

CMC DEVELOPMENT • BIOPROCESS SCALE-UP
MULTI-OMICS SYSTEM INTEGRATION • AI + WET LAB

Eliminating the manufacturing bottleneck in drug development.

You send a sample. Our proprietary Bayesian models predict the optimal process conditions. Our automated lab proves them physically. You get an FDA-compatible data package in days, not years.

7-14 days

TO ACTIONABLE INSIGHT

vs 6–12 weeks at legacy CDMOs

30×

CHEAPER THAN CDMOs

at equivalent throughput

3mL - 80,000L

MODELED SCALE RANGE

bench to commercial

95% CI

CONFIDENCE RANGES

not single-point optima

THE BOTTLENECK

90% of programs fail before commercial scale. *Not bad science. Bad infrastructure.*

2–5 years

CMC development timeline
before a single clinical trial begins.

\$5–10M+

Burned per CMC program
outsourced to a traditional CDMO.

60%

Of Phase III failures trace
back to manufacturing variability.

WHAT BIOQORE DELIVERS



Bayesian process modeling

Proprietary architecture trained on real bioprocess data (not GPT). Simulates performance at every scale and returns robust parameter ranges.



Physical wet-lab validation

Over \$1M in micro-scale automation runs the experiments your model predicts. Physical proof, not software simulation.



FDA-compatible data package

Standardized protocols and documentation built for submission. You retain full ownership of every result.



Closed-loop learning

Each cycle feeds validated results back into prediction, so the model sharpens while your program runs.

You keep your workflow. We close the loop.

Ship the candidate under MTA. Zero changes to how your team works.

janette@kaironexus.bio

nick@kaironexus.bio

THE PARTNERSHIP PROCESS

A frictionless handoff.

Actionable data in 7 days to 1 month.

Zero workflow changes for your team. Our AI predicts, our lab validates, and you receive data you can act on and submit.

01


You provide

Drug candidate shipped under MTA, your manufacturing goals, operational boundaries, and data from prior experiments.

02


We cycle

Harmonize: AI maps your design space.
Predict: it finds unexplored conditions.
Validate: the lab proves them physically.

03


We deliver

An FDA-compatible data package with standardized protocols built to your goals — ready for submission and scale-up.

WHY NOT THE ALTERNATIVES

	Bioqore AI prediction + physical validation	Digital-only SaaS <i>Benchling, Scispot</i>	Traditional CDMOs <i>Lonza, Catalent, Samsung Bio</i>
Speed to actionable data	7 days • 20–30× faster	Fast, but unproven	No — 2 to 5 years
Physical wet-lab validation	Yes, micro-scale automation	No	Yes
AI optimization	Bayesian, 95% CI	Yes, but black box	No
Regulatory data package	FDA-compatible	No	Yes
Cost per program	30× cheaper	—	\$5–10M+
US-built / BIOSECURE	Yes	No	No — offshore

HOW A RELATIONSHIP GROWS

LAND

\$150K–600K

First project, run as a publishable case study for your program.

CONVERT

Subscription

Recurring access and ongoing data.
Models running against your environment.

LICENSE

\$10–20M / asset

Per-molecule licensing of the validated process package.

Start with one molecule.

One program, one fixed scope — and a case study you can publish.

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