

Biotech Breakroom for Scientists & PhD Programs

A biotech business-literacy simulation and app-centered workshop for graduate student professional development

The Problem

Scientists are trained deeply in science, but many receive limited exposure to the business realities that shape biotech careers, company risk, and startup outcomes.

- Runway, burn rate, and funding pressure
- Product-market fit and customer need
- Commercialization strategy and recurring revenue
- Investor, board, and governance expectations
- Hiring, resource allocation, and equity dilution
- Why strong science alone may not be enough

The Solution

Teach biotech business literacy through decisions, not just lectures. Biotech Breakroom puts trainees inside a simulated biotech startup where they practice how business tradeoffs shape science, strategy, and survival.

How Biotech Breakroom Works

The app is the experience. The workshop turns it into learning.

- Session 1: 45-60 minute startup-literacy onboarding and simulation launch
- 30 days: independent gameplay managing a simulated biotech startup
- Day 15: strategy follow-up, progress discussion, or reflection
- Day 30: Industry Readiness Report plus live final debrief/offboarding

What Trainees Practice

- Managing cash, runway, data, and startup risk
- Connecting scientific progress to customer need
- Choosing when to hire, fundraise, build, pivot, or commercialize
- Handling investor pressure, board expectations, and company constraints
- Seeing why strong science alone may not create a sustainable company

Why It Matters

Business literacy is not only for future founders. It helps scientists make better decisions when evaluating startup jobs, company risk, commercial strategy, and the connection between technical work and company priorities.

- Entrepreneurship: understand how ideas become products and companies
- Job selection: ask better questions about runway, risk, traction, and role expectations
- Industry performance: connect technical work to company priorities and commercial goals

Industry Readiness Report

Each trainee receives a private PDF artifact summarizing their simulation run and translating outcomes into career reflection.

- Executive snapshot: survival, valuation, cash, MRR, burn, runway, products, employees, and founder ownership
- Startup thesis: market selected, TAM/SAM/SOM, demand, CAGR, competitor landscape, and validated solution
- Readiness profile: capital discipline, milestone velocity, commercial execution, hiring discipline, ownership management, and resilience
- Certificate of completion for participants who complete the cohort workflow

Potential Fit

- Graduate professional development seminar
- Biotech careers workshop
- Entrepreneurship-for-scientists module
- Translational science or commercialization session
- Departmental seminar or graduate retreat activity
- PhD/postdoc startup-readiness program

Workshop Model

Delivered as an app-centered workshop package: app access plus live launch, cohort structure, 15-day follow-up, Industry Readiness Report, certificate of completion, and live final debrief/offboarding.

Pilot & Pricing

Free Pilot Cohort

Free / first pilot cohort

5 available. Includes 30-day simulation, 15-day follow-up/discussion, live final debrief/offboarding, Industry Readiness Report workflow, and certificate of completion. Successful pilots may be eligible for discounted continuation pricing.

Startup Literacy Workshop Package

\$5,000 / cohort

Standard cohort package with 12-month app access, live workshop launch, 15-day follow-up/discussion, Industry Readiness Report workflow, certificate of completion, and live final debrief/offboarding.

Creator

Created by Dr. Diego Avellaneda Matteo, PhD, MBA - a biochemist and biotech industry professional with experience in enzymology, synthetic biology, field applications, customer-facing technical support, and biotech commercialization.

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