

# SCOTTISH SKIN BIOLOGY CLUB

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<http://www.scottish-skin-biology-club.org>

10.15-10.45: Registration & Coffee  
10.45:11.00 Business Meeting. Chair: Richard Weller

**11.00-12.50: Morning Session: Chair: Andrey Pantelyev**

11.00-11.20: *Ras<sup>Ha</sup> activation in Fos/PTEN<sup>null</sup> skin carcinogenesis interdicts compensatory p53/p21 expression: p53 loss induces malignant conversion, but p21 inhibits malignant progression.*

F.H. MacDonald, D. Yao, J.A. Quinn, D. A. Greenhalgh

**University of Glasgow**, Section of Dermatology, Division of Cancer Sciences

11.20-11.40: *Do skin bound NO-related species mediate the beneficial health effects of sunlight?*

D. Liu, M.Morris, R. Weller

**University of Edinburgh**, Department of Dermatology

11.40-12.00: *SLCO1B3 is a potential therapeutic target of Recessive Dystrophic Epidermolysis Bullosa-associated SCC.*

C. L. Cole, C. Hogan, C. Pourreyron, J. Foerster, K. Purdie, C. Proby, L. Bruckner-Tuderman, J.A. McGrath, I.M. Leigh, A.P. South

**University of Dundee**, Department of Surgery & Molecular Oncology

12.00-12.50: **Guest lecture: Professor Vladimir A. Botchkarev**

*Molecular mechanisms controlling the establishment of tissue-specific chromatin organization in keratinocytes during skin development.*

**University of Bradford**, Centre for Skin Sciences

13.00-13.50: **Lunch and Posters**

**14.00-15.00: Afternoon Session: Chair: Richard Weller**

14.00-14.20: *Genes regulated by the connexin mimetic peptide Gap27 during dermal fibroblast cell migration are altered in high glucose in-vitro.*

C. S. Wright, D. Flint, P.E. Martin

**Glasgow Caledonian University**, Department of Biological & Biomedical Sciences

14.20-14.35: *Do hyperhidrotic subjects respond differently to microdialysed pilocarpine than control subjects?*

S. Woodcock\*, J.Taylor\*, G. Kavanagh, R. Weller

**University of Edinburgh**, Department of Dermatology

14.35-14.55: *Human primary cutaneous squamous cell carcinoma keratinocytes are tumorigenic in SCID mice without the need for genetic manipulation.*

C. Pourreyron, C. Hogan, K. Purdie, C. Cole, V. Appleyard, K. Murray, J.C. Bourdon, A. Thompson, C. Proby, I.M. Leigh, A.P. South

**University of Dundee**, Department of Surgery & Molecular Oncology

14.55-15.10: *Carprofen and UVA photosensitise cyclobutane pyrimidine dimers in HaCaT cells.*

K. Robinson, N.J. Traynor, H. Moseley, J. Ferguson, J. Woods

**University of Dundee**, Photobiology Unit

15.10-15.30: *Skin barrier function in filaggrin-related atopic dermatitis.*

S. Abdul-Ghaffar, S. Pei Tan, L. E. Campbell, L. Hiang Lee, R.Chu, A. Sergeant, W. H. I. McLean, R. Weller.

**University of Edinburgh**, Department of Dermatology & **University of Dundee**, Epithelial Genetics Group

\*These authors contributed equally to this work

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Tea & Close

**40<sup>th</sup> Anniversary Dinner at Queen's Hotel: 6pm**

\*These authors contributed equally to this work