1. pielikums
Platformas "Biomedicīnas un fotonikas pētniecības platforma inovatīvu produktu radīšanai (BioPhoT)" pētniecības un inovāciju projektu konkursa nolikumam

The 1st STAGE

BioPhoT Open Call Application form

Project No. IVPP-EM-Inovācija-2024/1-000

The application must be written in English. The highlighted explanatory text must be deleted.
Questions marked with (*) are mandatory.

1. INFORMATION ABOUT THE PROJECT LEADER		
No.		
1.1.	First name, Last name*	
1.2.	Researcher ID (SCOPUS or ORCID)*	
1.4.	Email for correspondence*	
1.4.	Phone number*	
1.5.	Organisation represented*	
1.6.	Partners (research organization(s), if any)	

2. JUSTIFICATION FOR APPLICATION	
No.	
2.1.	Compliance with Latvian Research and Innovation Strategy for Smart Specialization (RIS3[1], [2]) in the area of *: ☐Biomedicine, medical technologies and bio-pharmacy; ☐Photonics, smart materials, technologies and engineering systems;
2.2	Does your technology/solution/idea have a dual-use/defence-only potential/application? * ☐ YES (dual-use) ☐ YES (defence-only) ☐ NO (neither dual-use nor defence-only)
	If YES, please justify and provide evidence (for example, market/industry feedback - email exchange, letter of intent from potential end-user/customer, previous research or project implementation for the same technology within military application, expressed interest from potential customers etc.) why it has a potential dual-use/defence-only application? If NO, then leave this empty (max. 250 characters)
2.3	Your current entry TRL* **TRL = ___** *Write only one number here (delete this text afterwards)* ☐ I confirm the entry TRL is reviewed and approved by a BioPhoT assigned mentor

[1] More information about specific RIS3 specialisation field and specific challenges available under point 3.1.1 here: https://likumi.lv/ta/id/321037-par-nacionalas-industrialas-politikas-pamatnostadnem-20212027-gadam
[2] https://likumi.lv/ta/id/352914-par-ilgtermina-valsts-petijumu-programmu-inovaciju-fonds--ilgtermina-petijumu-programma

3. INNOVATION PROJECT DESCRIPTION	
No.	
3.1.	Project Title* *Your project will be identified by this title (max. 100 characters)*
3.2.	Project Acronym* *Please enter the short acronym of the Project Title (max. 30 characters).*
3.3	Short project description*[3] *Explain your project **in one paragraph**. What is the technology in nutshell and its innovation. Describe your hypothesis for its market (real-life) application and practical implementation (max. 250 characters).*
3.4	Problem description* *Explain the real-world problem(s) your technology or innovation solves. Justify how you know it is a real and important problem, now or in the future. Identify potential end-users/customers, the challenges they face, and their current needs. Describe how your technology can create shared benefits for society, the economy, business, and science (max. 500 characters).*
3.5	Your solution* *Explain how your solution addresses the problem(s) described in 3.4. State what is unique, superior, or innovative compared to existing or emerging solutions or research.* *Mention previously implemented projects, patents or publications associated with your technology (max. 500 characters).* *If available, provide market evidence that proves the need and interest from your target industry (e-mails from potential end-users/customer, letters of intent etc.)*
3.6.	Market potential* *Briefly describe the target market (TAM, SAM, and SOM), are there any significant entry barriers, who is (are) the potential customer(s) (remember that end-user is not always the customer and be specific when identifying the potential customer), and why you think they will pay for your product or service, show existing/future demand (max. 500 characters).* *Remember - patient treatment/diagnostic methods are also fully eligible.*
3.7	Team: roles, capabilities and resources* *Introduce and justify the key team members and their strengths. Show a good balance of technical and business expertise, ideally with industry or end-user insights. Define their roles and relevant experience to ensure project success. Solo-teams will not be accepted.* *Project Leader -* *Business developer -* *Others -* *If certain expertise/roles are missing, explain how you will complete them during the project implementation.* *Additionally, describe the available resources, for example, access to specific infrastructure at your organisation or through project partner organisation. Provide only the key resources that are most relevant to demonstrating the uniqueness of your proposal. (max. 1000 characters)*
3.8	Project roadmap and budget*

[3] Project short description will be made publicly available. Do not include any confidential information.

	Describe the planned tasks and deliverables with an estimated budget for a 12-month project. If possible, please explain how you plan to finance next stages of technology development and commercialisation (should be aligned with Point 3.9 Commercialisation strategy). *You need to demonstrate to the industry panel experts your understanding of what should be included in such innovation development project and what not. And ideally, convince that you have a plan after BioPhot how to develop this innovation further.* *This is only indicative plan, but you should stick to it when preparing full budget of the 2nd stage proposal (max. 500 characters).*
3.9.	Commercialisation strategy: scalability and implementation *[4] *Describe your potential commercialisation and go-to-market strategy/roadmap following the 12-month BioPhot project, including your intellectual property strategy. Present your vision for how your innovation could be implemented in everyday society in the future (max. 500 characters).*

4. ANNEXES	
Nr.	
4.1.	CV of the project leader* *Your CV should be provided as a separate file. Do not include it in this document.*
4.2.	*If necessary, the applicant shall indicate and attach other important information as additional annexes to the application or delete this line.*

Acknowledgements*:

☐ I confirm that I qualify to the Cabinet Regulations clause 2.12.[(6)].
☐ I confirm that I officially represent research organisation that is registered in scientific institutions register at https://sciencelatvia.gov.lv/.
☐ I confirm that I am not a sanctioned person and do no hold Russian or Belarusian citizenship.
☐ I confirm that the expenses and costs foreseen in the project will not be subject to double financing.
☐ I confirm that there are no restrictions of commercialisation of our background (existing) and foreground (to be developed during the project) intellectual property and it has not been sold or licensed to any third party.

[4] For biomedical technologies this includes also publication of treatment methodology.