

**PRESS RELEASE**

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**Expanscience introduces Algaenia®, a new cosmetic active ingredient from microalgae that is designed for sensitive skins**

***Presented at In Cosmetics from April 2-4, 2019, on stand D108 (Porte de Versailles)***

**Paris La Défense, March 29, 2019** – Expanscience Laboratories, which for over 45 years, has been highlighting the noblest aspects of the plant kingdom by developing cosmetic active ingredients based on pharmaceutical cultures and cutting-edge R&D, announces the launch of a new biomimetic active ingredient: Algaenia® from microalgae. It is one of the two Expanscience active ingredients in the finals of the *2019 Ingredients Awards* at In Cosmetics in the *Innovation Zone* category. Skinhairgium® Bio, the other ingredient, is a finalist in the *Green* category.

**Algaenia®, the “alga genie” from Expanscience Laboratories**

Endowed with very beneficial qualities, microalgae are the new favorite in the cosmetics industry products. In fact, to adapt to all kinds of living environments, these microscopic plants produce an infinite variety of molecules with natural active ingredients that offer many possibilities for the cosmetics industry, in particular for sensitive skins.



Originating from the acid lakes of Patagonian volcanoes, the microalga used for Algaenia® is able to survive in a hostile environment. Currently little used on an industrial scale, like all microalgae, it is produced and grown by means of an innovative technological process that has been patented by Microphyt, a French biotech company and Expanscience partner. This enables the obtention of standardized natural active ingredients on a large scale. Microphyt controls the production of mono-algae in a closed environment that meets biological and regulatory constraints. The production technique is based around the use of 5,000-liter tubular photobioreactors. This cellular culture gives rise to a biomass from which the microalga peptides used by Expanscience are extracted.



## **Algaenia® , designed for the protection of sensitive skin in harsh and extreme environments**

A new eco- and socio-designed active ingredient from Expanscience composed of 16 active ingredients and eight sensorial ingredients, Algaenia® stands out for its exceptional power in protecting sensitive skin. Microalga peptides act with particular effectiveness on the different layers of the human epidermis. They protect sensitive skin from inflammation and allergens through a softening, moisturizing and soothing action.



Two clinical studies have validated these results. The first, carried out on 20 subjects, showed a significant decrease in an erythema caused by a chemical agent on skin protected by Algaenia® compared to a placebo. The second confirmed the soothing and moisturizing potential of the active ingredient. Thirty-six women with "sensitive" skin noted a marked improvement in their cutaneous barrier (less inflammation, improved hydration, noticeably soothed) after 28 days of use, and 85% of these women responded positively to the satisfaction survey made after the study.

## **Algaenia® is certified ERI 360°**

During the past few years, the extraction industry has begun a "green revolution" by carrying out a technological mutation toward eco-design. The ERI 360° (Eco Responsible Ingredient) label supplies the first analytical grid—which Expanscience participated in designing—based on 100 SMART indicators (Specific, Measurable, Attainable, Recognized and Transparent) to define an ingredient's level of eco-responsibility.

*"Since the launch of ERI 360° in June 2018, Expanscience has had eight of its cosmetic active ingredients evaluated, including Algaenia®. They all obtained the ERI 360° label. This recognition highlights our involvement and our demands with respect to the eco-responsibility of our active ingredients, which is in line with our CSR approach,"* states Armelle le Peniec, Director of Cosmetic Active Ingredients for Expanscience Laboratories.

**Expanscience will be present at In Cosmetics** from April 2-4 on stand D108 and will give a talk on its Maca Bio subsidiary in Peru on April 2 from 3:00 p.m. to 3:30 p.m. Expanscience speakers: Angéline Rocherieux, Zone Manager, and Beatriz Soengaz, Sustainable Plant Sourcing Manager.

### **About Expanscience Laboratories**

In 2018, Expanscience, an independent French pharmaceutical and dermo-cosmetics company, achieved €260.9 M in turnover, including 66.8% in international sales. The company's reputation for conscientiousness, innovation and expertise in treating osteoarthritis and ensuring skin health is founded on two leading brands: Piascleline 300 and Mustela. Expanscience's positive impact on society and the environment is recognized by the international B Corp label.

### **Key figures for Expanscience Laboratories**

- Founded in: 1950
  - 2018 turnover: €260.9 M
  - 102 distributor countries
  - 16 subsidiaries
  - 1107 employees
  - 60 million products manufactured in 2018
  - Activities: Dermo-Cosmetics, Dermatology, Rheumatology, Cosmetic active ingredients
- For further information: [www.expanscience.com](http://www.expanscience.com) - [Facebook](#) - [Twitter](#) - [YouTube](#) - [LinkedIn](#)

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