

AI-driven phage discovery for industry

PHAIGE

THE PROBLEM

Phage companies need the right bacteria-killing viruses quickly, with reliable data. Finding and matching phages still relies on slow, variable manual lab work.

OUR SOLUTION

An AI-driven phage discovery service. Our automated pipeline isolates and characterizes phages, providing customers with genome sequences and host-range data.

PATENT STATUS

No patents filed yet. Our assets include phage data, prediction models and isolation protocols. We are agreeing IP terms with UCPH.

FINANCIAL OVERVIEW

Planned revenue from phage discovery services and recurring customer agreements. We aim to bootstrap pipeline development through soft funding for as long as possible before seeking VC investment.

MILESTONES

Achieved: UCPH PoC grant and an automated discovery prototype. Applications submitted to BII Venture Lab and InnoExplorer.

Next: apply for PoC-max and further soft funding, develop the pipeline and convert pilot interest into paid engagements.

TARGET MARKET & CUSTOMERS

B2B customers include phage therapy and phage product companies, hospitals, animal health, agriculture and food safety.

THE PROFILE WE ARE LOOKING FOR

Preferred qualifications

- Business strategy, financial planning and funding experience.
- Early startup experience preferred. Ideally has co-founded a company, especially in life sciences.
- Experience securing grants and other soft funding, with an understanding of later VC fundraising.

Personal fit

- A collaborative partner who can advise the scientific founders, challenge assumptions and help build the business with disciplined use of capital.

TASKS & RESPONSIBILITIES (FIRST 3 MONTHS)

Help shape the business model and funding roadmap. Build a budget and cash-flow plan. Prioritize PoC-max and further soft-funding opportunities, and advise on pricing and pilot agreements.

ACADEMIC & ENTREPRENEURIAL BACKGROUND OF CURRENT CO-FOUNDERS

Jonas Fernbach: PhD ETH Zurich. Phage engineering and AI at UCPH. Co-founder and CEO.

Albert Alonso: PhD in Biophysics. Probabilistic ML for host prediction at Aalborg University. Co-founder and CTO.

PHYSICAL ADDRESS

UCPH, Section for Microbiology, Copenhagen.



www.phaige.dk

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/