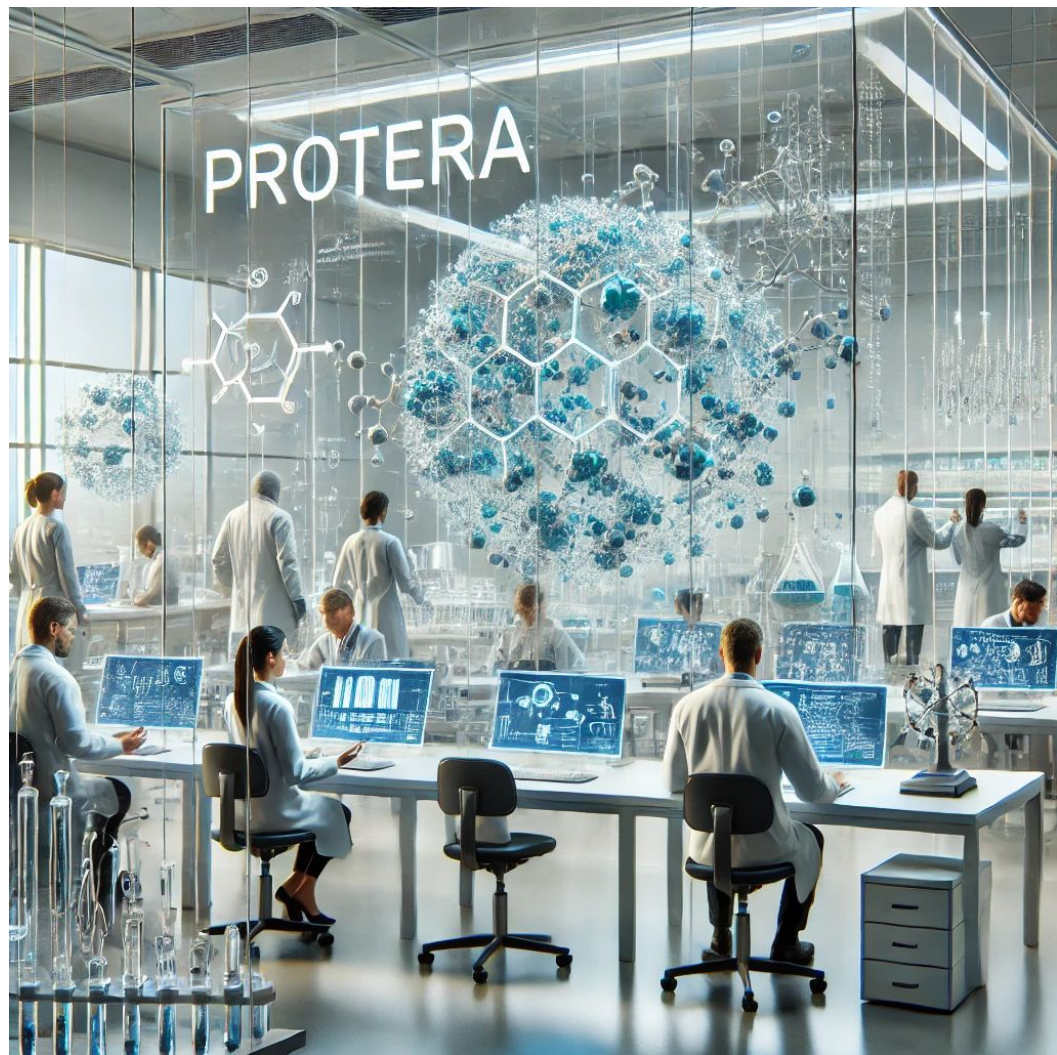




Revolutionizing Protein-based Bioactives with AI

June 2025



Our Mission

We substitute **unhealthy and unsustainable chemicals** with **safer, high-performing, and natural bioactives** derived from proteins





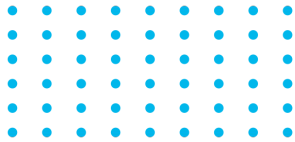
The Challenge

Protein discovery is **costly and slow**. Few products reach market due to major **bottlenecks** in expression, application fit, and scale-up

