

**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
L. Weir, D. Robertson, I.M. Leigh and A. Panteleyev
- 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
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- 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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- P8 Lysophosphatidic acid-induced keratinocyte migration requires Ca²⁺ entry via STIM1 and recruitment of NFAT2
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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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- 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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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 Altered levels of PGE₂ breakdown product 13,14-dihydro-15-keto PGE₂ after UVR exposure of human skin: A sensitive marker for UVR- induced inflammation?
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- P46 Skin bound NO-related species mediate the beneficial health effects of sunlight
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- P47 Adult human epidermal melanocytes produce the pro-inflammatory eicosanoid prostaglandin E₂ in response to UVB
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- P48 Factors influencing epidermal keratinocyte susceptibility to UV-induced apoptosis.
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- P49 High resolution genomic profiling of human papillomavirus-associated vulval neoplasia
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- P51 Protein tyrosine phosphatase receptor type delta (PTPRD) is expressed in normal and cSCC-derived keratinocytes.
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- P54 IgE immunotherapy of solid tumours: a novel model targeting Folate Receptor α -positive carcinomas with mov18 IgE
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- P58 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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- P61 Identification of therapeutic and prognostic biomarkers in keratinocyte carcinogenesis.
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