

# SPRING DERMATOLOGY & SKIN CARE EXPO CONFERENCE

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### **Introduction for the clinical treatment of Alopecia: What is a cosmeceutical?**

Functional and ornamental products that is not inert when in contact with the skin. Their activities range between those of medicine and cosmetics. Cosmeceutical isn't a global concept, reason why it's also named dermaceuticals, dermocosmetics, active cosmetics, functional cosmetics, or quasi-drugs. This term was used for the very first time in 1980, by Dr Albert M Kligman, as a criticism against the 1938's American Conference that established the Food, Drug and Cosmetic Act, wherein drugs soothes, cover, prevent, or treat diseases, and have the obligation of having safety and efficacy tests to support the clinical claim, whereas cosmetics were only categorized as products that beautify or enhance appearance, with no effect in skin structure or function, and no obligation of safety and efficacy tests to support their claim. However, what about products that can have one or more of the following mechanisms of action: activate a receptor, enhance barrier function, increase exfoliation, normalize cellular repair, decrease inflammation, inhibit oxidation, provide a cellular messenger, regulate cellular communication, modulate pigmentation, and deliver photoprotection? There are the ten basic cosmeceutical

mechanisms of action. This lecture will explore about the cosmeceutical world and unravel some basic concepts that make the audience better understand about this category of products.

#### **Speaker Biography**

Adilson Da Costa is a Brazilian Dermatologist that lives in Atlanta, GA, USA. He got his MD from Santa Casa of Sao Paulo School of Medicine, wherein he also completed his specialization in Dermatology. He obtained his MSc in Dermatology from Federal University of Sao Paulo, PhD from the University of Sao Paulo School of Medicine and he did his Postdoctoral Research Fellowship in Dermatology at Emory University School of Medicine, Atlanta, GA, USA. Currently, he is a Tenured Professor for the PhD and MSc Programs at the State of Sao Paulo Workers' Welfare Institute, Sao Paulo, SP, and Brazil. He is a very experienced Researcher in Dermatology and has served as a Principal Investigator in more than 150 projects, either clinical or *in vitro*, which helped him to take place as an Advisory Board Member for important companies, such as Galderma, Sinclair, Avon, L'Oréal, Hypermarcas, and Natura; moreover, his research skills has helped him to be a common scientific resource for the general media, and an frequent speaker in international scientific meetings. He has already two books published "Dermatology in Pregnancy" (Guanabara Koogan) and International Textbook of *Cosmeceuticals* (Elsevier) and is now working on an international masterpiece on dermatological procedures. He has more than 60 manuscripts and chapter of books already published.

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