Our Solution protera

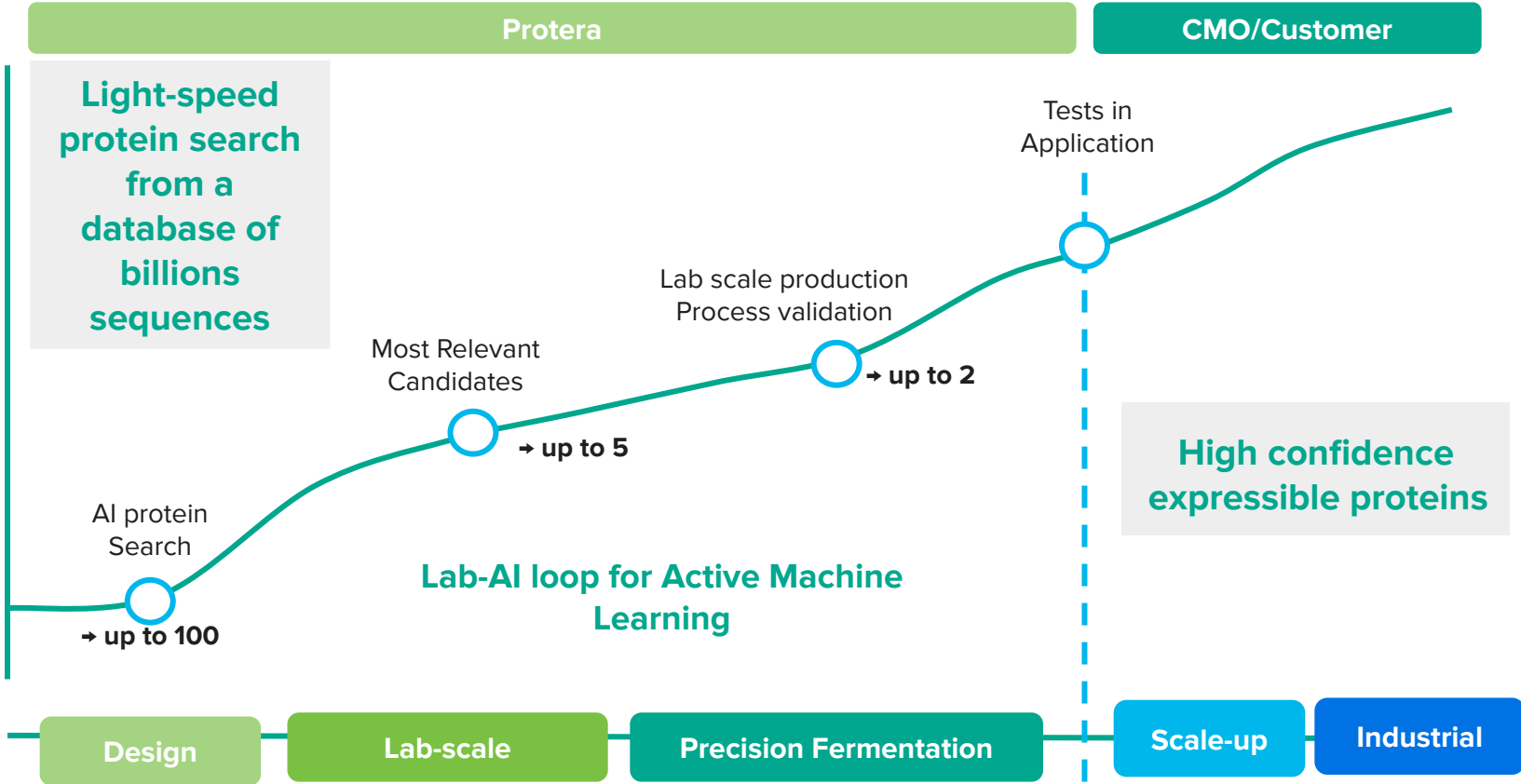
Our **AI** considerably **accelerates** discovery and design, and, combined with **Biotech**, **derisk** scalable **production**

