



**Università
degli Studi
di Ferrara**

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**UNIVERSITÀ
di VERONA**

Dipartimento
di **NEUROSCIENZE,
BIOMEDICINA E MOVIMENTO**



**UNIVERSITÀ
POLITECNICA
DELLE MARCHE**

10 June 2025

Workshop

Novel Approaches for Skin Health

**University of Ferrara, Ferrara
Via Luigi Borsari, 46
Aula E2**

**Department of Chemical, Pharmaceutical and Agricultural Science
Department of Neurosciences and Rehabilitation
Department of Translational Medicine and for Romagna
Department of Environmental and Prevention Sciences**

Scientific committee:

Elisabetta Esposito, Mascia Benedusi, Paola Secchiero, Giuseppe Valacchi

Organizing committee:

Alice Casoni, Laura Gemmo, Sara Melija, Federico Santamaria, Valentyn Dzyhovskiy



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Italiadomani
PIANO NAZIONALE
DI RIPRESA E RESILIENZA

FINAL PROGRAM

8.30-9.00 Registration

9:00-9:15 Opening remarks

Remo Guerrini - Director of the Department of Chemical, Pharmaceutical and Agricultural Sciences

9:15-10:45 Plenary talks

Chairs: Elisabetta Esposito, Mascia Benedusi

9:15-9:45 "Cutaneous Oxinflammatory responses to Exposome insult"

Giuseppe Valacchi - North Carolina State University

10:00-10:30 "Validation of a lipopeptide approach to a Safe-and-Sustainable-by-Design strategy on nano-TiO₂ UV filters"

Stefano Manfredini - University of Ferrara

10:45-11:15 Coffee break

11:15-13:00 Young researchers' session

Chairs: Giuseppe Valacchi, Piera di Martino, Rossella Dorati

11:15-11:30 "Ethosomes for transdermal delivery of phytochemicals as tools to prevent skin pollution damage"

Federico Santamaria - University of Ferrara

11:35-11:50 "X-rays to investigate ethosomes for drug-delivery and their effects on skin health"

Alessia Pepe - University of Ancona

11:55-12:10 "Nanoscale formulations for topical application of ferulic acid: effect of human skin"

Maddalena Sguizzato - University of Ferrara

12:15-12:30 "Evaluation of clays as tools for topical administration of bioactive compounds: cosmetic applications"

Debora Santonocito - University of Catania

12:35-12:50 "Familial hidradenitis suppurativa: genetic analysis and discovery of novel druggable targets"

Paola Maura Tricarico - IRCCS Burlo Garofolo, Trieste

13:00 – 14:30 Lunch break and Poster session

14:30- 17:45 Flash talk session

Session 1

Chairs: Barbara Ruozi, Claudio Trapella

“Sustainable micellar system from Pistachio hull (*Pistacia vera* L., Bronte) by-product for skin application”

Camilla Elena Di Bella - University of Chieti

“Development of sustainable and antibacterial wound dressing: the case of Spanish Broom fabric and *Prunus Spinosa* L. extract”

Martina Rossi - University of Bologna

“From Wound to Recovery: Tackling Complexity and Hypertrophic Scars with EgiDerma”

Martina Tamburiello - University of Pavia

“Multi-target approach as a tool for the development of innovative antimicrobial dressings (CUTESANA)”

Silvia Fiani - University of Florence

Session 2

Chairs: Teresa Cerchiara, George Burns

“Physicochemical characterization, in vitro evaluation, and pre-formulation hydrogel of sericin at different molecular weights”

Maria Rosa Gigliobianco - University of Chieti

“Natural Photoprotection: Preliminary Study on the UV Filter Boosting Effect of a Vegetable Oil”

Ilenia Gugel - University of Ferrara

“Fostering wound healing by nanoencapsulated extract of Spanish Broom flowers”

Elisa Corazza - University of Bologna

“Antioxidant properties and wound healing potential of glycosaminoglycan-like polysaccharides from *Rhizostoma pulmo*”

Francesca Caricchio - University of Pisa

20 Minute break

Session 3

Chairs: Sergio Crovella, Flavio Franchina

“Inflammatory ex-vivo model development for potential drug testing”

Giovanni Strazzabosco - University of Ferrara

“Passive sampling and chemical characterization of skin metabolic emissions”

Riccardo Di Stefano - University of Ferrara

“Protective effect of *Gracilaria* sp extract from Ultraviolet Radiation on Healthy Skin Explants”

Giulia Trinchera - University of Ferrara

“Evaluating the Ability of Different Nanovesicular delivery systems to Penetrate the Skin Barrier”

Andrea Galvan - University of Verona

17:45- 18:00 Closing remarks

During the workshop a local scientific jury will evaluate the presented posters and flash talks for the Best Poster Award and the Best Short Oral Communication Award. The winners, to be announced during the Closing remarks, will receive the Commemorative certificates.

Hotel in agreement:

Hotel Europa - Corso della Giovecca 49 - 44121 Ferrara, 49 Tel 0532-205456 Fax 0532 212120-
www.hoteleuropaferrara.com - info@hoteleuropaferrara.com

Single €63 - Dus €75 - Double €85 - Triple €113 - Quadruple €141 - Superior Double/Double
Single Use Room €115.

Please specify in the booking that the accommodation is intended for workshop attendance.