

Animal models of photocarcinogenesis

Chair: D. Mitchell (Smithville TX, USA), F.R. de Gruijl (Leiden, NED)

Invited Lectures:

Regulation of DNA repair in E2F1 transgenic and knockout mice

D.L. Mitchell, T. Berton, R. Guo, L. Paniker, D. Johnson (Smithville TX, USA)

DNA lesions and mutations induced by ultraviolet A and B radiation in human and mouse cells

G.P. Pfeifer, A. Besaratinia (Duarte CA, USA)

Induction of CPD retaining basal cells after solar simulating UV-irradiation of human skin

B. Volkmer¹, S. Henning¹, D. Mitchell², E.W. Breitbart¹, R. Greinert¹ (¹Buxtehude, GER; ²Smithville TX, USA)

Oncogenes, signal transduction and melanoma in Xiphophorus

S. Meierjohann¹, C. Wellbrock², A. Gómez³, E. Geissinger¹, C. Froschauer¹, E. Wende¹, M. Papp¹, A. Kraiss¹, M. Scharl¹ (¹Würzburg, GER; ²London, GBR; ³Ribera de Cabanes, ESP)

Role of cell cycle regulating genes in susceptibility to UV-induced melanomas in Xiphophorus hybrids

R.S. Nairn, R. Beard, D. Trono, A.P. Butler (Smithville TX, USA)

Oral Presentations:

Deficient UV induction of melanoma in HGF/SF transgenic recessive yellow (Mc1re/e) mice.

F.P. Noonan¹, G. Merlino², A. Wolnicka-Glubisz¹, M. Anver³, E. De Fabo¹ (¹Washington DC, USA; ²Bethesda MD, USA; ³Frederick MD, USA)

Quantitative and temporal differences in UVR dose-dependent skin responses in hairless rodents (mice, rats, and guinea pigs)

C.P. Sambuco, P.D. Forbes, D.B. Learn, M. Arocena, A.M. Hoberman (Horsham PA, USA)