



PPP2018

OUTLINE CONFERENCE PROGRAM



TUESDAY 3rd

PRECONFERENCE COURSE

POT DE BIENVENUE (*Welcome Reception*)

WEDNESDAY 4th

PLENARY SESSION

Cutaneous biology and the PPP mission.
Howard Maibach

PPP at 60: Predicting Prospects and Potential
Adrian Williams

HOT TOPICS

Impact of Critical Quality Attributes for Topical Drug Products on Their Bioavailability and Bioequivalence
Mike Roberts

Skin permeability barrier and models of impaired glucosylceramide processing
Katerina Vavrova

Assessment of bioequivalence (or not) between topical drug products: Are we there yet?
Richard Guy

In vitro human skin permeation of benzene in gasoline: explanation for disparate results and applications to risk assessment
Fred Frasch

TOPICAL DISCUSSION

WHERE ARE WE AND WHERE ARE WE GOING?

POSTER VIEWING WITH WINE

THURSDAY 5th

NOVEL DELIVERY STRATEGIES IN COSMETIC AND PHARMACEUTICAL FORMULATIONS

Enhancing delivery into the skin via the follicular route using topical hypobaric pressure
Stuart Jones

Hollow and coated microneedles for intradermal vaccination
Joke Bouwstra

Nanosystems
Monika Schaefer-Korting

Foams: a unique topical drug delivery system.
Dov Tamarkin

Nanobubbles: topical antibiotic delivery
Roberta Cavalli

SHOWCASE (Contributions from Exhibitors)

SUBMITTED CONTRIBUTIONS

CONFERENCE DINNER

FRIDAY 6th

SKIN PREDICTION

Uncovering the skin barrier: insights from molecular simulation
Jamshed Anwar

Formulation factors in skin absorption
Taravat Ghafourian

To infinite doses - and beyond! Predicting skin absorption using mathematical modelling
Simon Wilkinson

Machine Learning & diffusion-based pharmacokinetic models of skin absorption
Tao Chen

SKIN PROTECTION

In vitro assessment of emergency decontamination procedures
Jon Heylings

A hybrid diffusion cell model for the simultaneous assessment of skin and hair decontamination
Hazem Matar

Novel textiles for removal of particulate contamination from the skin
Jürgen Lademann

REGULATORY ASPECTS

What to know about animal testing and alternatives for cosmetics
Giulio Pirotta

Microstructure of formulations and other recent regulatory initiatives
Sam Raney

SUBMITTED CONTRIBUTIONS