We develop de-risked bioactive innovations



Derisk early with AI

- ✓ IP-free
- ✓ Allergenicity
- ✓ Non-toxic
- ✓ Expressible
- ✓ Soluble
- ✓ Functional
- ✓ Profitable
- ✓ Scalable
- ✓ Stable



Our technology is **unique, cutting edge, proven, and constantly learning**



Featured 3 times at NeurIPS, the world's **top AI conference**

Published in **Nature**

World's **best AI expression model** > 86% of cases outperforms leaders by 50 to 300%

Active learning for accuracy & faster time-to-market



World's **largest protein expression study** in collaboration with **CNRS**, one of the top 3 research institution globally

Proven models for enhanced protein activity: **IP free variant 6X better performing^(*)** than commercially available laundry enzyme (BASF)

(*) "better performing" means higher Activity, Stability, and Expression

In 2024, we transformed Protera for focus and impact



Industry and Strategic product Focus

- Antimicrobial applications in Cosmetics and Personal Care, then OTC
- Stopped SaaS

Enhanced AI Models for Product Development and Production

- Best-in-class in limiting biotechnology uncertainty : expression prediction and optimization
- Best-in-Class Discovery Model
- Solid proprietary database
- Global recognition

Efficient and Effective Company Organization

- New CEO early 2024
- Outsourced all non-core functions
- Consolidated all work in France
- 2.5x reduction of burn rate; drastic reduction of non core personnel

We focus on antimicrobials bioactives, a \$10B addressable market



Why Antimicrobials?

- Microbial control spans food, cosmetics, OTC - multiple high-value categories.
- AI-designed peptides offer dual benefits: preservation + targeted skin and scalp activity.
- Multi-functional bioactives are a priority for personal care R&D teams : safe, effective, label-friendly.

Our Hedge

- 4+ years of cross-industry lab & pilot testing = deep antimicrobial dataset.
- Active learning loop between lab and AI: faster, smarter iteration.
- Deep scientific knowledge of the field.

Our AI platform is optimized for antimicrobial applications. Cosmetics enables future OTC entry.

Starting with **Cosmetics and Personal Care**, a \$2B market under regulatory & consumer pressure



Learning curve in food, the hardest market

- Validated platform in a highly regulated, conservative, and price sensitive market.
- Samples delivered to top-tier food partners (Grupo Bimbo, ICL).
- Built robust data: efficacy, expression, stability in challenging applications.
- Built resilience and technical credibility that now de-risk expansion.

Now executing in cosmetics and Personal Care

- Same microbial targets, faster adoption, broader formulation potential.
- Cosmetic use cases enable faster ROI and multiple SKU leverage :

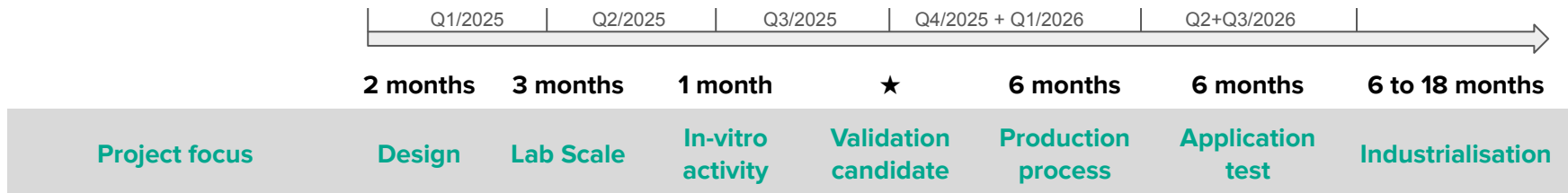
Anti-acne actives

Scalp health (anti-dandruff, microbiome rebalancing)

Skin barrier support & **wound** healing

Natural **preservation of skin care** formulations

Our Cosmetic Pipeline is solid



| |
|--|
| Antimicrobial for shelf life increase of cosmetics |
| Anti-dandruff |
| Anti Acne |
| Antiperspirant |
| Health care |

