

PRESS RELEASE

Contact: Tatiane Paixão
Communications
Chemyunion Ltda.
+55 (15) 2102-2057
tatiane.paixao@chemyunion.com.br

AcquaBio
Activator of biological moisturization

Your skin barrier fortified up to 72hs even without reapplication of AcquaBio!

AcquaBio is a botanical extract rich in arabinogalactans, a polysaccharide that promotes the biological skin moisturization as well as its homeostasis. AcquaBio acts strengthening the skin barrier through the stimulation of filaggrin and involucrin, which guarantees a structured and healthier skin barrier.

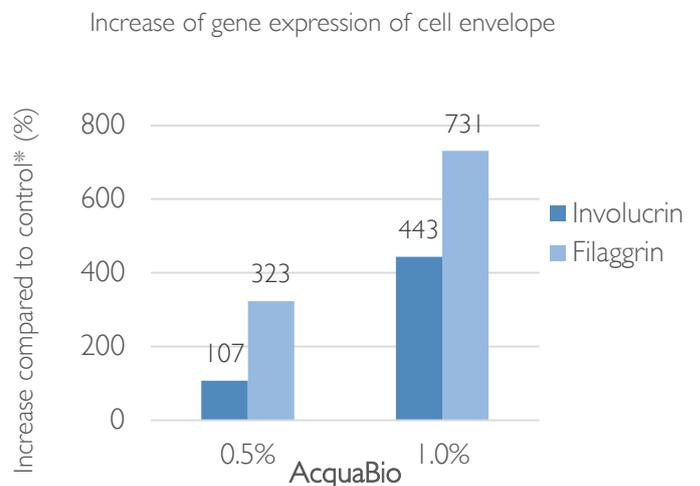
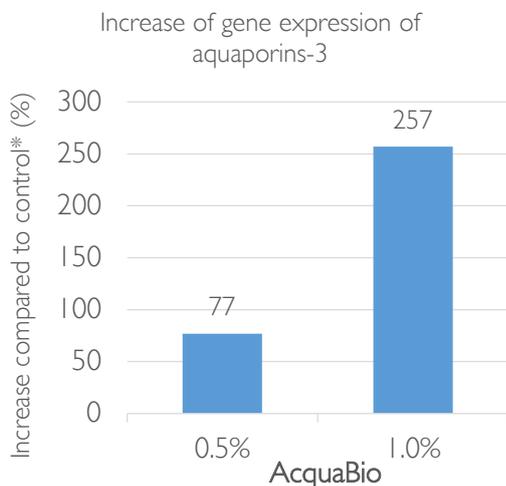
Moreover, AcquaBio stimulates the increase of water channels at the epidermis, the aquaporins-3, ensuring the appropriate water flux within and out of the epidermal cells, leveraging the cellular hydro-electrolytic balance. AcquaBio acts on the dermis redensification through the stimulus of extracellular matrix such as collagen and elastin.

AcquaBio can be employed in different categories of skin care products and offers the skin an immediate and long-lasting moisturization, a healthy skin barrier, reducing transepidermal water loss, and increasing firmness, the youthfulness that the entire skin deserves.

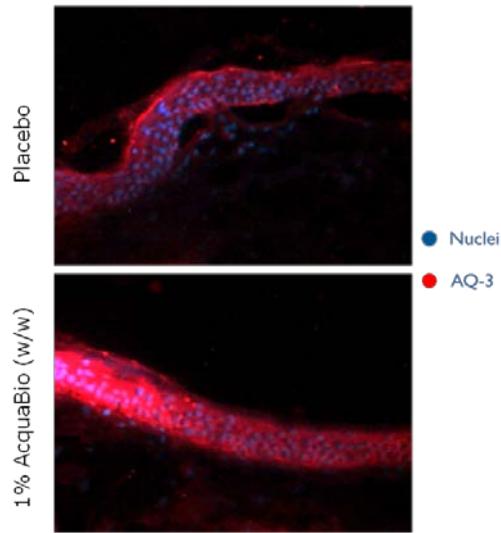
Efficacy Testing

Epidermis

1. In vitro – Human keratinocytes treated with AcquaBio for 24h



2. Ex vivo – Increase of aquaporin-3 production after 48h of treatment with 1% AcquaBio



3. In vivo – TEWL

Panel: 20 volunteers, forearm application, 2x/day during 28 days, 3% AcquaBio cream.



About Chemyunion

Chemyunion is a Brazilian company founded in 1992 that became an important supplier for the development and production of innovative ingredients for the cosmetic, dermocosmetic and health care sectors.

Our range of ingredients comprise actives for skin and hair care, vegetable origin preservatives, functional and sensorial excipients among others.

Our portfolio is present worldwide and it has been exported to more than 50 countries combining technological expertise and market trends to offer products and services with perceivable benefits to our customers.

We are inspired by innovation, committed to sustainability and are continuously investing in research and development of new products and services in order to be always our customers first choice.