proteus

BY SEQENS

SEQENBIOTICS Nutra

For natural biosolutions identification from exotic ecosystems

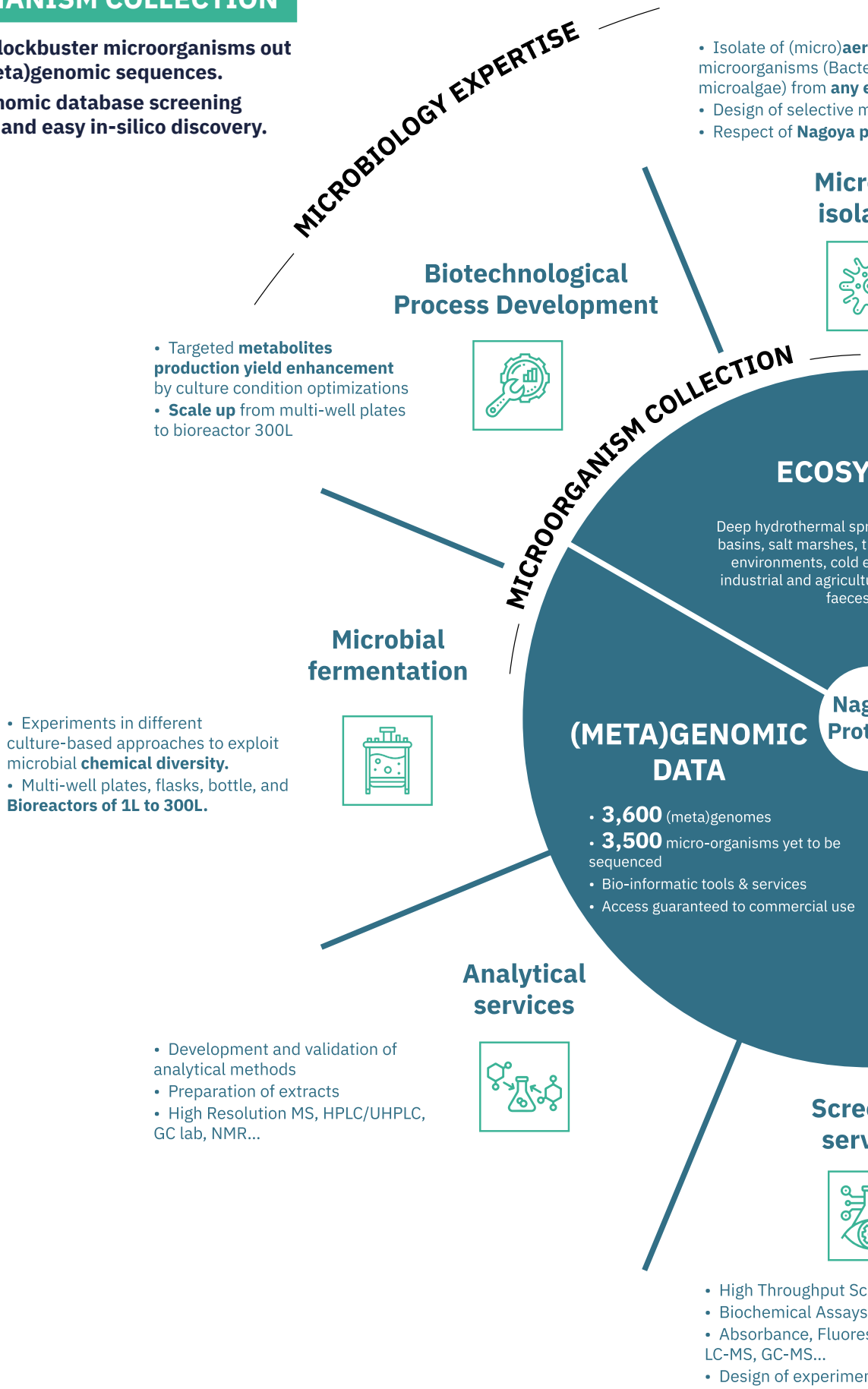
Explore our microbial collection and expand possibilities within biodiversity with our microbiology services!



MICROORGANISM COLLECTION

Find the next blockbuster microorganisms out of our 3600 (meta)genomic sequences.

Digital metagenomic database screening service for fast and easy in-silico discovery.



MICROBIOLOGY EXPERTISE

Limitless potential: isolate and characterize microorganisms from specific ecosystems of interest.

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eria, Archaea, Fungi and
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Microbial identification



- From classic micromorphology to genomic sequencing
- Taxonomic, genomic, metabolic, phenotypic analysis

YSTEMS

rings, hypersaline anoxic
hermal springs, volcanic
environments, oil field,
ural wastes, wild animal
, soils...

goya
tocol

BIODIVERSITY

- **5000+** natural microorganisms
- Incl. **600+** extremophiles & **170+** QPS strains
- Secure on-site cryopreservation

Microbial community analysis



- Identify and determine the relative abundance of microorganisms contained in samples
- **Metabarcoding and Metagenomic analysis.**

Microbial metabolic studies



- Metabolic profile exploration & assessment

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proteus BY SEQENS

About Protéus by Seqens

Protéus, a wholly subsidiary of Seqens Group, is the French leader in protein engineering technologies and associated industrial biocatalytic processes :

- **5 000+** exclusive and diversified **microorganism collection** including micro-algae and thousands of bacteria and archaebacteria extremophiles
- **+3600 (meta)genomes** combined with data mining tools, offering a unique pool of million enzymes
- **650+ enzyme portfolio** for tailor-made kits
- **Patented protein evolution technologies** (EvoSight™ & L-Shuffling™) to optimize enzymes performances
- ***In silico* design** of smart libraries & molecular dynamic analysis
- A multidisciplinary skilled team dedicated to **custom bioprocess development and scale-up** for client's applications
- Seqens capabilities enabling in-house **implementation of large-scale biotransformation processes**

Created in **1998** and within **SEQENS** since 2017

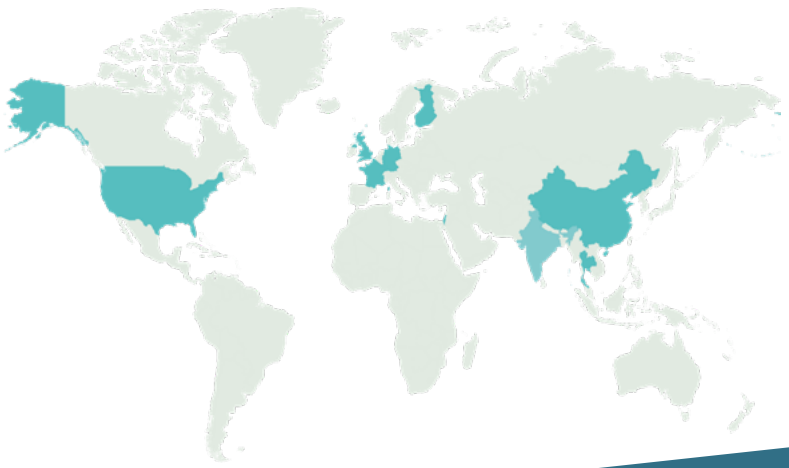
20 Research scientists & experts

Development of tailored enzymes & biocatalytic processes

Fermentation scale-up from Lab to **300L bioreactors**

The only EU-based company offering both **directed evolution** services and **large reaction capabilities**, for fine chemicals & cosmetics ingredients

Seqens, an integrated global leader in pharmaceutical synthesis and specialty ingredients



3, 300 people

9 R&D centers

9 Countries

300 scientists, experts and engineers

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for full brochure

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