19th April

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

WEDNESDAY 20th April

- 08.45 **INTRODUCTION** *Keith Brain*

PLENARY SESSION

Chair: Keith Brain

- 09.00 **History of dermal and transdermal delivery**
Kenneth Miller
- 09.30 **Dermal/transdermal delivery: the unresolved**
Howard Maibach
- 10.00 coffee

EXTRACTION OF BIOMARKERS FROM THE SKIN

Chair: Mike Roberts

- 10.30 **Macromolecule extraction pathways through the skin**
Stuart Jones
- 11.00 **Microarray patches for minimally-invasive Delivery and extraction of macromolecules**
Ryan Donnelly
- 11.30 **Learnings from accessing the dermis in vivo: From topical bioequivalence to biomarker research**
Frank Sinner
- 12.00 lunch
- 14.00 **SUBMITTED CONTRIBUTIONS** (4x 15 min)
Chair: Ken Feld
- 15.00 coffee

ADVANCES IN COSMETIC SCIENCE

Chair: Vania Leite-Silva and Heather Benson

- 15.30 **What to know about the new rules governing cosmetic products**
Giulio Pirota

- 16.00 **Advanced nanoformulation technologies in cosmetic science**
Reinhard Neubert
- 16.30 **Natural products and stem cells and their commercial aspects in cosmetics**
Bo Michniak-Kohn

POSTER VIEWING WITH WINE AND CHEESE

THURSDAY 21st April

TRANSDERMAL PATCH TECHNOLOGY

Chair: Adrian Williams

- 09.00 **Transdermal adhesive selection**
Sandra Wiedersberg
- 09.30 **Predictive modelling of long-term stability of drug-in-adhesive transdermal delivery systems**
Kalliopi Dodou
- 10.00 **Flexible delivery patch system based on thermoresponsive hydrogels and submicronic fibre heaters**
Ionut Enculescu
- 10.30 coffee
- 11.00 **SUBMITTED CONTRIBUTIONS** (4 x 15 min)
Chair: David Esdaile
- 12.00 lunch

EXPANDING DIMENSIONS

Chair: Joke Bouwstra

- 14.00 **3D printing as a manufacturing technique for transdermal systems**
Dimitrios Lamprou
- 14.30 **Considering third and fourth dimensional modelling for optimal skin analysis**
Rosalind Hannen

- 15.00 coffee

TRIBUTE TO KENNETH WALTERS

Jonathan Hadgraft

CONFERENCE DINNER

FRIDAY 22nd April

- 09.00 **SUBMITTED CONTRIBUTIONS** (4x 15 min)
Chair: Robert Chilcott

- 10.00 coffee

RELIABILITY OF IN VITRO SKIN PERMEATION MEASUREMENT

Chair: Gary Moss

- 10.30 **Design of in vitro skin permeation studies according to the EMA regulatory guidelines on the quality of transdermal patches**
Umberto Musazzi
- 11.00 **Sensitivity of in vitro permeation testing to chemical penetration enhancer concentration changes**
Heather Benson
- 11.30 **An in vitro skin permeation test comparing heat effects on transdermal delivery systems**
Audra Stinchcomb

- 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
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