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# Mācības

## «Kā gatavot Marijas Sklodovskas Kirī Pēcdoktorantūras stipendiju pieteikumu»

Liene Ekša  
Latvijas Zinātnes padomes  
Apvārsnis Eiropa  
Nacionālais kontaktpunkts

2023.gads



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Pirmā diena

**13:00 -14:30** Ievads ( Mācību plāns, NKP funkcijas. MSCA-NET . Kas ir MSCA PF)

*Pauze 15min*

**14:45 -15:45** Kā notiek iesniegšana (Funding&Tenders)?Vērtēšanas ABC  
Kas jāzina sniedzot projektu programmā “Apvārsnis Eiropa”

*Pauze 15min*

**16:00-17:00 Pārskats (Pieteikuma veidlapas struktūra (īsumā),  
Abstrakts, Atslēgas vārdi un panelis, Kopsavilkums, ko šodien  
apgvām?)**

**17:00** Pirmās dienas noslēgums

Otrā diena

**9:00 -10:30** Pirmā daļa **Kā rakstīt Izcilības daļu?**

Q&A

15min pauze

**10:45 -11:45** Otrā daļa **Kā rakstīt ietekmes daļu?**

Q&A

15min pauze

**12:00 -13:00** Trešā daļa **Kā rakstīt īstenošanas daļu?**

Q&A

**13:00-13:30** Noslēgums un kopsavilkums (Tālākā sadarbība, termiņi  
priekšpārbaudei, Jautājumi, atbildes, brīvais mikrofons)



# MSCA PF pieteikuma struktūra

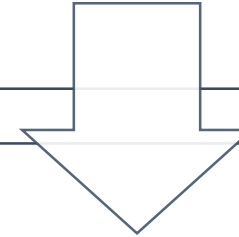


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## **Part A** - administrative forms

are filled *on-line Funding&Tenders*

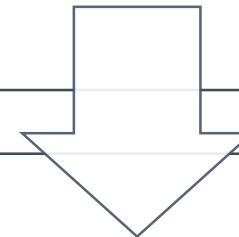


## **Part B1** - the proposal, max 10 pages (PDF uploaded)

**#Excellence**

**#Impact**

**#Implementation**, incl. Gantt Chart



## **Part B2** - no page limit, PDF uploaded

**#CV of the Researcher**

**#Capacities of the Participating Organisations**

**#Letter of Commitment of Partner Organisations → GF**



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## Proposal parts: Part A

- Administrative forms (**Part A**) jāaizpilda tiešsaistē

General information, participants & contacts, Gender Equality Plan, budget, ethics and security table, call-specific questions

### *Abstract*

---

*The abstract should provide the reader with a clear understanding of the objectives of the proposal, how they will be achieved, and their relevance to the Work Programme. This summary will be used as the short description of the proposal in the evaluation process and in communications to the programme management committees and other interested parties. It must therefore be short and precise and should not contain confidential information. Use plain typed text, avoiding formulas and other special characters. If the proposal is written in a language other than English, please include an English version of this abstract in the Part B (technical description) of the proposal.*





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# Ieteikumi:

- Neatlieciet uz pēdējo brīdi A formas aizpildīšanu,
- Laicīgi iepazīstieties ar portālā funkcionalitāti (variet reģistrēties kaut tagad, var izveidot pieteikumu melnrakstus)
- Laicīgi komunicējiet ar savas uzņēmošas organizācijas LEAR **Account Administrator/Legal Entity Appointed Representative (LEAR)**
- Uzziniet PIC code

## Overview



Can:

- View organisation data
- Modify organisation data
- View lists of organisation's projects, proposals and organisation roles.
- LEARs and AccADs need to request access to see the projects and proposals details of their organisation, if needed, as described in [Access to projects and proposals for LEARs or Account Administrators](#).

⚠ The LEAR is a role set via the validation process of your organisation and not managed by the participant in the Portal. You can find information on how a LEAR is appointed in the [Authorised users / LEAR](#) page.



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# Validate form

- Visi sarkanie brīdinājumi bloķēs Jūsu pieteikuma iesniegšanu
- Dzeltenie brīdinājumi nebloķēs Jūsu pieteikuma iesniegšanu, bet ir vērts tos pārskatīt

Application forms

## Validation result

Show Error

The red 'Show Error' button indicates an error due to a missing or incorrect value related to the call eligibility criteria. The submission of the proposal **will be blocked** unless that specific field is corrected!

