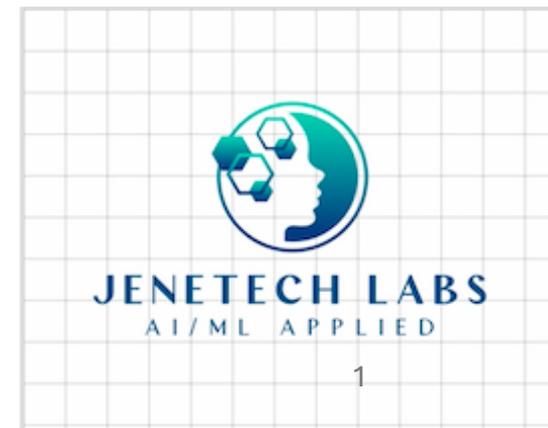
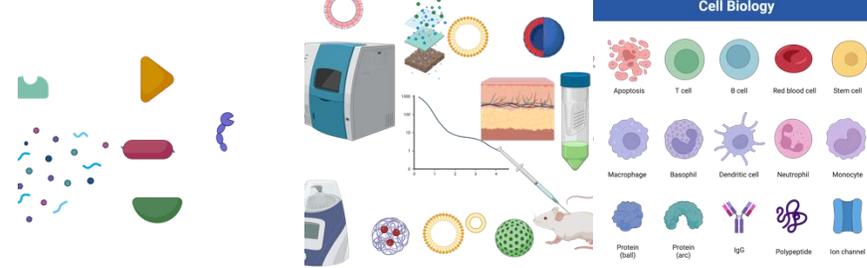


Jenetech Labs

AI-Driven Drug Product Development Platform

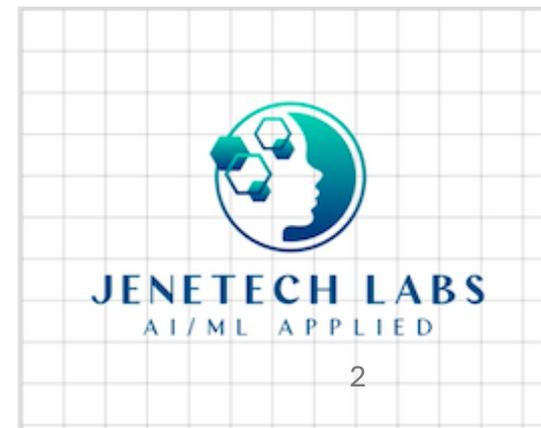
Transforming pharmaceutical formulations
through predictive intelligence

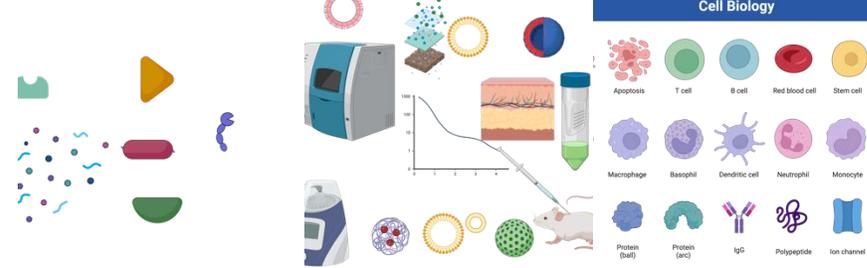




Mission Statement

- To revolutionize drug product (DP) development by leveraging AI/ML models that reduce cost, time, and uncertainty in pharmaceutical formulation and manufacturing.