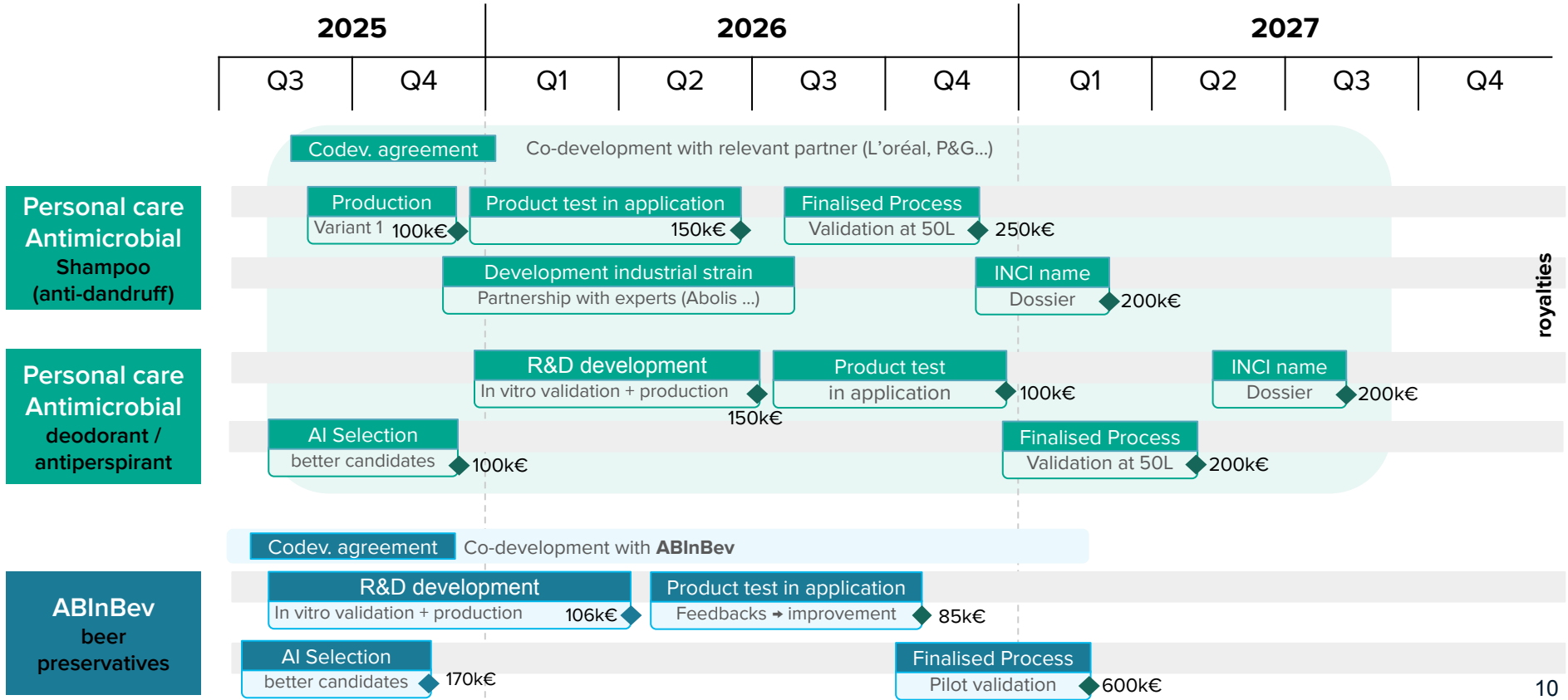


Market launch

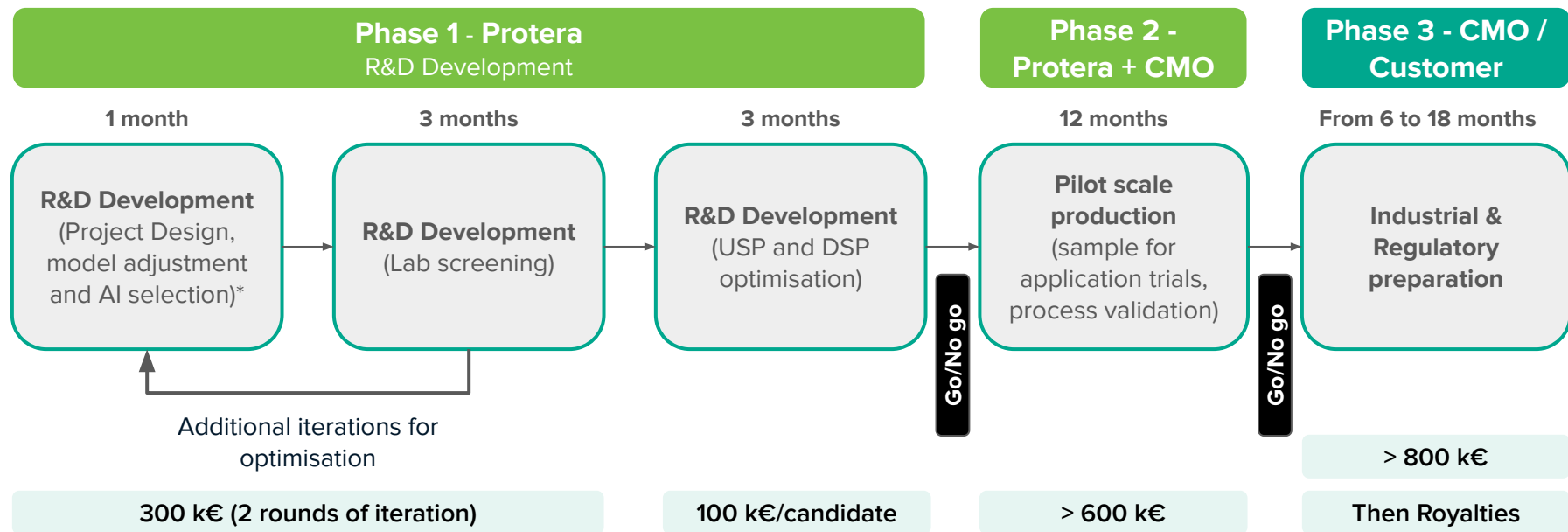
2028-2030 Pipeline (incl. Synergies with Food)

- **Anti-Aging** for skin care and Hair care
- **Antimicrobials** for food & beverage
- **Enzyme** optimisation for food processes

2025-2026 : Delivering client-validated antimicrobial innovative solutions for cosmetics and food



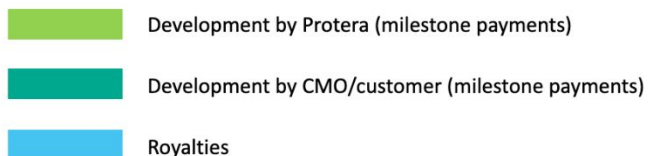
Our Business Model : create breakthrough products in partnership with industry leaders



Projected revenues



| KEUR | 2025 | 2026 | 2027 | 2028 | 2029 | 5 Year plan | 2030 | 2031 | 2032 | 2033 | 2034 | 10 Year plan |
|--|------------|-------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|---------------|
| AI platform | 0 | 50 | 100 | 100 | 100 | 350 | 100 | 100 | 100 | 100 | 100 | 500 |
