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Efficacy of a new cosmetic anti-aging combination

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Skin aging is a progressive loss of cell functions influenced by the combination of endogenous and exogenous factors, mostly Ultraviolet light (UV) exposure. This event is closely related to impairment of glycosaminoglycans (GAGs) synthesis. The cutaneous extracellular matrix (ECM) is mostly composed of proteins and GAGs. The main role of GAGs is to maintain and support the structure and function of ECM and to retain moisture. We will discuss about a new anti-aging cosmetic formulation based on: Wharton Gel Complex® (WGC®), IFC-Cellular Activation Factor (IFC-CAF®) and Retinsphere® technology. WGC® is isolated from Wharton's jelly from the umbilical cord of pigs following a patented procedure and constituted by a unique mixture of natural GAGs that resembles the composition of a healthy ECM. IFC-CAF® is obtained by extracting the eggs from the gastropod *Cryptomphalus aspersa*, and is a new cosmetic ingredient rich in Growth Factors that stimulates mesenchymal stem cells and protects cells against UV-induced damage. Retinsphere® technology incorporates two topical retinoids, retinol glycospheres and hydroxypinacoloneretinoate, which directly interacts with the retinoic acid receptor with similar activities but does not induce irritation. The results of this innovative combination in a significant improvement of aging skin signs will be reviewed.

Biography

Maria Vitale is currently working as a Medical Director for IFC Group [Industrial Farmaceutica Cantabria], at Madrid, Spain. She is an active speaker and has delivered presentations in different conferences. Her principle expertized topics are Acne, Herpes, Photoprotection, Photoaging, and Phototherapy. She is member of various scientific societies- American Academy of Dermatology (AAD), Dermatology Society of Argentina (SAD), and many more.

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