



# skinforum

international skin science network

[www.skin-forum.eu](http://www.skin-forum.eu)

## 18<sup>th</sup> Annual Meeting of Skin Forum

Tuesday June 16<sup>th</sup> & Wednesday June 17<sup>th</sup>, 2020

UCL School of Pharmacy

Tuesday June 16<sup>th</sup>

- 8.00 - 8.45am **Registration**  
9.00am **Dr. Majella Lane, UCL School of Pharmacy (Chair of Skin Forum)**  
Opening Remarks
- Session 1: Skin Biology - What's New?**  
9.15 - 9.55am **Professor Tony Rawlings, AVR Consulting Ltd & UCL**  
Stratum Corneum Maturation and Moisturisation at the Molecular Level:  
Biochemistry, Evaluation and Improvement
- 9.55 - 10.35am **Dr. Julie Thornton, University of Bradford**  
Time for the Skin's Peripheral Clock: Role of Opsins and Cryptochromes
- 10.35 - 11.00am **Break and Poster Viewing**
- Session 2: In Vitro, In Vivo and Rheological Testing of Skin Formulations**  
11.00 - 11.40am **Dr. Stewart Long, Cutest Ltd., Cardiff**  
Towards Better Predictive Models for Skin Irritation Testing:  
A Comparison Between *In Vivo* and *In Vitro* Methodologies
- 11.40 - 12.20pm **Professor Danka Tamburic, University of the Arts, London**  
Demystifying the Science of Rheology for Skin Formulations
- 12.20 - 2.00pm **Lunch and Posters**
- Session 3: Innovation in Topical Formulation - Pharma and Academic Perspectives**  
2.30 - 3.10pm **Dr. Thean Yeoh, Pfizer USA**  
*In Vitro* Permeation Testing from an Innovative Pharma Perspective
- 3.10 - 3.50pm **Professor Yogi Kalia, University of Geneva**  
Spatiotemporal Aspects of Cutaneous and Follicular Drug Delivery
- Session 4: Wound Healing**  
3.50 - 4.30pm **Professor Barbara Conway, University of Huddersfield**  
The Skin and its Role in Surgical Wound Complications
- 4.30 - 6.00pm **Break and Attended Poster Session with Wine**
- 7.00pm **Conference Dinner**

## Wednesday June 17<sup>th</sup>

- Session 5**      **Microneedles in Transdermal Drug Delivery**  
**9.00 - 9.40am**      **Professor Ryan Donnelly, Queens University Belfast**  
Microneedle-mediated Intradermal Delivery of Long-acting HIV Medicines
- 9.40 - 10.20am**      **Dr. Sion Coulman, Cardiff University**  
Developing a Regulatory Pathway for Microneedles
- 10:20 - 10.40am**      **Coffee**
- 10.40 - 11.20am**      **Dr. Anne Moore, University College Cork**  
Vaccine Delivery to Skin Using Microneedles
- Session 6**      **3D Printing**  
**11.20 - 12.00pm**      **Professor Axel Guenther, University of Toronto**  
3D printing of Human Tissue
- Session 7**      **Student Session 1**  
**12.00 - 12.45pm**      **Three x 15 Minute Student Presentations**
- 12.45 - 2.00pm**      **Lunch**
- Session 8**      **New Tools and Models**  
**2.00 - 2.40pm**      **Dr. Tao Chen, University of Surrey**  
Computational Modelling of the Follicular Pathway for Skin Delivery
- 2.40 - 3.20pm**      **Dr. Yuri Anissimov**  
*In Silico* Modelling of Dermal Drug Transport
- 3.20 - 4.00pm**      **Dr. Michael Heisig, University of Frankfurt**  
Modelling and Simulation of Skin Penetration
- 4.00 - 4.20pm**      **COFFEE**
- Session 9**      **Student Session 2**  
**4.20 - 4.45pm**      **Three Student Presentations**
- 4.45 - 5.00pm**      **Award of Student Prizes and Close of Meeting**



Skin Forum is a focus  
group of The Academy of  
Pharmaceutical Sciences