



The innovation lab

Expert in biosourced active ingredients and processes

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Accelerating innovation in biotechnology since 2016

Leading academic expertise
in **biotechnology** for **health**
and **bioresource valorization**



Strong culture of **technology transfer**
and **innovation**



LIENSs Laboratory
UMR 7266

Biotechnology and bioresources
chemistry for health

2016

Creation of BioAqtiv

Nutraceuticals

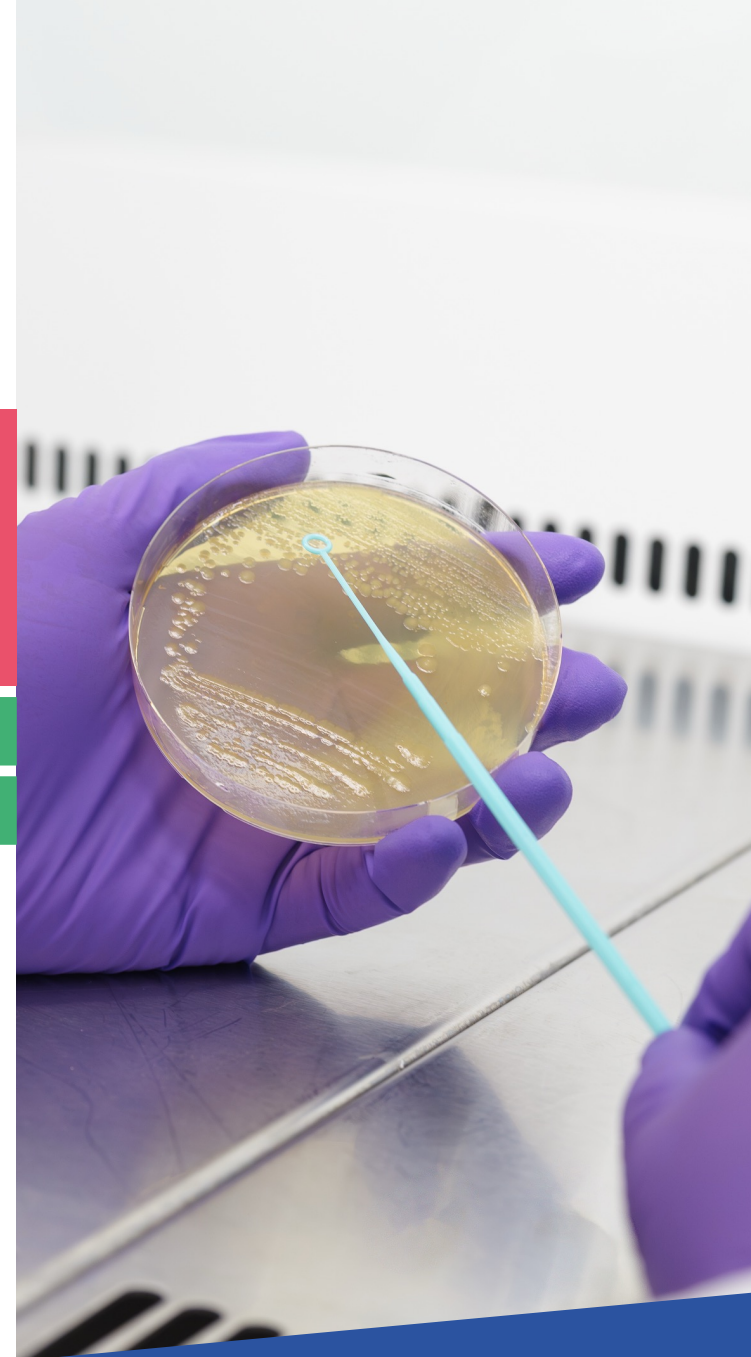
Pharmaceuticals

Dermocosmetics

Food & feed

**An innovation asset, tailored
to the needs of industrial companies
and start-ups**

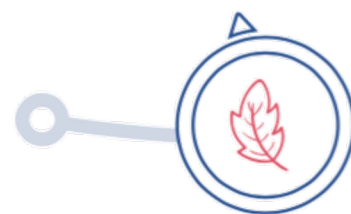
5 Biotechnology platforms



Integrated R&D capabilities, from raw biomass to the final product

- ✓ Active and functional ingredients
- ✓ Bioproduction, bioconversion, precision fermentation

Sourcing of innovative ingredients, from all types of biomass



Structural and biochemical characterization



Validation of biologic benefits



Formulation and dosage form development



Process development
Industrial scale-up,
yield optimization



Eco-design & sustainable manufacturing



A platform designed to scale-up, from concept to industrialization

Today

Maturation

From feasibility to proof of concept

Laboratory batches (1-5L)



TRL 1 to 3

Scale-up

Production processes for industrial transfer
Formulation, stability, quality

Pilot batches (30-50L)



TRL 4 to 7

2028

Pre-industrialization

Pre-industrial batches (300-500L)

