

**BSID 2010, Edinburgh:
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- P2 ARNT acts through EGFR- and HDAC-dependent pathways to control the expression of epidermal differentiation genes
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- P3 Hypoxia suppresses HIF pathway proteins and affects differentiation of epidermal keratinocytes
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- P4 3D culture of keratinocyte stem cells
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- P5 Expression of the START family of lipid trafficking proteins in HaCaT keratinocytes: evidence for a role for STARD5 in keratinocyte differentiation and cholesterol homeostasis
H. Elbadawy, P.E. Martin and A. Graham
- P6 Special AT-rich binding protein (Satb1) controls establishing tissue-specific chromatin organization and expression of terminal differentiation-associated genes in keratinocytes
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- P7 Mechanical stress impairs migration of keratinocytes
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- P12 Hepatocyte Growth Factor (HGF) family genes are expressed in normal human follicles but reduced in androgenetic alopecia
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- P13 Evidence for both genomic and non-genomic signalling of androgens and estrogens in wound healing
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- P14 Can tolbutamide, a K_{ATP} channel blocker, inhibit human hair follicle growth in organ culture?
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- P15 Human intermediate and terminal hair follicles exhibit differences *in vivo* and in organ culture
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- P16 Novel approaches to modulate keratinocyte proliferation in psoriasis: *in vitro* and *in silico* studies
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- P18 Genome-wide linkage analysis of an extended psoriasis pedigree
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T. McPherson, A. Aslam, L. Crack, H. Chan and G.S. Ogg
- P20 Extraction and purification of human and porcine filaggrin for structural studies using mass spectrometry
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- P45 Skin bound NO-related species mediate the beneficial health effects of sunlight
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- P46 Adult human epidermal melanocytes produce the pro-inflammatory eicosanoid prostaglandin E₂ in response to UVB
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- P47 Factors influencing epidermal keratinocyte susceptibility to UV-induced apoptosis.
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- P48 High resolution genomic profiling of human papillomavirus-associated vulval neoplasia
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- P50 Protein tyrosine phosphatase receptor type delta (PTPRD) is expressed in normal and cSCC-derived keratinocytes.
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- P56 Dermal fibroblast expression profiling implicates tumour microenvironment in the development of aggressive squamous cell carcinoma in patients with recessive dystrophic epidermolysis bullosa.
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- P57 Overexpression of GLI2 in human keratinocytes results in resistance to UVB-induced apoptosis and increased chromosomal instability.
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