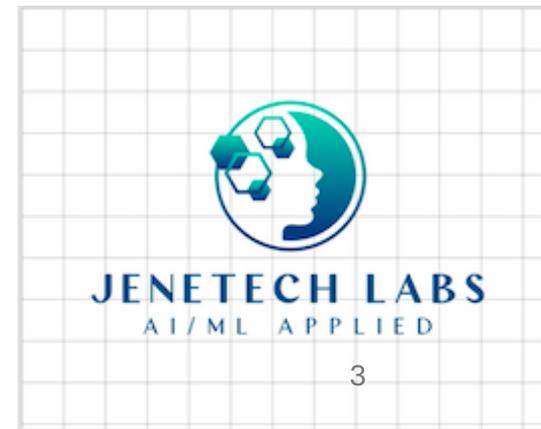


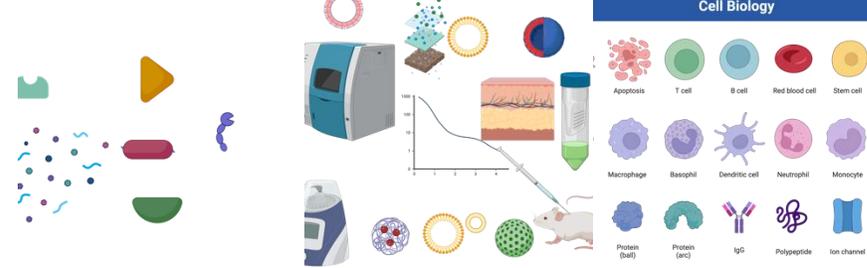


The Problem

Drug Product (DP) development is costly and unpredictable.

- Takes years of benchwork (FTEs) and millions of dollars.
- High medication costs due to lengthy formulation cycles.
- Limited predictive insights before clinical testing.

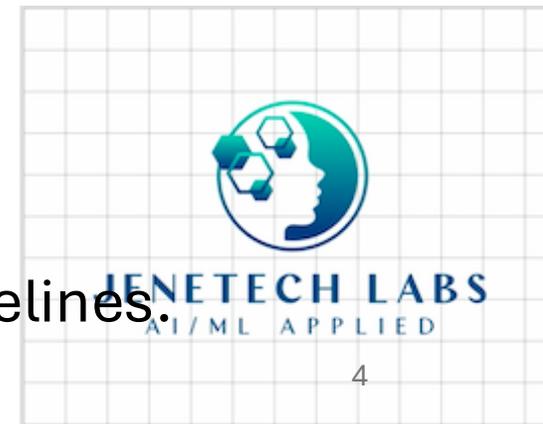


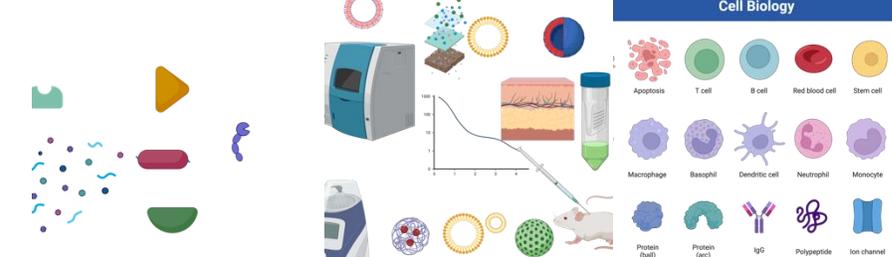


Our Solution

Jenetech's AI-driven DP platform predicts drug product performance years in advance.

- Uses validated data from multiple drug classes.
- Combines quantitative systems modeling and high-performance computing.
- Reduces preclinical and clinical development time.
- Enables faster, lower-cost personalized and generic drug pipelines.

