science & conscience
NATURALLY

Active ingredients producer since 1977

Expanscience is the first pharmaceutical and dermocosmetics laboratory in the world to be certified by B Corp, and the first to be recognized as “Exemplary” by the AFAQ 26000 in France.
Laboratoires Expanscience

1950
FOUNDATION
Family owned company

1105
HEADCOUNT

102
COUNTRIES

271,2 Million €uros
TURNOVER

10
YEARS
COMMITMENT CSR
APPROACH

1044
HEADCOUNT

16
SUBSIDIARIES

9333
SCIENTIFIC
COMMUNICATIONS

933
PATENTS
submitted since 1996

1st
WORLD producer in
INSAPONIFIABLES
• Exclusive know-how
• Molecular distillation

3
DIVISIONS
• Dermo-cosmetics
• Drugs
• Cosmetic Active Ingredients

4%
of turnover
invested in R&D

since 1997

since 1996
Laboratoires Expanscience is the first dermo-cosmetic and pharmaceutical company in France to become a member of the UEBT and the first to be recognized as "EXEMPLARY LEVEL" by AFAQ 26000.
Impact analysis of our own plant supply chain
Environmental, Relation & working conditions, Human rights, Good practices...

Implementation of action plans with local stakeholders

Since 2015, CSR action plan implemented in 100% of our plant supply chains
CSR plans are developed and followed up in compliance with the Nagoya protocol

DO YOU KNOW?
Laboratoires Expanscience have a sustainable plant-sourcing manager, which acts as a relay with local populations and authorities
Seven key indicators

- Preservation of biodiversity: maintain and restore ecosystems...
- Sustainable use of biodiversity: give priority to alternative or organic agricultural practices...
- Fair and equitable sharing of benefits derived from the use of biodiversity: transparency, local development...
- Respect for the rights of actors involved in bio trade activities: enforcing human rights, providing adequate working conditions...
- Company socio-economical sustainability: quality management and traceability system...
- Compliance with national and international legislation: Nagoya, CITES...
- Clarity about land tenure, right of use and access to natural resources: prevention of illegal use of sourcing areas...
Neurovity® • anti-ageing, dark spot corrector
INCI name: Vitex Negundo Extract
Prevents neuro-aging, increases cell longevity, reduces dark spots and homogenizes skin complexion. Obtained from aeroponics of Vitex negundo, a revolutionary culture process, it restores optimal communication between the cutaneous nervous system and the skin. The skin remembers the qualities of its youth.

Actimp® Liquid / Actimp® Powder Bio • anti-ageing, photo & chronoageing
INCI name: Hydrolyzed Lupine Protein
Reinforces the dermal-epidermal junction and the dermis to prevent the visible signs of ageing. This concentrate of Lupin peptides boosts the mechanical dynamics of the dermis to preserve the firmness and tonicity of the skin subject to slackening.

Collageneer® • anti-ageing, firming
INCI name: Helianthus Annuus (Sunflower) Seed Oil and Lupinus Albus Seed Extract
Stimulates the production of a high-quality collagen, thanks to its effect on HSP47. This preservative-free extract from the coating of sweet white Lupin seeds remodels the facial contour and increases the skin’s elasticity.

Virgin Prunus Oil • moisturizing
INCI name: Prunus Domestica Seed Extract
Add a delicate natural almond aroma and a gentle, silky feel to the formulas. This virgin oil, rich in oleic acid and with a high tocopherol content, is derived by cold pressing the kernels of Ente Plums.

Lupin Oil • anti-oxidant
INCI name: Lupinus Albus Seed Oil
Extremely rich in carotenoids and vitamin E, this very stable oil has strong anti-oxidant and anti-radical properties. It is derived from sweet white Lupin seeds.

Cherry Powder • exfoliant
INCI name: Prunus Cerasicus (Bitter Cherry) Shell Powder
Obtained from the cherry stones, this exfoliating powder can be formulated in natural or organic face scrubs as well as in exfoliating and purifying shower gels.
IN FRANCE, LABORATOIRES EXPANSCIENCE IS COMMITTED IN THE CO-PRODUCTS VALUATION FROM REASONED FARMING TO HELP LOCAL DEVELOPMENT:

Reusing of kernels from the Agen plums sourcing by transforming them into noble ingredients:
- Virgin Prunus Oil obtained by pressing the almonds of Ente plums through solvent free process that is COSMOS approved

Stimulation of the Western region economy in France:
- Valuation of co-products in COLLAGENEER® development, with the extraction of Lupeol (active molecule) from lupines seeds’ coating
- Lupin oil and ACTIMP® are extracted from seeds of sweet white lupine

Made by grinding the pits of the Montmorency cherries, cherry powder is clean for the environment and is COSMOS approved

Originating from a revolutionary culture technique of the plant Vitex Negundo, NEUROVITY® is a perfect illustration of our CSR policy to preserve biodiversity
- The plants are grown aeroponically, in other words out of the soil, without the use of phytosanitary products
- Following extraction of active molecules, the plants are returned undamaged to their aeroponic environment

DO YOU KNOW?