Show Warning

The yellow 'Show Warning' button indicates a warning due to a missing or incorrect value related to the call eligibility criteria. The submission of the proposal **will not be blocked** (proposal will be submitted with the missing or incorrect value).

**Section**

**Description**

General Information

Title - missing entry

Show Error

General Information

Descriptor 1 is a required field.

Show Error



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# Abstrakts

- ❖ Abstrakts un and **atslēgas vārdi** tiek izmantoti, lai atlasītu vērtētājus
- ❖ Abstraktam ir **jāpārdod** Jūsu projekts un to ir jāspēj saprast cilvēkam, kas vispārēji orientējas nozarē (**generalist**)
- ❖ Tam ir jāspēj norādīt uz projekta It should communicate the **nozīmību, ietekmi un laukietilpību** un jāpārlicina vērtētāji kādēļ tieši **Jūs** esiet īsa, kam šo projektu jāīsteno.
- ❖ Tam nav jābūt tipiskam zinātniskajam abstraktam.
- ❖ **Galvenie elementi:**
  - ❖ 1-2 teikumi, kas iedos Jūsu projekta kontekstu
  - ❖ Mērķis
  - ❖ Pētāmā jautājuma situācija pašlaik (state of the art)/ knowledge gap
  - ❖ Zinātniski mērķi un detaļas par projekta plānu

**Max. 2000 characters including spaces**



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# *Abstrakta piemērs*





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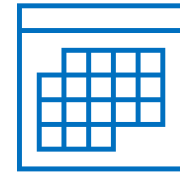
# Vispārēji par *Virus-host interactions in the Baltic Sea* (VISIBLE)

**Project time:** December 1, 2022 - November 30 2024

**Budget:** 206,888 EUR

**Host:** KTH Royal Institute of Technology (KTH Kungliga Tekniska högskolan)

**Keywords:** Viromics, metagenomics, aquatic microbiology, ecosystem functioning



CORDIS saite <https://cordis.europa.eu/project/id/101064544>



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# VISIBLE Abstract (1/3)

ŠIS NAV PARAUGS, KAM SEKOT  
1:1, katram jārada savs  
abstrakts

Dr. Bell (**PostDoc**) proposes to work with Prof. Andersson (**Supervisor**) at KTH Royal Institute of Technology (**host**), Sweden, to study Virus-host Interactions in the Baltic Sea (VISIBLE).

Bacteriophages (bacteria specific viruses) are the most abundant biological entity on the planet, yet we are only beginning to grasp the impact they have upon ecosystem functioning. (**Importance**) Using state-of-the-art metagenomics, viromics and bioinformatics (**interdisciplinarity**), the fellow will uncover novel genomes of virus populations in the Baltic Sea and the prokaryotic hosts they infect (**aim + novelty**). Multiple approaches (abundance, CRISPR spacer matching and homology of auxiliary metabolic genes) (**methods**) will be combined to uncover virus-host dynamics (**output**).





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## VISIBLE Abstract (2/3)

The metagenomic and viromic dataset has a high temporal resolution spanning a three-year period making it possible to answer **fundamental** ecological **questions**:

- (1) How are the temporal dynamics of viruses related to that of their hosts?
- (2) Can the co-evolution of viruses and their hosts be detected?
- (3) Do the function of auxiliary metabolic genes reflect changes in environmental gradients?

These questions have major implications for biogeochemical cycling and resource turnover in the marine biosphere, as well as water resource management and predicting ecological responses to climate change. **(impact)**





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## VISIBLE Abstract (3/3)

By means of a **multidisciplinary approach**, the fellow will advance their current research skills in microbial ecology and bioinformatics and gain new skills in virology (**skills**). The MCSA fellow will join a world-class host institute and world-leading research team in environmental genomics. They will establish new interdisciplinary collaborations (**networking**) with researchers from across Sweden and Europe and develop their communication, management and leadership skills (**skills**). KTH has been awarded HR Excellence in Research (**best practice**) and supports the MCSA Green Charter (**policy**). KTH provides the ideal environment and infrastructure (**hosting arrangements**) for the fellow to carry out this research and to develop as a leading independent researcher (**carrer perspective**).





