

SCSS seminar focuses on skin protection issues

The Society of Cosmetic Scientists of Singapore (SCSS) recently staged its 2nd Scientific Seminar, which had the title "Sunscreen Evaluation, Sunlight and Skin Protection". Giving the address was Gavin Greenoak, managing and scientific director of the Australian Photobiology Testing Facility (APTF).

With the help of an extremely illustrative video on the work conducted at the APTF, Gavin Greenoak explained how sunscreens work, how they are to be used, how water resistance can be tested, and *in-vitro* vs *in-vivo* testing. In addition he discussed immune suppression and safety issues and shed some light on concepts such as SPF (Sun Protection Factor), UVA protection, broad spectrum protection, the Australian Standard, Japanese UVA testing methods, and COLIPA standards.

Gavin Greenoak has been conducting cancer research for some 30 years, starting at the Imperial Cancer Research Fund in London, before moving to Australia over 20 years ago and concentrating on skin cancer research. This interest led to sunscreens, which he has been testing for 17 years, as well as continuing research investigating the short and long term effects of sunlight on

mammalian skin and factors influencing the skin cancer outcome.

He is a director of the Melanoma and Skin Cancer Research Institute based in Sydney, and is an Honorary Research Associate with the Veterinary Faculty at the University of Sydney. He is also a

long-standing member of the Australian Standards committees for sunscreens and UV protective clothing.

The SCSS was honoured to have such a high profile speaker with a wealth of in-depth scientific expertise coupled with broad practical experience.



Pictured centre of front row (with bow tie) is Gavin Greenoak. On his right is Sok Koon Ooi (secretary, SCSS), and on his left is Adrian Jacklowsky (president, SCSS). On the far right of the picture is Andrew Gan (vice president, SCSS).

Enhancing sparkingly

Merck has introduced three new Ronastar products – the pigments Golden Sparks, Copper Sparks and Blue Sparks – that enhance the successful silver-white pigment Ronastar Noble Sparks. The new colour effect pigments are Merck's contribution to the fashion trend of multi-colour effects, brilliant glitter and high gloss.

The company states that the cosmetics industry in particular has a tremendous need for new colour trends and pigments with improved processing properties.

With the Ronastar family of effect pigments, Merck has developed innovative products that are "extravagant eye-catchers" for women. The effect pigments feel pleasant on the skin and can be easily processed into emulsions, water-free creams, lipsticks and nail polishes.



Ronastar effect pigments give a look for today.

Innovative actives and technologies presented

At the 23rd IFSCC Congress in Orlando, Florida, US, Cognis' Care Chemicals Business and the group's Laboratoires Sérobiologiques (LS) subsidiary presented new active ingredients and delivery technology that target the wellness trend.

At its exhibition stands and in several sessions, Cognis presented a number of new products and concepts that enable next generation formulation.

In addition, LS presented information on Active Powders technology for incorporating water-soluble actives into anhydrous make up formulations, and DN-AGE, a new active ingredient to prevent UV-induced skin ageing via DNA protection.

Novel functional silicone for hair conditioning

Ciba Specialty Chemicals has launched Ciba TINOCARE Si A1, a novel functional silicone for the conditioning of hair.

One of the key benefits of TINOCARE Si A1 is that it offers targeted care for hair, conditioning only where the hair needs it and not over conditioning hair that does not need it. It also differs from currently available silicone hair care products in that it does not build-up on the hair, even after multiple applications.

These properties make TINOCARE Si A1 suitable for the conditioning of most hair types – it will not

Precise body measuring achieved

Laboratoire DermScan has recently acquired the 3-D measuring system PRIMOS Body.

Specifically designed to avoid the problems associated with shadows while measuring large areas of the body, PRIMOS Body uses two light beams instead of just one. These are projected onto the surface to be analysed and the images are recorded by two cameras, each at a 20° angle. Calibration and fine-tuning systems, aligned with the measuring technology, guarantee the precision of the operation. With the measuring technology, Laboratoire DermScan can conduct a detailed analysis of any part of the body.

weigh down fine hair, yet provides the right amount of conditioning for dry, brittle and damaged hair. It does not interfere with chemical processes on the hair such as dyeing, bleaching and perming, yet provides easier wet and dry combing and improved hair feel.

The new conditioning agent is compatible with a wide range of commonly used personal care ingredients and therefore can be used in a variety of end-use products such as rinse-off and leave-in conditioner, hot oil treatments, thermal protectants, hair colours and pomades.