All of our active ingredients are produced in France
**Sparing**

**Soline®/Solín® Bio**

- **INCI name:** Helianthus Annuus (Sunflower) Seed Oil Unsaponifiables
- Optimizes the skin’s barrier function by acting on the synthesis of key epidermic lipids. This 100% natural and preservative-free active ingredient has also soothing properties. This dual activity offers a complete response to the problems of dry, mature or reactive skin.

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**α-Lupaline®**

- **INCI name:** Lupinus Albus Seed Oil, Triticum Vulgare (Wheat) Germ Oil Unsaponifiables
- Protects DNA from harmful rays and inhibits elastase. This combination of oleodistillate of wheat germ oil and Lupin oil provides a dual response to ageing.

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**Hierogaline®**

- **INCI name:** Triticum Vulgare (Wheat) Germ Oil Unsaponifiables, Sesamum Indicum (Sesame) Oil Unsaponifiables
- Powerful anti-radical agent that protects against cellular damage even when applied after UV exposure. A preservative-free combination of oleodistillate of organic sesame oil and oleodistillate of wheat germ oil.
Laboratoires Expanscience are pioneers and world leaders in Molecular Distillation, a green process that concentrates noble molecules from an oil without any chemical!

Laboratoires Expanscience are particularly attentive to the environmental impact of its industrial facility. One of our key goals consists in the ecoconception of all our upcoming cosmetic active ingredients: innovating while measuring the impacts on the economy, the society and the environment (sourcing, process, packaging,...).

Our objective is to come up with the most virtuous active ingredients possible.

For example, our active ingredients are manufactured according to green processes:

- Molecular distillation (separation and concentration of noble molecules in oils: unsaponifiables)
- Vegetal extraction
- Biotechnology (enzymatic hydrolysis...)

**CSR Goals for 2015** : reduce by 20% energy consumption, garbage production and carbon footprint. REACHED!

Laboratoires Expanscience spice up the challenge with even stronger goals to reach by 2020:

- Electricity consumption: \(-21.5\%\)
- Gas consumption: \(-34.1\%\)
- Water consumption: \(-33.7\%\)

For 100 units produced in 2016 vs 2010

**DO YOU KNOW?**

Laboratoires Expanscience are pioneers and world leaders in Molecular Distillation, a green process that concentrates noble molecules from an oil without any chemical!
Pixalia® • sebum-regulator, purifying, soothing
INCI name: Propanediol and Water and Cleome Gynandra Leaf Extract
Acts on the iterative cascade of acne: normalises the sebum production, improves its quality and reduces the inflammation. This active ingredient exclusively obtained from dried leaves of Cleome gynandra, rich in polyphenols, targets the impurities and imperfections to highlight and refine the skin texture.

Aqualicia® • active cellular moisturizer
INCI name: Hydrolyzed Acacia Macrostachya Seed Extract and Maltodextrin
Redynamizes water flows and controls the limitation of water loss ensuring good cohesion of the Stratum Corneum and Granulosum. Biomimetic active ingredient and extract from Acacia Macrostachya seeds from Burkina Faso, Aqualicia® provides a dynamic and optimal cellular moisturization. Aqualicia® increases skins' moisturization and offers a complete response to active women needs.

Effipulp® • anti-ageing, detoxifying, plumping
INCI name: Persea Gratissima (Avocado) Fruit Extract and Maltodextrin
Revitalizes cell functions through its detoxifying effect (Proteasome). This Avocado peptides concentrate stimulates the synthesis of Hyaluronic Acid and proteins ensuring good cohesion of the stratum corneum, to restore volume to mature, dehydrated and stressed skin.

Sesaline® Bio* • anti-ageing, anti-radical, anti-oxidant
INCI name: Sesamum Indicum (Sesame) Oil Unsaponifiables
Very rich in sesamin and sesamolin, this active ingredient has powerful anti-radical and anti-oxidant properties. This oleodistillate of organic sesame oil contains no preservative.
Africa

LOCAL PARTNER AND TRIPARTITE ORGANIZATION

PUBLICATION OF ANCESTRAL KNOWLEDGE AND TRADITIONAL USES (TO AVOID BIOPIRACY)

PATENT REGISTERED AND FASTERING VALUE CREATIVE OPPORTUNITIES

RESPONSIBLE SUPPLY CHAIN:
TO PROTECT AND RESTORE
THE LOCAL BIODIVERSITY...

Preserve and avoid deforestation:
• Protection of the arbustive savanna by the economical valuation of Acacia seeds

Promote organic sourcing to preserve the lands and protect the health of the local populations
• Financing of organic certifications
• Training on good harvesting practices in Burkina Faso

New economical opportunities:
• Valuation of non exportable fruits in South Africa
• Creation of tree nursery in Burkina Faso
• Creation of new jobs to avoid the rural exodus

Fair trade practices:
• Pre-payment on crops to allow financing of storage facility, school nursery...

DO YOU KNOW?

