



Skin Summer School 2012

1st edition

“Biophysical analysis and imaging of the skin”

Aula Foscolo, Corso Nuova, 65, University of Pavia, Italy

June 24-27, 2012

Program

Sunday 24 June

School registration in Campus Residence Pavia from 18 p.m.

Welcome buffet in Campus Aquae Pavia 19 p.m.

Monday 25 June

8:00 -9:00 School registration in Aula Foscolo

9:00-9:15 Opening remarks (P. Perugini, University of Pavia)

Skin biology and physiology

Moderator P. Perugini, M. Lane

9:15-10:00 Skin and Chemicals: influence of chemicals, irritation, allergy and photoinduced reactions (G. Borroni, IRCSS Policlinico San Matteo, Pavia)

10:00-10:45 Absorption through the skin: influence of chemical structure, excipients and formulation (M. Lane, University of London, UK)

10:45-11:00 Coffee break

11:00-11:45 Bioengineering strategies to assess skin parameters (C. Rosado, University of Lisboa, Portugal)

11:45-12:30 Protocol design for clinical study (P. Perugini, University of Pavia, Italy)

12:30-13:00 Questions and answers

Instrumental methods for biophysical skin analysis

Moderator M. Lane, S. Paglialunga

14.15-15.00 Evaluation of skin parameters: water content, TEWL, sebum and pH (C. Rosado, University of Lisboa, Portugal)

15:00-15:45 Evaluation of viscoelasticity properties of the skin (D. Khazaka, C&K, Koln, Germany)

15:45-16:00 Coffee break

16:00-16:45 Bioinstrumentation devices to evaluate skin color (D. Khazaka, C&K, Koln, Germany)

16:45-17:30 Laser Doppler blood flow assessment: dermatological and cosmetic applications (A. Moneta, Perimed, Milan, Italy)

17:30-18:00 Questions and answers



Tuesday 26 June

Imaging of the skin

Moderator C. Rosado, M. Bleve

9:15-10:00 Visual evaluation of skin by a fringe projection method: application for cosmetics and dermatological uses (C. Benderoth, GFM, Berlin, Germany)

10:00-10:30 Theoretical principles of visual evaluation of skin by ultrasound (P. Pasquali, Barcelona, Spain)

10.30-10.45 Coffee break

10:45-11:15 Application of ultrasound technique for cosmetics and dermatological uses (G. Svendsen, Cortex, Hadsund, Denmark)

11:15-11:45 Evaluation of cosmetic efficacy by 3D ultrasound (L. Soeding, Taberna TPM, Luneburg, Germany)

11:45-12:30 In vivo confocal microscopy for assessment of skin conditions

12:30-13:00 Questions and answers

Research section

Moderator S. Boracchi, G. D'Agostinis

14:30- 16:00 Research work (15 minutes each)

16:00-16:30 Coffee break

16:30- 18:00 Research work (15 minutes each)

18:30 Best Poster Award

20:00 Gala dinner

Wednesday 27 June

Workshop, ECM event “Study design and claim support”

Speakers: P. Perugini, M. Bleve, P. Capra

8:30- 9:00: Elements of a perfect clinical claims support study design

9:00-10:30: Practical section: distribution of briefs and individual elaboration of a study design

10:30-10:45: Coffee break

10:45-11:30: How to choose the right cosmetic?

11:30-12:30: Practical section: the use of the more common instrumentation for the evaluation of skin parameters: water content, transepidermal water loss, sebum, elasticity, melanin content

12:30-13:00 Practical section: exercises for recognition and selection of formulation suitable for a specific skin type.

For more information: priscilla.capra01@ateneopv.it, mariella.bleve@unipv.it Tel. +39 0382 987363

Location: www.campuspavia.it

www.unipv.it