| AI Campaigns | 0 | 50 | 100 | 100 | 100 | 350 | 100 | 100 | 100 | 100 | 100 | 850 |
| Product Innovations | 370 | 1050 | 2350 | 2250 | 3500 | 9520 | 11000 | 28000 | 48000 | 68000 | 88000 | 243000 |
| Antimicrobial shampoo (anti-dandruff) | 100 | 400 | 600 | 500 | 1000 | 2600,0 | 4000 | 8000 | 12000 | 16000 | 20000 | 62600,0 |
| Antimicrobial deodorant / antiperspirant | 100 | 250 | 400 | 250 | 500 | 1500,0 | 1000 | 4000 | 8000 | 12000 | 16000 | 42500,0 |
| Beer preservative | 170 | 200 | 700 | 500 | 1000 | 2570,0 | 4000 | 8000 | 12000 | 16000 | 20000 | 62570,0 |
| New antimicrobial 1 | | 100 | 400 | 600 | 500 | 1600,0 | 1000 | 4000 | 8000 | 12000 | 16000 | 42600,0 |
| New antimicrobial 2 | | 100 | 250 | 400 | 500 | 1250,0 | 1000 | 4000 | 8000 | 12000 | 16000 | 42250,0 |
| Total Revenues | 370 | 1100 | 2450 | 2350 | 3600 | 9870 | 11100 | 28100 | 48100 | 68100 | 88100 | 243500 |



