Session A: Epidemiology

Introduction & Welcome: Dr Helen Young, BSID Chair

CHAIRS: Carsten Flohr & Sinead Langan

09.45 From patient care to policy - how translational research has set the global agenda for podoconiosis
Prof Gail Davey, Brighton & Sussex Medical School, University of Brighton, UK

10.30 (O1) Domestic hard water exposure in infancy and subsequent risk of childhood atopic eczema

(O2) Withdrawn

10.45 Keratinocyte Carcinoma Prevention
Prof Martin Weinstock, Department of Dermatology, Brown University, Rhode Island, USA

11.30 Coffee

Session A1 Translational Research *

CHAIRS: Helen Young & Mike Ardern-Jones

11:50 (O3) Proteomic analysis of filaggrin deficiency identifies molecular signatures characteristic of atopic eczema

12:03 (O4) The Manchester skin proteome
S. Hibbert, M. Ozols, C. Griffiths, M. Bell, R. Watson, M. Sherratt

12:16 (O5) Preliminary validation of the IL-36 receptor as a potential therapeutic target in psoriasis
S. Mahil, M. Peakman, R. Trembath, J. Wright, J. Barker, F. Capon

12:29 TBC

13:10 Lunch & exhibition

Session B: Cutaneous Ageing **

CHAIRS: Rachel Watson & Helen Young

14:15 The role of mitochondrial DNA deletions in skin ageing
Prof Mark Birch-Machin, Institute of Cellular Medicine, Newcastle University, UK

14:55 The ageing dermis
Dr Mike Sherratt, Division of Cell Matrix Biology & Regenerative Medicine, University of Manchester, UK

* Organised and initiated by the BSID, supported by an unrestricted educational grant from Janssen

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15:35 Tea & coffee & commercial exhibition

16:15 The ageing hair follicle  
*Prof Ralf Paus, University of Manchester, UK & Westfälische Wilhelms-Universität Münster, Germany*

16:55 Adipocyte ageing  
*Prof Jin Ho Chung, Seoul National University Hospital, Seoul, Korea*

17:35 Open Discussion

17:55 - 19.00 Poster session & commercial exhibition

19.00 Welcome Reception:
BSID Annual Meeting 2017 - Tuesday 4th April

Scientific Session C:

**CHAIRS: Daniele Bergamaschi**

08.30 (O6) A mass spectrometry-based proteomics study of biomarkers relevant to development of metastases from cutaneous squamous cell carcinoma

_A. Shapanis, C. Lai, J. Theaker, E. Parkinson, P. Skipp, E. Healy_

08.43 (O7) Inducible β-catenin activation and PTEN inactivation elicit follicular tumours, not papillomas: a potential paradigm for Trichilemmomas in Cowden’s Disease

_J. Tan, J. Meszaros, L. Young, D. Greenhalgh_

08.56 (O8) The transgenic HPV8 Mouse skin is associated with Lrig1 keratinocyte stem cell expansion


09.09 (O9) Inhibition of CXCR4-CXCL12 Chemotaxis by Trametinib to Prevent Melanoma Dissemination within the Cutaneous Microenvironment

_A. McConnell, G. O’Boyle, R. Plummer, P. Lovat_

09.22 (O10) Modulation of autophagy reduces survival of trametinib-resistant, CD271 expressing melanoma subpopulations

_S. Verykiou, S. Muthiah, R. Plummer, P. Lovat, D. Hill_

09.35 (O11) Elucidation of the Role of Transforming Growth Factor-β Signalling in Cancer Stem Cell Drug Resistance

_H. Morgan, G. Patel, R. Clarkson, A. Clarke_

09.48 (O12) CD200 mediated basal cell carcinoma immune-evasion


10.01 **Young Investigator Award 2017 Recipient**

10.01 – Introduction
10.09 – Presentation
10.29 – Q & A

10.39 Coffee/Tea

Scientific Session D:

**CHAIRS: Miriam Wittman & Marta Polak**

11.00 (O13) Evidence for trichohyalin-gliadin epitope sharing in Alopecia Areata and Celiac Disease

_E. Paul, S.K. Sikkink, R. Šedman-Sutherland, Ř. Hashem Ahmed, A. Wright, D. J. Tobin_

11.13 (O14) Tolerogenic function of LC is regulated by signalling from epidermis

_S. Sirvent, J. Davies, K. Clayton, P. Friedman, M. Ardern-Jones, M. E. Polak_

11.26 (O15) Human Papillomavirus modulates expression of the pro apoptotic PRAF2 protein as a mechanism for de-regulating keratinocyte differentiation

_C. Wasson, D. Kealy, M. Muller, P. Rowell, A. Macdonald_

11.39 (O16) Cathepsin S is up-regulated in psoriatic inflammation and activates the pro-inflammatory cytokine IL-36γ

_J. Ainscough, T. Macleod, A. Latzko, A. Alase, M. Wittmann, M. Stacey_
11.52  (O17) Tumour Associated Macrophage Recruitment in Cutaneous SCC  