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# Acronym

- ❖ Akronīms būs uz Jūsu pieteikuma, pārliecinieties, ka tas ir **izrunājams, īss, un atmiņā palikošs**
- ❖ Pārbaudiet vai tam nav «**dubultas nozīmes**» angļiski, dzimtajā valodā vai uzņemošās valsts valodā
- ❖ Pārbaudiet vai šāds projekts/uzņēmums jau nepastāv <http://acronymcreator.net/>

These are all taken:

**Baltic Mikrorayon**    **ALLIANCE**  
**HARA**  
**Met4Bone**    **PoliRural**  
**CHIEF**    **5G-DRIVE**    **BRILLIANT**  
**SUNShINE**    **DogSPEC**



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# Part B1

## #EXCELLENCE

- Quality and pertinence of the project's research and innovation objectives (and the extent to which they are ambitious, and go beyond the state of the art)
- Soundness of the proposed methodology, including
  - the underlying concepts, models, assumptions, interdisciplinary approaches,
  - appropriate consideration of the gender dimension in research and innovation content,
  - and the quality of open science practices, including sharing and management of research outputs and engagement of citizens, civil society and end users where appropriate.
- Quality of the supervision, training and of the two-way transfer of knowledge between the researcher and the host
- Quality and appropriateness of the researcher's professional experience, competences and skills.

50% of the final score

EXCELLENCE: research, training, supervision, researcher

[Download the template and follow it!](#)



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# Part B1

## #IMPACT

- Credibility of the measures to enhance the career perspectives and employability of the researcher and contribution to his/her skills development.
- Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities
- The magnitude and importance of the project's contribution to the expected scientific, societal and economic impacts.

30% of the final score

IMPACT: impact on career, dissemination, impact

# Part B1



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## #IMPLEMENTATION

- Quality and effectiveness of the work plan, assessment of risks and appropriateness of the effort assigned to work packages.
- Quality and capacity of the host institutions and participating organisations, including hosting arrangements

20% of the final score

IMPLEMENTATION: workplan, resources, management





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# Secinājums

Ja proporcionāli skatās:

- Izcilība 5lpp
- Ietekme 3lpp
- Īstenošana 2lpp

Visas daļas ir svarīgas!

Nelāga tendence: izcilībā 5 punkti, ietekme un īstenošana viduvēja (vai otrādi).

Pieteikums netiek finansēts, jo iegūti pārāk maz punkti! ☹️

# ★ Award criteria



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Excellence	Impact	Quality and efficiency of the implementation
<p>Quality and pertinence of the project's <b>research and innovation objectives</b> (and the extent to which they are ambitious, and go beyond the state of the art)</p>	<p>Credibility of the measures to enhance the <b>career perspectives and employability</b> of the researcher and contribution to his/her skills development</p>	<p>Quality and effectiveness of the <b>work plan, assessment of risks and appropriateness of the effort</b> assigned to work packages</p>
<p><b>Soundness of the proposed methodology</b> (including interdisciplinary approaches, consideration of the gender dimension and other diversity aspects if relevant for the research project, and the quality of open science practices)</p>	<p>Suitability and quality of the measures to <b>maximise expected outcomes and impacts</b>, as set out in the <u>dissemination and exploitation plan</u>, including communication activities</p>	<p>Quality and capacity of the <b>host institutions and participating organisations</b>, including hosting arrangements</p>
<p>Quality of the <b>supervision, training and of the two-way transfer of knowledge</b> between the researcher and the host</p>	<p>The magnitude and importance of the project's <b>contribution to the expected scientific, societal and economic impacts</b></p>	
<p>Quality and appropriateness of the researcher's professional <b>experience, competences and skills</b></p>		
<p><b>50%</b></p>	<p><b>30%</b></p>	<p><b>20%</b></p>

# Part B2



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- CV OF THE RESEARCHER: max 5 pages



- CAPACITIES OF THE PARTICIPATING ORGANISATIONS: 1 p overall+ max 1p per organisation



- LETTER OF COMMITMENT OF PARTNER ORGANISATION (GF ONLY): signed and scanned  
Letter from Associated Partner in HEU

- no overall page limit -



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## 5.1 Template table: *Overview of Participating Organisations*

Horizon Europe  
glossary

Organisation role	PIC	Legal Entity Short Name	Academic organisation (Y/N)	Country	Name of Supervisor
Beneficiary	←	Finansējuma saņēmējs (host)			
Associated partner linked to a beneficiary (if applicable)	←	should also be indicated in part A - in the section <i>"Links with other participants"</i> - <i>"same group"</i> , <i>"controls"</i> , <i>"is controlled by"</i>			
Associated partner for outgoing phase (mandatory for GF)	←	Trešās valsts juridiska persona (uzņem pie sevis GF ietvaros)			
Associated partner for secondment (optional)	←	Nosūtījuma partneris			
Associated partner for non-academic placement (optional)	←	Neakadēmiskās prakses partneris			
Other: _____					