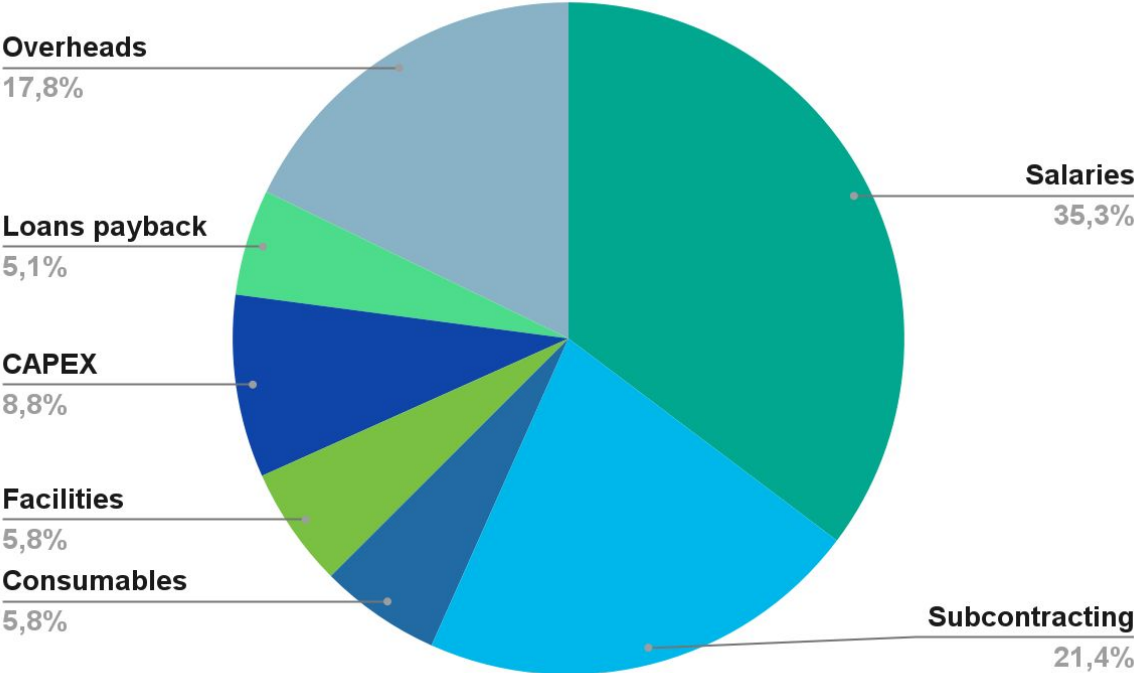
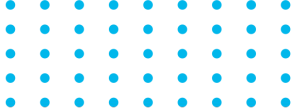


- July 2025: 2 MEUR
- April 2026: 2.5 MEUR

Additional sources of funds:

- 2025: convertible bonds (Sofinnova) - 0.4 MEUR
- Research Tax Credit - 0.3 to 0.5 MEUR/year
- Public funding - 0.2 to 0.4 MEUR/year

Projected use of proceeds (2025-26)



Why Invest Now : All of the learnings none of the overheads



2024 reset = lean Series A

- Tech de-risked: proven learning, deep dataset, initial successes
- Co-devs with Grupo Bimbo & ICL on going
- Food validates tech — but slow timelines, low margins

Return On Investment

Growth

- Bioactive pipeline (cosmetics, food, healthcare)
- R&D to PoC/PoV → licensing. **Royalties** from 2029
- Breakeven in 2029

Exit : as from 2028

- AI proves scalable innovation, IP-rich portfolio

Some of our experts



Franck
CEO
General Management, BD



Scientific Advisor

Guillaume (PhD)

Franck (PhD)

R&D team

Charles (PhD)
Machine & Deep Learning

Michael (PhD)
Mathematics & Genomics

Rajendra (PhD)
Biophysics

Laure (Msc)
Biochemistry

Board members

Thomas (PhD)

Joško (PhD)

Oswaldo (PhD)

