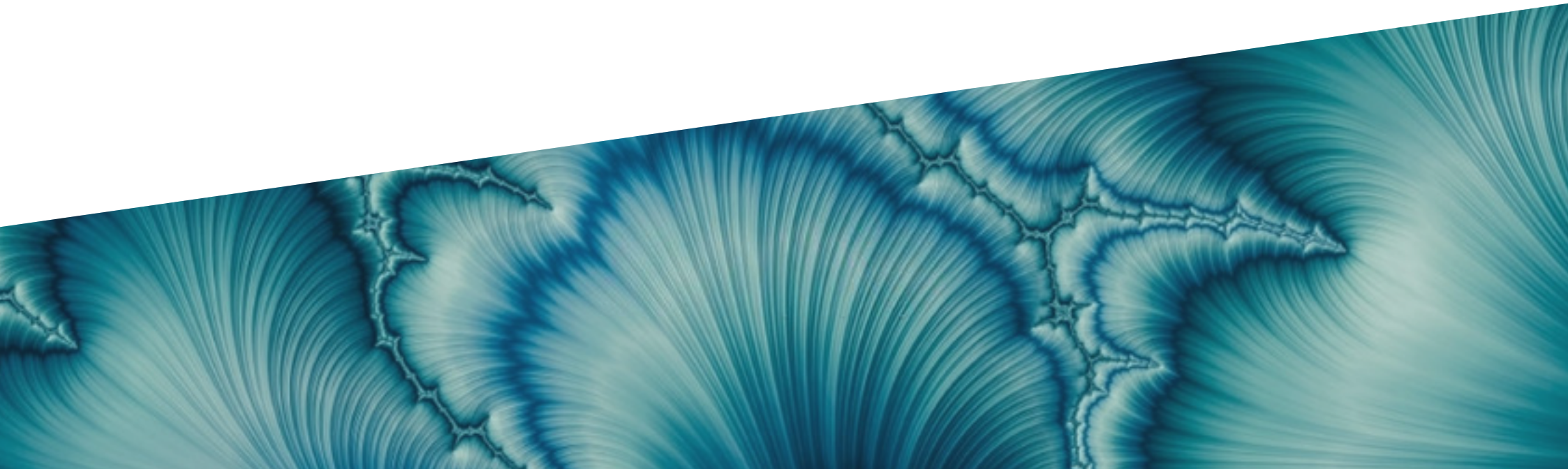
SEQENS

OUR SCIENCE FOR YOUR FUTURE

Biotechnologies

Specialty Enzymes and High-Value Active Molecules

Partnership R&D Organization



CO-DEVELOPMENT & TAILOR-MADE SOLUTIONS

TECHNOLOGIES

Biocatalysis
Biotransformation & Bioconversion

Synthetic Biology
Genetic & Metabolic Engineering

Precision Fermentation

Microbiology
Isolation
Adaptative evolution

PRODUCTS

Specialty Enzymes
Natural or Optimized

High-Value Active Molecules
Bioactive Proteins & Peptides
Polysaccharides, Oligosaccharides, Pigments, Vitamins and other Metabolites