12.05  (O18) Exploring The Role of microRNAs in Alopecia Areata  
D. Broadley, A. Sharov, J. Sundberg, N. Botchkareva

12.20  Keynote Guest Lecture  
Mast cells – can’t live with them, can’t live without them  
Prof Marcus Maurer, Charité - University Medicine Berlin, Germany

13.00 - 14.00 Lunch, commercial exhibition & Poster session

Scientific Session E:

CHAIRS: Ryan O’Shaughnessy & Gareth Inman

14:00  (O19) Toll-Like Receptor 1/2 signalling is required for hyperkeratosis in severe ichthyosis  
H. A. Tagoe, S. Hassan, R. O’Shaughnessy

14.13  (O20) Towards understanding the role of AQP5 in the epidermis  
D. Blaydon, E. O'Toole, D. Kelsell

14.26  (O21) Identification of Novel Pathways Linked to the Pathogenesis of Recessive X-Linked Ichthyosis  
F. McGeoghan, M. Menon, P. Dewan, M. Caley, M. Donaldson², E. O'Toole¹

14.39  (O22) Upstream regulation of iRHOM2 pathway in keratinocytes.  
P. Arcidiacono, A. Chikh, D. Kelsell

14.52  (O23) Identifying the molecular mechanisms of cyclosporine A (CsA): CsA enhances WNT/β-catenin signalling through the downregulation of the WNT inhibitor, SFRP1, in human hair follicles.  
N. Hawkshaw, J. Hardman, I. Haslam, A. Shahmalak, R. Paus

15.05  Distinguished Local Lecture - Prof Dame Nancy Rothwell, The University of Manchester, UK

15.45  Tea & Coffee

16:15 – 17.30 Annual General Meeting

18.40  Pre-dinner drinks

19.10  Seated for dinner

BSID Medal Presentation

19:20  Introduction – Dr Helen Young, BSID Chair

19.25  Citation – Dr Charlotte Proby, Division of Cancer Research, University of Dundee

19.35  Medal Presentation – Recipient: Prof Irene Leigh, Division of Cancer Research, University of Dundee

19.40  Annual Dinner
BSID Annual Meeting 2017 - Wednesday 5th April

Scientific Session F:

CHAIRS: Muzz Haniffa

09.00  (O24) Polymorphic light eruption is associated with reduced tight junction function and altered protein expression

  E. Pond, L. Rhodes, N. Gibbs, C. O'Neill

09.13 (O25) Large intragenic deletion in DSTYK underlies autosomal recessive complicated spastic paraparesis (SPG23) associated with loss of skin and hair pigment


09.26 (O26) Congenital anonychia and uncombable hair syndrome: co-inheritance of homozygous mutations in RSPO4 and PADI3


09.39 (O27) Dysregulation of autoubiquitination resulting from mutations in KLHL24 in autosomal dominant epidermolysis bullosa simplex


09.52 (O28) Understanding the role of ABCA12 in the Pathogenesis of Harlequin Ichthyosis

  F. Enjalbert

10.05  (O29) Understanding Angiogenesis in Squamous Cell Carcinoma with Loss of Type VII Collagen

  S. Alexander, M. Caley, S. Marsh, E. O'Toole

10.20  Tea/Coffee, Exhibition & Posters

Scientific Session G:

CHAIRS: Girish Patel & Des Tobin

10.50  (O30) Spatial transcriptome profiling of human cutaneous squamous cell carcinoma reveals the evolution of cancer and cancer immune pathways


11.03  (O31) The molecular landscape of cutaneous SCC from immunosuppressed and immunocompetent patients reveals common drivers and a novel mutational signature associated with chronic azathioprine exposure


11.16  (O32) Contribution of melanoma TGF-β2 secretion to the loss of endothelial integrity and tumour metastasis.

  D.Y. L. Tang, A. Murray, P. Giglio, M. Gagliardi, M. Corazzari, R. Ellis, P. Lovat

11.30  British Photodermatology Group Guest Lecture

  Prof Lesley Rhodes, The University of Manchester, UK

12.10  Break
12.20  Lunch served in lecture theatre

Session H - Cutaneous senses: Touch, itch and pain – A Lilly Sponsored Symposium ***

Chairs: Martin Steinhoff and Nicole Ward

12.30  Chairpersons welcome

12.35  Discriminative and affective touch
       Prof Francis McGlone, Liverpool John Moores University, UK

13.00  Mechanisms of cutaneous itch.
       Prof Martin Steinhoff, UCD Charles Institute of Dermatology, Ireland

13.25  TBC

13.50  Coffee break

14.05  The neuroimmunology of psoriasis
       Dr Nicole Ward, Case Western Reserve University, USA

14.30  Translational research in dermatology.
       Prof Brian Nickoloff, Eli Lilly and Company, USA

14.55 – 15.00: Chairpersons summary and closing remarks

15.00  BSID 2017 PRIZES

15.30  Close of meeting

*** This symposium has been organised and funded by Eli Lilly & Company