

# The Hong Kong Society of Dermatology & Venereology Lecture

Reported by HF Cheng 鄭學輝

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## The latest advances in aesthetics and cosmeceuticals

Speaker: Mitchel P. Goldman  
Chairman of the CALECIM® Professional Medical  
Advisory Board

The principal mechanisms of rejuvenation of skin may be by manipulation of epidermopoiesis, fibroblast, vasculature and intercellular matrix. However, therapeutic measures should always be done in the patients' best interest, and this cannot be accomplished without the physicians' central role in the entire consultation and subsequent management. Nonetheless, patient's empowerment, close observation to existing scientific evidences, institution of non-invasive means to aid collagen formation should never be under-estimated. There are various classes of anti-ageing skin

care products which can be broadly categorised according to their mode of action: prevention of on-going damage (anti-oxidant, sunscreen), reparation and regeneration (retinoids, anti-oxidant, growth factors), and maintenance of skin integrity (moisturisers, sunscreens). Other novel agents include (GLX technology, botanical anti-oxidants, green tea, vitamins, vitaphenol, iron chelators, emerging growth factor products, and umbilical cord lining stem cells in the treatment of non-healing cutaneous wounds). However, basic measures such as sun protection should not be omitted.

### **Learning points:**

Advances in aesthetics and cosmeceuticals have provided new therapeutic options for the management of skin ageing-related clinical problems.