Microorganisms
Natural or Evolved (In)active strain, supernatant, cell extract

MARKETS

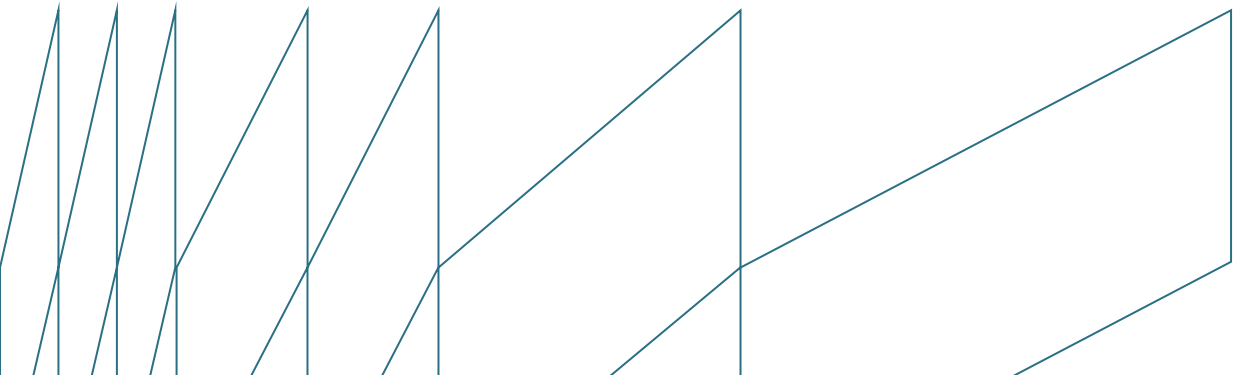
Flavors & Fragrances
Development of fully enzymatic pathways for natural label

Cosmetics
Development of sustainable processes and high-value bio-sourced active molecules

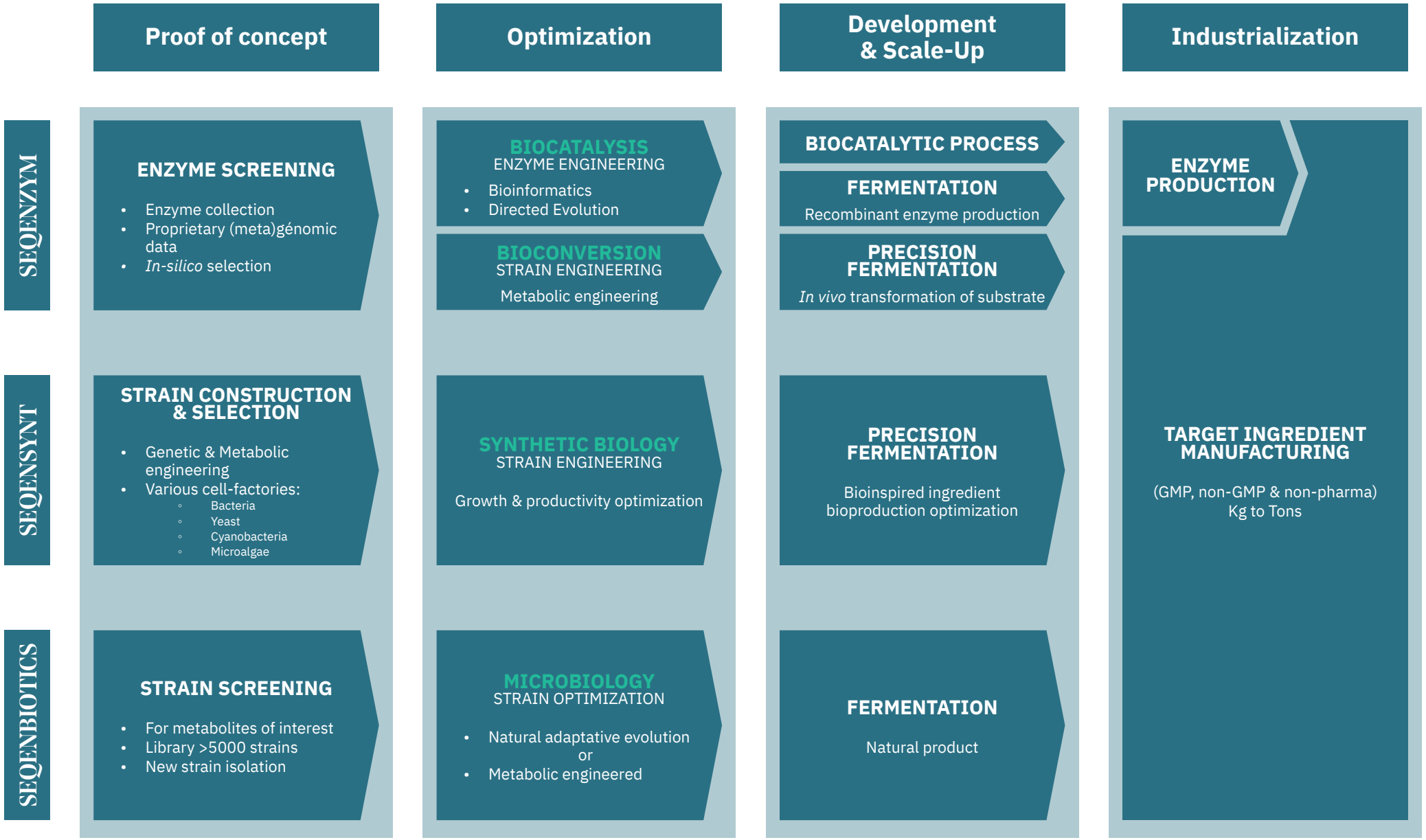
Pharmaceuticals or Health
Development of enzymes for asymmetric synthesis and chiral resolution for pre-GMP or GMP ton-scale manufacturing, bioactive proteins & peptides

