

## Grants awarded by the British Skin Foundation between 2003 and 2005

### **Grant awards for 2003**

The antibody response to the melanin-concentrating hormone receptor in vitiligo.  
£59,867 - *Sheffield*

Functional study of the JUNB oncogene in primary cutaneous T-cell lymphoma.  
£57,971 - *London*

Developing and validating the core content of a national undergraduate dermatology curriculum. £1,598 - *Oxford*

Molecular Analysis of Altered Biomechanical Properties of Skin Fibroblasts in Scleroderma (BSF/Maria Scleroderma Therapy Trust Award). £58,640 - *London*

Identification of components in the initial scaffold for cornified envelope assembly.  
£54,000 - *Durham*

For HLA-typing of Leicestershire patients with pemphigus vulgaris. £3,000 -  
*Leicester*

The Clinical Measurement of Itch as Scratching Using Digital Accelerometers. £50,000 -  
*Edinburgh*

Role of Calcineurin/NFAT signalling in mediating the effects of ultraviolet radiation in keratinocytes and human skin (S). £54,000 - *Newcastle*

Investigation of mechanisms underlying cutaneous drug hypersensitivity. £10,000 -  
*Southampton*

Penetration of peptoid analogues of methotrexate and alpha-melanocyte stimulating hormone into skin (S). £54,000 - *Southampton*

Human Papillomavirus associated mutagenesis in the pathogenesis of non-melanoma skin cancer. £59,930 - *London*

Hair follicle-derived dermal stem cells - a novel and improved source of dermis for skin replacement. £59,969 - *Durham*

### **Grant awards for 2004**

Genetic, protein and functional analyses on the origin of the skin disorder, tylosis type A. £59,632 - *Liverpool*

Nitric Oxide as a regulator of apoptosis and inflammation in human skin following ultraviolet radiation. £50,000 - *Edinburgh*

Analysis of malignant conversion in multistage HK1.ras/fos transgenic mouse skin carcinogenesis via inducible, conditional PTEN knockout. £34,375 - *Glasgow*

Genetic variants of the autoimmune regulator(AIRE) promoter: Analysis of their effect on AIRE gene expression, activity and possible role in the pathogenesis of alopecia areata. £51,396 - *Sheffield*

Functional analysis of the role of gasdermin in sebaceous gland differentiation and sebum production. £59,941 - *Cardiff*

A Study to assess the influence of genotype on the development of liver dysfunction in erythropoietic protoporphyria. £15,624 - *Cardiff*

Clinical relevance of novel epidermal autoantigens and Streptococcus pyogenes infections in psoriasis. £43,353 - *Leicester*

Genetics of female pattern hair loss. £58,891 - *Sheffield*

#### **2004 Small grants**

A Qualitative Study of optical coherence tomography in the imaging of laser-resistant port wine stains. £9,200 - *Bedford*

Pilot studies to inform the design of a UK multi-centre randomised controlled trial of prophylactic antibodies for the prevention of cellulites of the leg. £9,920 - *Nottingham*

Pay for costs of manufacturing capsules, patients' travel claim & stationary expenses. £5,088 - *Middlesbrough*

To assess whether vitamin D deficiency is a significant problem in patients with erythropoietic protoporphyria by funding biochemical analysis of samples already obtained. £3,440 - *Cardiff*

595nm pulsed dye laser for the treatment of inflammatory acne. £10,000 - *Carshalton*

Study of immunogenetics in prepubertal boys with lichen sclerosis. £3,000 - *Basingstoke*

A randomised controlled trial of Wet Wrap therapy in the treatment of childhood dermatitis. £6,782 - *Dundee*

#### **2004 grants jointly funded with the British Dermatological Nursing Group**

To compare, contrast and critically evaluate the use of a laser quality of life(QoL) index tool before laser therapy and post laser therapy. £2,850 - *Scotland*

To part-fund a PhD study - An exploration of adolescent sun related behaviour. £5,000  
- *Dorest*

### ***Grant awards for 2005***

Effect of 4-methylumbelliferone on hyaluronan synthesis by dermatomyositis and scleromyxedema-like dialysis patient fibroblasts within a living skin equivalent.  
£37,619 - *Glasgow*

Definition of the chemical and immunological signals associated with the development of contact dermatitis. £39,541 - *Liverpool*

An investigation of the effects of the natural photoimmunosuppressant, cis-urocanic acid on the human skin immune system. £65,000 - *Manchester*

Basement membrane pores in skin. £59,970 - *Southampton*

Biological and therapeutic implications of cell immortalisation in melanoma.  
£50,000 - *London*

Prognostic Factors in Pemphigus Vulgaris. £50,000 - *London*

The role of keratinocyte survival and skin cancer formation. £60,000 - *London*

Impaired control of lymphocyte senescence and regulatory T cells in atopic eczema - the basis of persisting disease? £59,934 - *London*

### ***Grant jointly funded with the National Eczema Society***

The role of profilaggrin mutations in ichthyosis vulgaris and eczema. £54,303 –  
*Dundee*

### ***2005 Small grants***

Methotrexate in adults with severe atopic dermatitis: a double-blind trial, randomised, parallel-group, placebo-controlled trial. £9,985 - *Nuneaton*

Contributing to the costs of a Unifilter Cell Harvester. £10,000 - *Southampton*

Consumables. £8,550 - *London*

The development of a clinical database for the severe drug eruptions.  
£9,500 - *London*

Do Low Serum Levels of Mannan-Binding Lectin relate to Outcome of Atopic Eczema?  
£5,960 - *Leicester*

Consumables for pilot work to detect and confirm TCR-VB family restriction by skin derived T cells after patch tests for allergic contact dermatitis. £10,000 - *Leicester*

***2005 grants jointly funded with the British Society for Dermatological Surgery***

To obtain preliminary information regarding the variation in expression of proconvertase 1 enzyme in individuals of different skin type. £2,000 - *London*

Genome-wide SNP microarray mapping of cutaneous squamous cell carcinomas: are there "genetic fingerprints" for high risk tumours? £10,000 - *London*

***2005 grants jointly funded with the British Dermatological Nursing Group***

To compare the level of knowledge about melanoma and the frequency of skin self examinations (SSE) between patients already attending the dermatology clinic for pigmented lesions compared to controls. To assess the support and education needed to improve the frequency of SSE for the early detection of melanoma. £9,993 - *Hertfordshire*

To cover salary costs for one day a week to support the completion of applicant's PhD studies - An exploratory study of parental needs and knowledge when caring for a child with eczema. £5,925 - *Southampton*