



CO-FOUNDER NEEDED

For Cleaner and Safer Dietary Supplements

BioCreatine

THE PROBLEM

Currently, commercial creatine supplements are produced by chemical synthesis from fossil resources such as coal. This process is energy intensive and unsustainable.

Furthermore, it can introduce impurities, such as cyanamide derivatives, associated with undesirable taste and health concerns.

OUR SOLUTION

We are using precision fermentation to produce creatine from renewable resources, without toxic impurities. Our solution uses the natural creatine pathway inserted into a bacterial host.

PATENT STATUS

We have one patent in PCT phase protecting the strain and our screening strategy. We also filed a patent for a closely related enzymatic process.

FINANCIAL OVERVIEW

We are funded by a DTU PoC grant, a NNF Pioneer Innovator grant and we are supported by the BRiGHT Biofoundry.

Our aim is to secure additional academic funding in order to scale the technology and mature the business plan, with the intention of spinning out within two years.

MILESTONES

We have demonstrated biocreatine production, purified an initial prototype and performed a preliminary techno-economic assessment.

By the end of 2026 we aim to scale fermentation to 30 L and optimize our fermentation and downstream processes further.

TARGET MARKET & CUSTOMERS

Dietary supplement market: premium quality product for health-conscious individuals, plant-based diet, elderly, athletes.

CO-FOUNDER PROFILE WE ARE LOOKING FOR

- Background in business, entrepreneurship, or relevant experience
- Strategic thinking and market awareness
- Strong communication, sales, and negotiation skills
- Curious, proactive, open, resilient, and comfortable in a startup environment
- Collaborative mindset and strong team spirit

TASKS & RESPONSIBILITIES (FIRST 3 MONTHS)

- Contribute to the business strategy and value proposition
- Conduct market analysis
- Coordinate early project activities
- Drive grant applications and pitch the project to partners and accelerators.

ACADEMIC & ENTREPRENEURIAL BACKGROUND OF CURRENT CO-FOUNDERS

Lei Yang, PhD, Senior Researcher, Team Leader at BRiGHT

Paul Jacottin, PhD, Postdoc, BioCreatine Project Leader

PHYSICAL ADDRESS

BRiGHT, Novo Nordisk Foundation Biotechnology Research Institute for the Green Transition

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We are open to remote or hybrid work.



ABOUT OPEN ENTREPRENEURSHIP

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

www.open-entrepreneurship.com



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