

3X YOUR RECOMBINANT PROTEIN TITER IN UNDER 3 MONTHS

Up to **15x higher expression**, over **80% lower costs**,
zero regulatory approvals needed



Our Technology: High-Capacity Strain Engineering

We engineer the entire expression context using massive DNA payloads to unlock synergistic effects that standard methods miss.



Complex Vector Architecture

Construction of vectors spanning tens of kilobases, enabling stable genomic integration or episomal maintenance of complex, repetitive sequences.



Synergistic Optimization

Simultaneous balancing of gene dosage (dozens of expression cassettes) with precise regulatory tuning (RBS/Kozak/UTRs) to maximize yield without metabolic crash.



Endogenous Toolkits

Deployment of organism-specific libraries of endogenous helper factors and promoters to actively resolve folding and secretion bottlenecks.

Standard Genetic Ingegration (~8 copies)

TiterUp's Genetic Integration (>100 copies)



Titer Increase

We have achieved up to 15x increase in yields when benchmarked against single-copy systems.



No New Regulatory

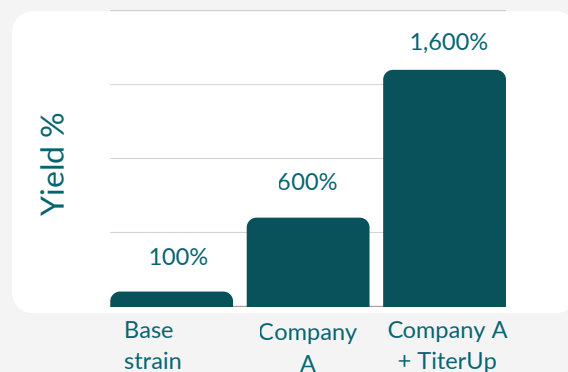
No new genes, no new regulatory approval needed. We've approved our process by the FDA, so that you don't have to.



Cost Reduction

Our technology has been proven to reduce COGS by over 80%, drastically improving the bottom line or even enabling market viability.

Commercial production data; pichia pastoris
Validated at industrial-scale (>30 kL)



We Don't Bill for Potential (\$\$\$)

At TiterUp, we deliver measurable results with a **strict success-based model**. You only pay when agreed yield milestones are met, so that our incentives are fully aligned with your production goals.

Built for Breakthroughs

When it comes to the industrial precision fermentation of proteins, titer is king. At TiterUp, we have unlocked the secret to achieving unprecedented expression levels, currently being utilized at industrial scale.

Tested & Validated

Our strain engineering platform is currently being utilized in industrial-scale manufacturing facilities. The results in our data are confirmed across multiple production runs in collaboration with global biomanufacturing partners.

Dr. Lior Zelchbuch



CTO & Co-founder

About Us

Founded by industry leaders in precision fermentation and synthetic biology (previously at Remilk & BiomX), TiterUp helps biotech companies do more with what they've already built – scaling faster, cutting costs, and delivering more sustainably to stay ahead of the curve.

Ben Adivi



CEO & Co-founder