

## Grants awarded by the British Skin Foundation between 2009 and 2011

### Grant Awards for 2009

Studentship Award - Alleviating defective autophagy to promote cell death for melanoma therapy

£75,000 - *Newcastle*

Studentship Award - Dissecting the signalling role of human desmoglein 3, the pemphigus vulgaris antigen

£75,000 - *London*

Studentship Award - Investigating the unfolded protein response pathway in genetic skin disease

£75,000 - *London*

Studentship Award - The contribution of the Notch pathway, a key developmental regulator, to scarring alopecias

£75,000 - *Durham*

Studentship Award - AKT1-dependent HSPB1 phosphorylation and filaggrin processing in atopic dermatitis

£75,000 - *London*

Fellowship Award - Does UVAI have more carcinogenic potential than previously thought?

£60,000 - *London*

Research Award - Non-melanoma skin cancer in HIV infection: the role of human papillomavirus (HPV) and individual immunogenotype (HLA 'tissue-type')

£70,000 - *London*

Studentship Award - Assessing the effects of Merkel Cell Polyomavirus Small T antigens relevant to cellular transformation

£75,000 - *Leeds*

Research Award - Case collections and genetic analysis in hidradenitis suppurativa and acne vulgaris

£36,037 - *Dundee*

Fellowship Award - Mechanism of action of cyclosporine A in atopic eczema and role of cyclophilin B as a regulator of human keratinocyte growth and differentiation

£60,000 - *Newcastle*

### 2009 Small Grants

Vitamin A and outcome from melanoma

£10,000 - *Leeds*

Role of BCL-2 family proteins in oncogenic B-RAF-induced resistance of melanoma to autophagy

£7,672 - *Newcastle*

Modelling tumour progression in conditional transgenic mouse skin carcinogenesis

£9,000 - *Glasgow*

Revertant mosaicism in Kindler Syndrome  
£9,900 - *London*

A pilot study of scabies outbreaks in residential homes for the elderly  
£10,000 - *London*

The STAT3 signalling pathway in lamellar ichthyosis  
£9,604.28 - *London*

Shining Light on Skin Disease: Characterisation of skin autofluorescence in order to establish its role in distinguishing between normal and diseased skin  
£9,972 - *Dundee*

Narrowband Ultraviolet B (NBUVB) phototherapy in children with moderate to severe atopic eczema (AE)  
£1,500 - *Newcastle*

Re-evaluation of diagnostic criteria for chronic ordinary urticaria and urticarial vasculitis: a new look at mast cell signal transduction and autoimmune chronic urticarial  
£9,854 - *Norwich*

To determine the relationship between UVA-induced oxidative stress, mitochondrial DNA damage and melanin in human skin  
£5,800 - *Newcastle*

Vulval squamous neoplasia: correlation of genome-wide genetic profiles, pathogenesis and prognosis  
£10,000 - *London*

***Jointly funded with The Vitiligo Society***  
Treatment of vitiligo using the Excimer light source  
£10,000 - *Sheffield*

### **Grant Awards for 2010**

Fellowship Award - Validation of WIPI-1 as a biomarker of autophagy and therapeutic target in melanoma  
£62,000 - *Newcastle*

Studentship Award - Disruption of innate antiviral responses in psoriasis  
£81,000 - *London*

Research Award - Analysis of p53, p21 and PTEN mediated inhibition of malignant conversion in transgenic mouse skin carcinogenesis  
£29,780 - *Glasgow*

Research Award - Assessing a putative epigenetic regulator of epidermal homeostasis and wound healing  
£73,643 - *London*

Research Award - Modelling the role of *Staphylococcus aureus* in atopic eczema  
£73,899 - *Southampton*

Studentship Award - Activation of regulatory T cells by endothelium in inflammatory skin disease  
£81,000 - *Southampton*

Studentship Award - Targeting C20orf20 for cutaneous squamous cell carcinoma therapy  
£81,000 - *London*

Research Award - The role of Axl signaling in epithelial-mesenchymal transition and stemness in cutaneous SCC  
£74,000 - *Dundee*

### **2010 Small Grants**

Identification of a gene for a novel inherited non-syndromic form of ichthyosis  
£10,000 - *London*

Developing a new therapeutic approach to target melanoma growth and metastasis  
£10,000 - *Norwich*

A study to investigate the relationship between skin fluorescence, structure and pigmentation; validation of skin fluorescence as a non-invasive measure of oxidative stress in patients with systemic sclerosis  
£9,996 - *Manchester*

Comparison of twice weekly compared with thrice weekly targeted broad band Ultraviolet B (UVB) radiation for scalp psoriasis  
£3,100 - *Belfast*

Novel assays for the investigation of severe cutaneous hypersensitivity reactions  
£10,000 - *Southampton*

Zinc-finger nuclease mediated gene therapy for blistering skin disease  
£10,000 - *Newcastle*

The immunoregulatory role of B lymphocyte populations in malignant melanoma  
£10,000 - *London*

Gene therapy for Netherton Syndrome  
£10,000 - *London*

### **Grant Awards for 2011**

Studentship Award - Novel therapeutics targeting the WWP2 Ubiquitin Ligase oncogene in malignant melanoma  
£81,000 - *Norwich*

Fellowship Award - Nuclear EGFR as a therapeutic target in BCC  
£62,000 - *London*

Studentship Award - An integrated genomic, epigenetic and functional approach to define a role for MTAP in primary Cutaneous T-cell Lymphoma  
£81,000 - *London*

Studentship Award - Mechanical Regulation of Epidermal Wound Healing and Repair  
£81,000 - *London*

Research Award - The Ras Controversy and the Role of Notch in Human Squamous Skin Cancers  
£80,942 - *Dundee*

Research Award - From healthy epidermis to eczema: an investigation of the role of filaggrin and its breakdown products in T-lymphocyte and dendritic cell activation  
£80,855 - *Edinburgh*

Studentship Award - Dissecting the role of iASPP, a novel crucial regulator of epidermal homeostasis, in keratinocyte skin carcinogenesis  
£81,000 - *London*

### **2011 Small Grants**

A new mild variant of erythropoietic protoporphyria: molecular genetic and enzyme characterisation of this syndrome  
£8,640 - *London*

Examining the prevalence of alcohol use disorders (AUDs) in patients with skin disease  
£7,126 - *Newcastle*

Small-molecule Wnt agonists for skin regeneration  
£9,850 - *Southampton*

Drug-induced changes to skin barrier lipids  
£9,805 - *London*

An investigation of keratinocyte cross-talk to dendritic cells in inflammatory skin disease  
£10,000 - *Southampton*

### ***Jointly funded with The Ichthyosis Support Group***

A pilot study to explore the feasibility of computerised psychosocial support (YP Face It) for young people with appearance-related concerns as a result of ichthyosis  
£10,000 - *Bristol*