



“Skin and Formulation, 6th Symposium”

Current challenges in skin formulation 2-3 October 2023 - Nantes

Monday, 2 October 2023

08:00 *Registration*

09:00 *Welcome speech*

OPENING LECTURE

09:15 **Prof. Marc Brown, Medpharm – UK**
*Risk mitigation in Topical Product Development:
Orthodoxy, Automation and Innovation*

SKIN BIOLOGY AND PATHOLOGIES

- 10:00 **Prof. Laurent Misery, University of Brest - France**
Sensitive skins: diagnosis and management
- 10:35 **Simran Chaurasia, PhD Student, Maharaja Ranjit Singh Punjab Technical University – India**
Design and development of Nano-carrier Based Bilayer Therapeutic System for Ungual Drug Delivery
- 10:55 *Posters session & exhibition – coffee break*
- 11:25 **Dr Georgios Stamatias, Johnson & Johnson Santé Beauté - France**
Recent advances in skin maturation during infancy and childhood
- 12:00 **Dr Catarina Rosado, Universidade Lusofona – Portugal**
Lipid-based nanocarriers based on insect biomass to tackle atopic dermatitis
- 12:20 **Avichal Kumar, PhD Student, Klee College of Pharmacy – India**
Development and Characterization of Combination Therapy of Halobetasol Propionate and Tazarotene as Topical Gel for the Treatment of Psoriasis

12:40 *Posters session & exhibition – lunch break*

NEW DIRECTION IN SKIN DELIVERY: FORMULATION

- 14:00 **Xavier Ormancey, Laboratoires Pierre Fabre - France**
« Controversial » excipients: strategy on substitution depending on regulatory status
- 14:35 **Dr Laurianne Simon, University of Montpellier – France**
Lypopolyoxazolines nanoformulations for improved skin delivery
- 14:55 **Mathys Benyaya, PhD Student, University of Lyon France**
Co-encapsulation of several actives in Pickering emulsions for topical delivery application
- 15:15 **Hishda Mohamed, SEDERMA – France**
Several carrier systems to increase the benefits of active substances
- 15:35 *Posters session & exhibition – coffee break*
- 16:15 **Dr François-Xavier Legrand & Prof. Emilie Munnier**
Deep Eutectic solvents for skin formulations
- 17:00 **Christoph Heuberger, Lipoïd – Switzerland**
Effects of Phospholipids on Skin Retention and Penetration

19:30 *Gala reception*

Contact:

APGI – Association de Pharmacie Galénique Industrielle
(International Society of Drug Delivery and Pharmaceutical Technology)

Tel. +33 (0)6 14 27 45 01

E-mail : apgi@apgi.org

www.apgi.org



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Current challenges in skin formulation
2-3 October 2023 - Nantes

Tuesday, 3 October 2023

08:15 *Door opening*

STRATEGIES OF FORMULATION

08:45 **Dr Joana Marques Marto, University of Lisbon - Portugal**

Waterless formulation in skin research

09:20 **Dr Melanie Köllmer, RADES - Germany**

Preservation of topical formulation: requirements and strategies

09:55 **Prof. Guoping Lian, University of Surrey – UK**

An end-to-end in-silico simulation workflow to understanding the formulation effect on percutaneous absorption

10:15 *Posters session & exhibition – coffee break*

10:45 **Dr Pascale Gauthier, Auvergne University - France**

Packaging as a full partner for protect formulations

11:20 **Lara Gorsek, PhD student, University of Barcelone Portugal**

Biomechanical properties of Sepigel with Flurbiprofen loaded Nanoparticles in vivo

11:40 **Benjamin Gavinet, Seppic – France**

Topical formulation of high concentration of cationic-form lidocaine hydrochloride with anionic rheology modifiers

12:00 **Yvonne Wiedemann, PhD student, University of Tuebingen – Germany**

Poly(vinyl alcohol) Based Cryogel Patches as Drug Delivery Systems for Topical Application

12:20 *Posters session & exhibition – lunch break*

NEW DIRECTION IN SKIN DELIVERY: TECHNOLOGIES

13:45 **Dr Morgan Dos Santos, LabSkin Creations - France**

Advances and Innovations of 3D Bioprinting Skin for the Performance Evaluation of Cosmetic Products

14:20 **Prof. Ryan Donnelly, Queen’s University Belfast, UK**

Micro-needles and skin applications, new developments

14:55 **Paraskevi Kyriaki Monou, PhD Student, University of Thessaloniki, Greece**

Fabrication of 3D printed coated microneedles with electrosprayed containing rivastigmine and N-acetyl cysteine nanoparticles for combined transdermal delivery

15:15 **Dr Franciska Erdő, Pazmany Peter Catholic University - Hungary**

Raman spectroscopy in skin research

15:50 **Lucas Chiarentin, PhD Student, University of Coimbra – Portugal**

Towards the development and optimization of a rheology method for a high viscosity cream: An Analytical Quality by Design (AQbD) approach

16:10 **Dr Katy Margulis, The Hebrew University of Jerusalem, Israël**

Mass-Spectrometry Imaging-Guided Design of Dermal Delivery Systems

16:30 *Conclusion*

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