Our Financial & Commercial Bedrock



Our investors



Sofinnova
partners



Our partners



Our main clients



KIRIN
BioMaterials




Appendices




Business revenues (2025-Q1/2027)



|  protera | | BP version 27.05.2025 | | | |
|---|--|-----------------------|-------------|------------|-------------|
| KEUR | | 2025 | 2026 | Q1/2027 | TOTAL |
| REVENUES | | | | | |
| From operations | | | | | |
| AI platform | AI campaigns | 0 | 50 | 100 | 150 |
| | Total platform | 0 | 50 | 100 | 150 |
| Protein pipeline | Antimicrobial shampoo (anti-dandruff) | 100 | 400 | 200 | 700 |
| | Antimicrobial deodorant / antiperspirant | 100 | 250 | | 350 |
| | Beer preservative | 170 | 190 | 600 | 960 |
| | New antimicrobial 1 | | 100 | | 100 |
| | New antimicrobial 2 | | 100 | | 100 |
| | Total platform | 370 | 1040 | 800 | 2210 |
| Sub-total from operations | | 370 | 1090 | 900 | 2360 |
| From financing | | | | | |
| Convertible bonds | | 400 | | | 400 |
| Series A | | 2000 | 2500 | 0 | 4500 |
| Public funding | Innov'Up (second tranche) | 52 | | | 52 |
| | New Biotech project | | | | 0 |
| | New AI/Comp. Bio project | | 225 | | 225 |
| | ANRT (PhD Thesis) | 14 | 5 | | 19 |
| Research Tax Credit | | 347 | 359 | 0 | 706 |
| Sub-total from financing | | 2813 | 3089 | 0 | 5902 |
| TOTAL REVENUES | | 3183 | 4179 | 900 | 8262 |

Cash-burn (2025-Q1/2027)



|  protera | BP version 27.05.2025 | | | | TOTAL |
|---|-----------------------|--------------|------------|--|--------------|
| | 2025 | 2026 | Q1/2027 | | |
| KEUR | | | | | |
| EXPENSES | | | | | |
| From operations | | | | | |
| Salaries | 833 | 1 305 | 452 | | 2 590 |
| Consumables | 163 | 190 | 47 | | 400 |
| Subcontracting | 482 | 817 | 238 | | 1 537 |
| Lab facilities | 83 | 268 | 59 | | 410 |
| Overheads | 610 | 470 | 89 | | 1 169 |
| Sub-total from operations | 2 172 | 3 050 | 886 | | 6 107 |
| From investments | | | | | |
| Intangible assets | 0 | 87 | 0 | | 87 |
| Tangible assets | 130 | 316 | 0 | | 446 |
| Sub-total from investments | 130 | 403 | 0 | | 533 |
| From financing | | | | | |
| Public funding loans (principal & interests) | 43 | 266 | 36 | | 345 |
| Sub-total from financing | 43 | 266 | 36 | | 345 |
| TOTAL EXPENSES | 2 345 | 3 719 | 921 | | 6 985 |

