

## Harmonizing Moisture Flow

Mibelle Biochemistry has launched MossCellTec Aloe, based on the company's MossCellTec technology, which allows for the sustainable large-scale production of aloe moss (*Aloina aloides*) extract. The moss is of a species that features a high water retention capacity.

MossCellTec Aloe purportedly improves cell-to-cell communication, which declines with age, via connexin channels to even the skin's moisture distribution and thereby reduce the appearance of volume and depth of wrinkles, and boost skin elasticity.

In vivo, 43 subjects with signs of aging such as crow's feet wrinkles were reportedly treated with a 2% MossCellTec Aloe cream or a placebo twice daily for 28 days. Parameters measured included elasticity, wrinkle volume/depth, skin hydration and hydration homogeneity—across 53 points on the face. Combined hydration mapping across subjects in each test group revealed a 14% improvement in hydration evenness after just 14 days and 20% improvement after 28 days. General skin hydration also was improved, per Mibelle Biochemistry.

## A More Stable Bakuchiol

International Cosmetics Science Centre A/S (ICSC) recently launched its Cosmosil BAK oil and butter. The oil



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is extracted from the seeds of *Psoralea corylifolia* L. and then mixed with a high oleic vegetable oil for extended oxidative stability. Cosmosil BAK butter, meanwhile, is a pure extract from the seeds of *Psoralea corylifolia* L. mixed with a soft stearin.

Both products are processed at ICSC's Denmark plant without use of synthetic chemicals and, via ICSC's stabilization process, reportedly offer increased shelf life, strong anti-inflammatory and anti-aging properties, enhanced antioxidant properties compared to natural tocopherols (negating the need to add antioxidants to formulations), and strong antimicrobial properties that purportedly allow for a reduced amount of chemical preservatives in final skin care formulations.

Cosmosil BAK products can be used as emollients in skin care products and, as with other bakuchiols, can improve the appearance of fine lines and wrinkles, boost elasticity and firmness, reduce photodamage, and improve the skin's texture.



JD Hydro Boost from Jojoba Desert is a natural polysaccharide prebiotic fiber suited to anti-aging applications and restorative skin care.

## Biome-friendly Anti-aging

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