

ACCELERATE PHARMA DEVELOPMENT WITH MACHINE LEARNING MOLARIX

THE PROBLEM

Chemical and biological product development still relies heavily on manual calculations and fragmented data across Excel, equipment software, and reporting tools. These disconnected workflows create delays, increase the risk of errors, and lead to repetitive work throughout development.

OUR SOLUTION

Molarix's Formulation Studio is an easy-to-use cloud platform built for pharmaceutical development workflows, without requiring heavy IT implementation. It combines ML-based formulation predictions, statistical methods, automated calculations, and report generation in one place.

An early prototype reduced time spent on manual data gathering, calculations, and review by 50%, helping teams accelerate the development of new pharmaceutical products.

PATENT STATUS

Patentability is still being investigated, especially regarding the ML algorithm.

FINANCIAL OVERVIEW

Our business model is subscription-based. Each license is unique and can be billed monthly or annually. Organizations can request multiple licenses for their product development teams.

MILESTONES

- Software development is advanced, early-phase release is scheduled for the beginning of 2027
- Global attraction for our prototype version, multiple people started using the early build
- Target launch date is Autumn 2027. Looking for soft-funding or VC opportunities.

TARGET MARKET & CUSTOMERS

- Initial target customers are Danish pharmaceutical and biotechnology startups, SMEs, later larger enterprises
- Available market is global

THE PROFILE WE ARE LOOKING FOR

Preferred qualifications

- Business educational background
- Optional experience and network within the pharmaceutical industry
- Interest and experience regarding software startups

Personal fit

- Open-minded, responsible and resourceful attitude, good management skills

TASKS & RESPONSIBILITIES (FIRST 3 MONTHS)

- Market research and business strategy development
- Communication with potential clients, attend networking events, present the project, gather feedback for product features
- Pursue funding opportunities, enhance applications, presentations

ACADEMIC & ENTREPRENEURIAL BACKGROUND OF CURRENT CO-FOUNDERS

Co-founders:

- Benedek Dunavölgyi – chemical engineer
- Donát Hajszter – IT engineer, cloud architect

External Advisor:

- Faramarz Moshfegh – senior pharmacist, formulation scientist

PHYSICAL ADDRESS

Our current operation is fully remote, as our team is based in Copenhagen and Budapest, Hungary. We are also a part of DTU Skylab.



ABOUT OPEN ENTREPRENEURSHIP

Open Entrepreneurship (OE) is a collaboration between all Danish universities aiming to create more research-based startups.

REGISTER YOUR INTEREST

Deadline is November 8th, 2026
www.open-entrepreneurship.com/cofounder/