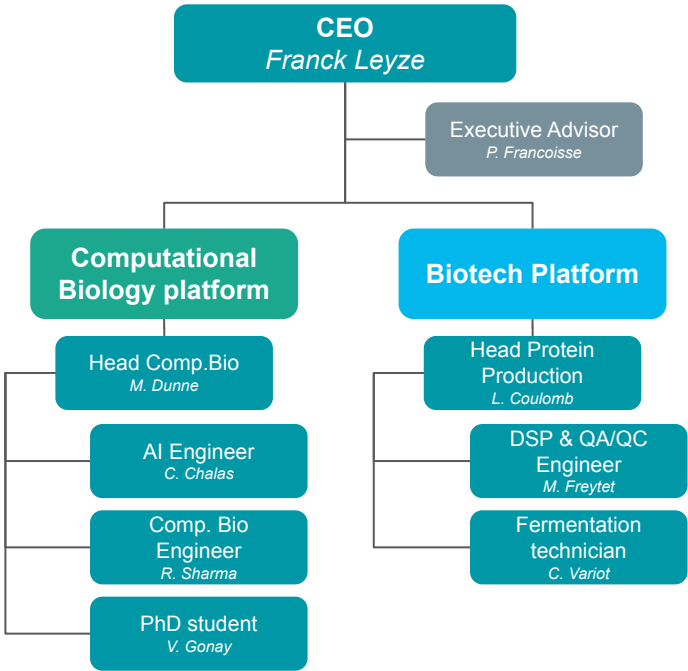
Meet the **team**: key people



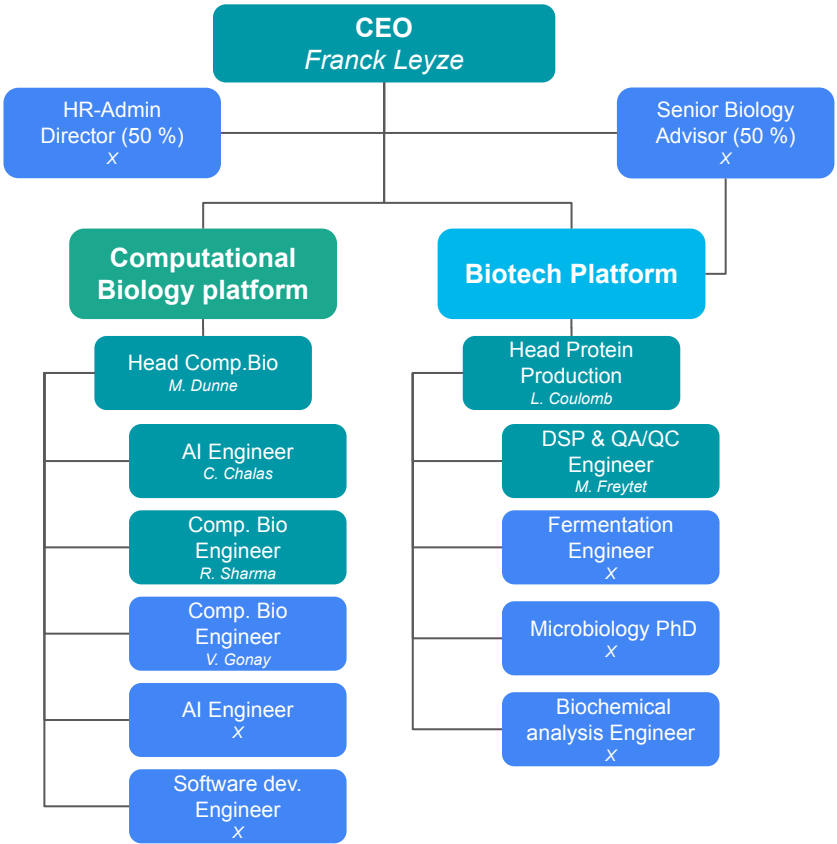
| Name | Position | Degrees | Former experience |
|-----------------|----------------------------|--|---|
| Franck LEYZE | CEO | MBA INSEAD | <ul style="list-style-type: none"> - Unilever, Nestlé : various Marketing, Commercial, and General position in Europe and Asia/China - J&J: Senior VP APAC & CEO China - Sanofi: Managing Director Consumer Healthcare |
| Michael DUNNE | Head Computational Biology | MSc Mathematics PhD Genomics Oxford Univ. | <ul style="list-style-type: none"> - Cambridge Technology: Software developer - Monolith AI: Data Scientist |
| Charles CHALAS | AI Engineer | Digital Control Engineer MSc Automation, PhD Deep Learning | <ul style="list-style-type: none"> - UTT (Univ. Technology Troyes): postdoc |
| Rajendra SHARMA | Comp. Biology Engineer | MSc Biology MSc Biotechnology PhD Computational Biophysics | <ul style="list-style-type: none"> - EPFL: postdoc - INRAE: postdoc |
| Laure COULOMB | Head Protein Production | MSc Biochemistry, food & life science | <ul style="list-style-type: none"> - Bunge: Enzymology researcher - Novozymes: Enzymology researcher - AstraZeneca: DSP engineer - Johnson Matthey: Bioprocess scientist |

Organisation chart (2025-2027)

2025 (8 FTE)



2027 (13 FTE)



Organisation Chart