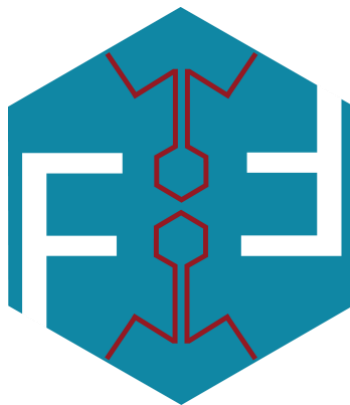


Technical and Financial Proposal

Cultivation of bacteriophages
against *Pseudomonas syringae*



Customer	
Name:	Institute of Experimental Botany, Czech Academy of Sciences
Address:	Rozvojová 313, 165 02 Prague 6, Czechia
Web:	https://iebpathofyz.wixsite.com/patofyz1
Contact person	
Name:	
Position:	
Phone:	
E-mail:	

Offer No.:	N3H25FF v00	Your ref.:	
Prepared by:	(signature)		
Issued on:	17.4.2025	Valid until:	31.5.2025

Akceptace ÚEB AV ČR, v. v. i. dne 26.5.2025



About FAGOFARMA

FAGOFARMA is a Czech company focused on research, development, and innovations in the field of microbiology and biotechnology.

Our experienced team of experts works in two main consecutive ways – preparation of phage and other microbial cultures at a laboratory level, and transfer of the preparation technology to a production scale.

GMP certificates issued by Czech pharmaceutical authority has proven that we put enormous stress on the quality of our processes as well as the final products.

Our research and manufacturing activities includes production of bacteria-based immunological products, realised in three main segments:

- Bacterial lysates
- Phage lysates
- Bacterial enzymes.

FAGOFARMA is a holder of GMP certificates:

- **Human Investigational Medicinal Products:** No. sukls218594/2023 from December 1, 2023
- **Active Substances:** No. sukls218593/2023, from December 1, 2023

List of abbreviations

GMP = Good Manufacturing Practice
GDP = Good Distribution Practice
GMO = Genetically Modified Organism
HIMP = Human Investigational Medical Product
DP = Drug Product
DS = Drug Substance
QC = Quality Control
MCB = Master Cell Bank
MPB = Master Phage Bank
RCB = Research Cell Bank
RPB = Research Phage Bank



Scope of the offer

The scope of the proposal is cultivation of bacteriophages against *Pseudomonas syringae* pv *tomato*. The Client will provide with the phages (3 strains), host bacterial strains (1 to 3 strains) and description of the production processes at least at the laboratory scale.

The target is the process prepared for production in scale of app. 1 to 3 L and production of 1 non-GMP batch of each phage.

All the organisms are non-GMO.

The project will consist of two stages:

Stage 1 – Feasibility study

Within this stage, FAGOFARMA:

- will receive materials of the Client,
- will test the received materials and methods to verify the concept,
- will switch the processes to the system usable for larger scale production.

At the end of this stage, both FAGOFARMA and the Client have the right for GO / NO-GO decision for the further stages.

Duration: 3 to 5 weeks.

Costs: 50 000,- CZK

Stage 2 – batch production

After the Stage 1, FAGOFARMA will produce one batch of each phage, volume app. 1 L, titre to reach app. 1e10 PFU/ml.

Each batch will be tested for titre, sterility / bioburden, endotoxins.

Duration: 3 – 5 weeks

Costs: 50 000,- CZK

The costs and the duration could change based on the results of the Stage 1.