Food
Development of proteins & enzymatic tools used as synthesis auxiliaries

Agrisciences
Development of biocontrol, biostimulant and specialty enzyme solutions



SEQENS' Biotechnological Platforms



PROPRIETARY PRODUCTS

SEQENZYM Customized kits
R&D Enzyme Exploration

SEQENZYM βG
Biogas booster

SEQENZYM FT
Frucosyltransferase for FOS synthesis

SEQENZYM AL
Aldolase for non natural amino acid synthesis

SEQENZYM LM
Lactamase for Vince Lactam synthesis

FIELDS IN DEVELOPMENT

Enzymatic fonctionalization of Carbohydrates esterification

Fatty acids hydratases

Fructosyltransferase & Inulinsynthase

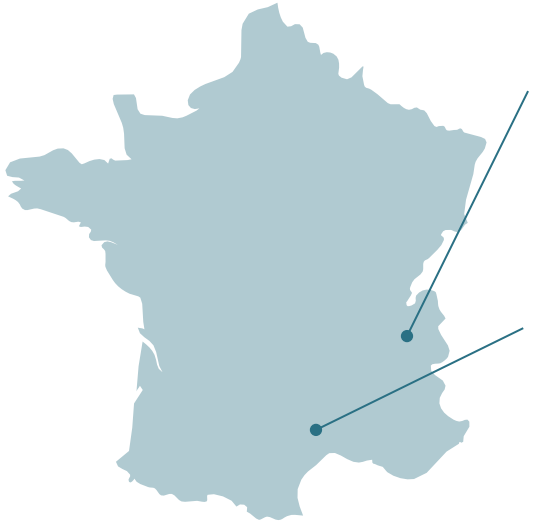
Hyaluronic Acid

Collagen & Elastin polypeptides & proteins

Various therapeutic proteins

About SEQENS Biotechnologies

SEQENS Biotechnologies offer biosolutions for every application, including high-value active molecules, microorganisms, specialty enzymes and industrial biocatalysis. Within two cutting edge research centers in France, Protéus* and Alganelle, we focus on developing bioproducts through proprietary projects and collaborations with expert partners.



Le Bourget-du-Lac
alganelle by SEQENS

Nîmes
protéus* by SEQENS

About SEQENS

SEQENS is a global partner in health, personal care, and specialty ingredients.

As an integrated player across the value chain - from raw materials to active ingredients and from research and development to industrialization - SEQENS offers a broad portfolio of active ingredients, pharmaceutical intermediates and specialty ingredients, develops and industrializes the most demanding molecules, and relies on its ability to innovate, develop and implement the best available technologies.

3,300 People

9 R&D centers

300 Scientists, experts and engineers

9 Countries

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* Legal entity PCAS SAS