

Photoprotection and sunscreens

Chair: A.R. Young (London, GBR)

Invited Lectures:

Low-dose UVB induces a p53-dependent gene program that increases the resilience of keratinocytes against further UVB-insults

D. Decraene¹, K. Smaers¹, D. Maes², M. Matsui², L. Declercq³, M. Garmyn¹ (¹Leuven, BEL; ²Melville NY, USA; ³Oevel, BEL)

Heat shock proteins in intrinsic photoprotection

F. Trautinger (Vienna, AUT)

Biological effects of simulated ultraviolet daylight – New approach to investigate daily photo protection

S. Seité¹, C. Medaiko¹, C. Bredoux¹, F. Christiaens¹, D. Compan², H. Zucchi¹, D. Lombard¹, A. Fourtanier¹ (¹Clichy, FRA; ²Cheville, FRA)

Effects of repeated sub-erythemal UVR exposure on human skin in vivo and the role of sunscreens in their prevention

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Oral Presentations:

Cosmesis-relevant biophysical changes in Asian volunteers induced by extensive exposure to sub-erythemal doses of ultraviolet daylight. Influence of sun filters and textiles

W. Baschong¹, U. Osterwalder¹, M. Schaumann¹, C. Artmann² (¹Basel, SUI; ²München, GER)

Sunscreen use related to UV exposure, age, sex and occupation based on personal dosimeter readings and sun behaviour diaries

E. Thieden, P.A. Philipsen, J. Sandby-Møller, H.C. Wulf (Copenhagen, DEN)

Twelve-month topical study to determine the influence of bisoctrizole (Tinosorb® M- Active) on photocarcinogenesis in hairless mice

D.B. Learn¹, C.P. Sambuco¹, P.D. Forbes¹, A.M. Hoberman¹, J.R. Plautz², U. Osterwalder² (¹Horsham PA, USA; ²Basel, SUI)

Pulsed radiation studies of natural UV filters extracted from lichens: possible sunscreens

R. Edge (Keele, GBR)