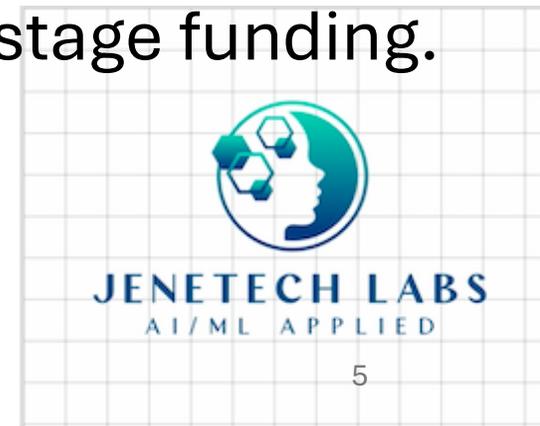


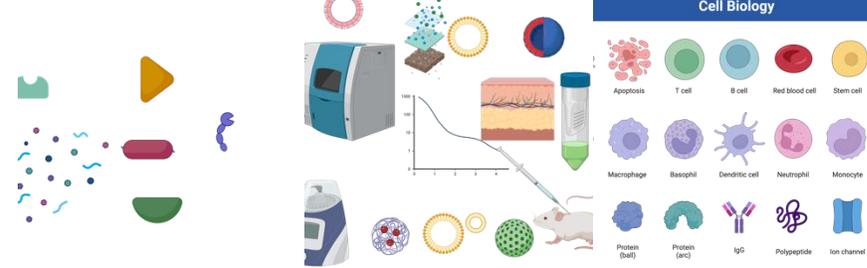


Business Model

ML-based formulation service (\$100K–\$5M per project)

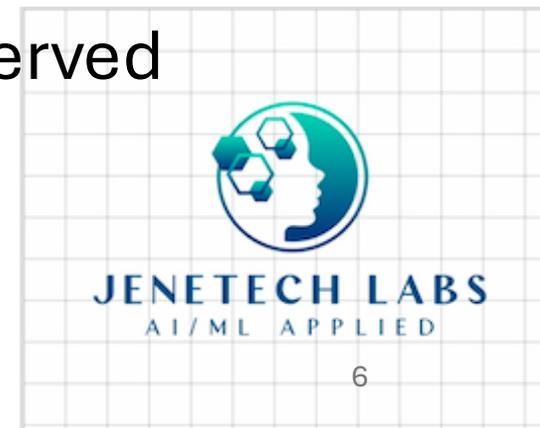
- Out-licensing internal DPs (\$1M–\$50M per product)
- CRO-style feasibility projects (\$100K each)
- SBIR grants and strategic partnerships for early-stage funding.

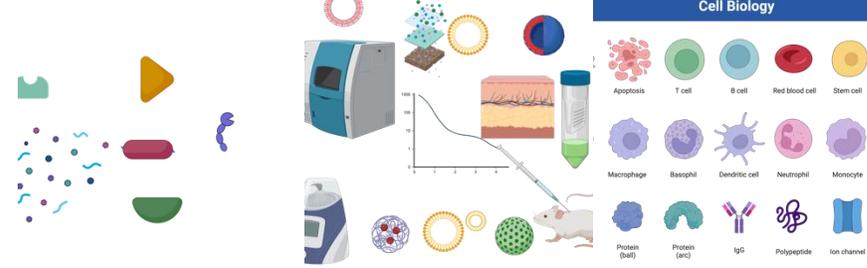




Market Opportunity

- ❖ The ML-based pharmaceutical formulation market ranges from \$100K–\$5M per service, with downstream licensing potential reaching \$50M per drug product.
- ❖ Jenetech operates in a high-value, underserved segment between drug discovery and manufacturing.





Competitive Landscape

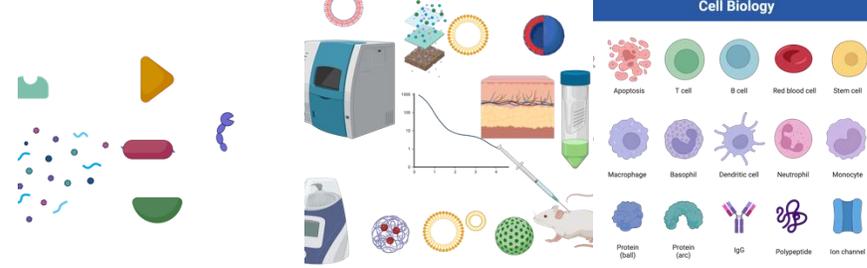
Competitors:

- Arbor Biotech – AI diagnostics (not on DP)
- Unicycive – ML clinical data (kidney focus)
- Sirenas – ML drug discovery (not on DP)

Jenetech's differentiation:

- AI/ML model focused on Drug Product (DP) formulation
- 2 patents granted, 2 pending
- 20+ years of pharma/biotech experience
- 94% FOA funding fit (AlienTT[®] platform)

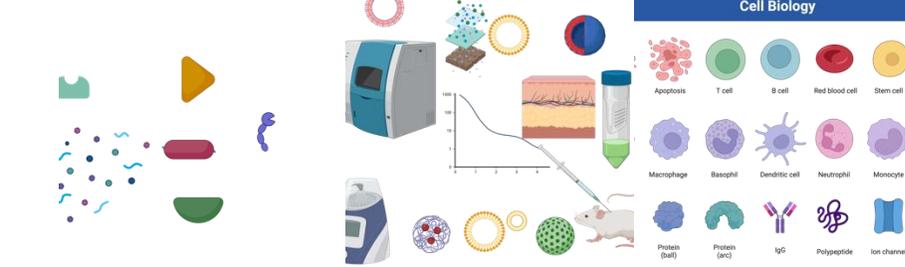




Traction

- Founded March 2024 – \$125K founder-funded
- ML model development underway with validated data
- 2 internal DP projects in feasibility phase
- Preparing for SBIR grant applications
- Early partner discussions for feasibility pilots (\$100K €





Our Team

Founder: 20+ years experience in pharma and biotech formulation.

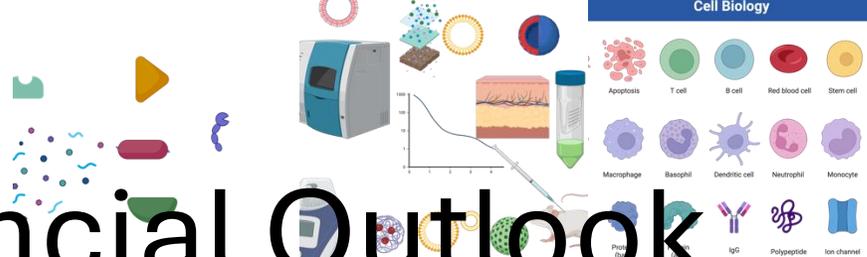
Scientific Advisory Board:

- Experts in AI/ML modeling, formulation science, and regulatory affairs.

Core Team:

- Data scientists, chemists, and engineers developing the DP expert system.





Financial Outlook

Funding Need: \$500K Angel Round

Use of Funds:

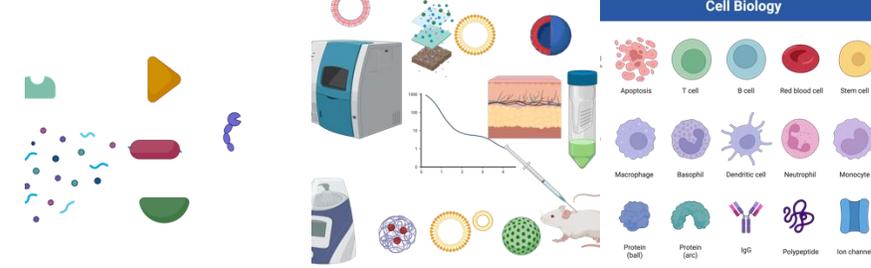
- Equipment & experiments – \$60K
- Platform development – \$300K
- Data acquisition & operations – \$100K
- Rent & overhead – \$40K

Projected Milestones:

- Year 1: ML platform prototype
- Year 2: Service launch & SBIR grant
- Year 3: Out-licensing readiness (\$500K–\$5M)



JENETECH LABS
AI/ML APPLIED



The Ask

We are seeking \$500K in angel investment to complete our first-year AI platform development.

Join us in transforming pharmaceutical manufacturing through predictive intelligence.

Contact: msekar@jenetechlabs.com | [#jenetechai](https://twitter.com/jenetechai)