Our annual reports, following the UEBT membership obligations, are available on www.ethicalbiotrade.org
Sourcing: Latin America

**Passioline®** • repairing, remodelling, soothing
INCI name: Passiflora Edulis Seed Oil
This Passionfruit oleodistillate repairs, remodels and soothes weakened & damaged skins. Boosts key biological markers promoting skin healing process: stimulation of cells proliferation & migration as well as collagens & elastin proper arrangement within the ECM.

**Ormesia®** • anti-pollution, detoxifying
INCI name: Passiflora Edulis Fruit Extract
Activates hormesis pathway to trigger the self-defence mechanisms of the skin. Rich in polyphenols of Maracuja, it prevents the adverse effects of IN and OUTdoor pollution to recover a detoxified skin which breathes and looks radiant again.

**Macaline®** • slimming, draining, firming
INCI name: Propanediol, Water, Lepidium Meyenii Extract
Offers a complete slimming solution to recover a reshaped silhouette, to reduce cellulite and orange-peel aspect. These polyphenols of Maca promote an optimal fat-shedding in acting on lipolysis, lipogenesis and fibrosis in the hypodermis. Microcirculation and skin firmness are also enhanced.

**Skinergium® 2/Skinergium® Bio** • anti-wrinkle, radiant skin
INCI name: Hydrolyzed Lepidium Meyenii Root / INCI name: Hydrolyzed Lepidium Meyenii Root and Maltodextrin
Boosts the skin’s radiance and luminosity and reduces wrinkles. This Maca root extract from the high plains of the Andean is recommended for mature, tired or dull skin.

**5 α-Auocuta®** • skin & hair sebum-regulator
INCI name: Butyl Avocadate
Reduces excessive sebum secretions by inhibiting 5 a reductase. Preservative-free compound made up of esters from vegetable origin, this active ingredient has proven its effectiveness on the skin and hair.
Virgin Maracuja Oil • moisturizing
INCI name: Passiflora Edulis Seed Oil
A golden oil with an evanescent fruity fragrance that spreads easily, penetrates quickly and leaves the skin softened. Brings a dry and light touch to all kind of formulations.

Cupuaçu Butter • moisturizing
INCI name: Theobroma Grandiflorum Seed Butter
A plant substitute for lanolin, this butter is capable of retaining water in the epidermis, making it an excellent moisturiser. It melts on the skin without shine. It is derived by pressing Cupuacu seeds from the Amazon forest.

Andiroba Oil • soothing, sun care
INCI name: Carapa Guaianensis Seed Oil
The limonoids (particularly andirobin), a major property of Andiroba Oil, are described in litterature as a skin natural protection from insect bites. This oil is also suitable for the formulation of soothing or after-sun products.

Avocado Oil / Premium Avocado Oil • moisturizing, hair care
INCI name: Persea Gratissima (Avocado) Oil
This nourishing and protective oil is obtained by pressing dried fruit. The refining and winterisation process produces a clear, limpid and extremely stable oil.

Avocado Powder • exfoliant
INCI name: Persea Gratissima (Avocado) Fruit Powder
Obtained from the whole fruit, this fine powder gently exfoliates the most delicate skin, refining the skin tone and optimize the action of skincare products.
Latin America

LOCAL PARTNER AND TRIPARTITE ORGANIZATION

PUBLICATION OF ANCESTRAL KNOWLEDGE AND TRADITIONAL USES
(To avoid biopiracy)

RESPONSIBLE SUPPLY CHAIN:
To protect and restore the local biodiversity...

Ensured traceability and controlled supply chain:
- A peruvian fruit processing plant, Deshidratados Tropicales, was recently acquired by Laboratoires Expanscience.

Preserve local flora & fauna and respect of local practices:
- Maca land is cultivated for two years then is fallow for 10 years
- Avocados are harvested on the foothills of Amazonia to fight against deforestation
- Maracuja seeds are food industry by-products

Promote organic sourcing:
- Financing of the organic certification for maca plantation in Peru

...While promoting local economical development and benefit sharing

Close partnership with local stakeholders and partners:
- Optimize transparency
- Promote commercial best practices: fair prices, ensure bank access to ease transactions
- Improve products quality and production leadtime: transfer of knowledge with local producers
- Provide good working conditions and the access to healthcare to our partners with personal protective equipment

1000 More than hectares protected in Latin America (since 2014)

DO YOU KNOW?

Laboratoires Expanscience makes the very most of avocado. Avocado’s co-products, obtained from our pharmaceutical supply-chain, are used to extract peptides, oil, exfoliating powder...
Sweetone® • imperfection corrector, soothing, lightening

INCI name: Schisandra Sphenanthera Fruit Extract and Maltodextrin

Reduces redness and melanin synthesis for a unified skin tone. This hydrolysate of Chinese Schizandra berries corrects skin of its imperfections and soothes sensitive skins to unveil a smoother, blemish-free complexion.

Sourcing: Asia

Certified as 100% Organic by Ecocert Greenlife according to COSMOS Standard

COSMOS certified and approved raw materials of Laboratoires Expanscience remain accepted for the formulation of finished products certified by Ecocert Greenlife.