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## 5.2 Template table: **Capacity** of the Participating Organisations

Choose one of:

- Beneficiary (compulsory)
- Associated partner linked to a beneficiary (if applicable)
- Associated partner for outgoing phase (compulsory for GF only)
- Associated partner for secondment (optional)
- Associated partner for non-academic placement (optional)

[Full name + Legal Entity Short Name + Country]

General description

Role and profile of supervisor

Key research facilities, Infrastructure and Equipment

Previous and current involvement in EU-funded research and training programmes/actions/projects

Atcerieties par  
*two way transfer  
of knowledge*



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## Piemērs no finansēta projekta abstrakta

TUNEMOF **integrates the experience** of the

1. researcher (**Postdoc**) in organometallic chemistry,
2. the excellence of Prof. Olsbye's group (University of Oslo) (**supervisor 1**) in applied chemistry of porous materials,
3. the experience in catalytic testing of homogeneous systems of Prof. Beller (LIKAT, secondment) (**supervisor 2**),
4. and in spectroscopic analysis and techno-economic assessment of Haldor Topsøe (non-academic placement) (**supervisor 3**).

This synergy provides a unique **networking platform** to diversify the researcher's individual competences and to promote the **interdisciplinary and inter-sectorial transfer of knowledge**. The complete training gained from the development of TUNEMOF will promote the **professional career** of the applicant to become a leading independent researcher.



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# Other

## 6. Additional ethics information

Insert here text for your proposal

(NB: Only *if* you have additional information that could not be included in the **ethics self-assessment**)

## 7. Additional information on security screening

Insert here text for your proposal

(NB: Only *if you answered yes* to one of the questions in the **security issues table**, with the exception of “Does this activity involved HE associated and/or third countries?”)

## 8. Environmental considerations in light of the [MSCA Green Charter](#)

Insert here text for your proposal

9. Required for Global Fellowships only: Letter(s) of commitment from associated partners (hosting the of outgoing phase)

Portālā zem «?» ir  
vadlīnijas





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# Important background policies



Commitment to the European  
**Charter** for Researchers and the  
**Code of Conduct** for the  
Recruitment of Researchers

Underlying **Principles:**

- ❖ Open Science,
- ❖ Responsible Research & Innovation (RRI)

## The EU Green Deal

The European Green Deal is about **improving the well-being of people**. Making Europe climate-neutral and protecting our natural habitat will be good for people, planet and economy. No one will be left behind.

**The EU will:**



Become  
climate-neutral  
by 2050



Protect human life,  
animals and plants,  
by cutting pollution



Help companies  
become world leaders  
in clean products and  
technologies



Help ensure a  
just and inclusive  
transition





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# MSCA Green Charter

## Marie Skłodowska-Curie Actions Green Charter

*Version: 1*

*Date of release:*

*12 April 2021*

Mērķi:

- censties ievērojami samazināt MSCA projektu oglekļa pēdas nospiedumu
- Palielināt izpratni par vides jautājumiem
- veicināt ilgtspējīgu uzvedību un politiku
- atbalstīt politiku un lēmumu pieņemšanu



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# MSCA guidelines on supervision

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- *One of the essential elements of successful research is supervision. Good supervision contributes to creating a supportive environment for doctoral and postdoctoral researchers and staff to conduct their work and is of high importance for their career advancement: **guiding, supporting, directing, advising and mentoring** are key factors to enable a researcher to embark on a promising career path or to re-start a career in research.*
- Find guidelines here <https://ec.europa.eu/research/mariecurieactions/about-msca/msca-green-charter>



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<https://www.facebook.com/HEncplv>



<https://twitter.com/apvarsnis>



<https://www.linkedin.com/company/nkplv/>

Ceturkšņa ziņu lapa: <https://dashboard.mailerlite.com/forms/207183/74477484042618291/share>

**Liene Ekša**

Latvijas Zinātnes padomes

Starptautiskās sadarbības programmu projektu departamenta

Apvārsnis Eiropa Nacionālā kontaktpunkta vecākā eksperte

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NACIONĀLAIS  
ATTĪSTĪBAS  
PLĀNS 2020



EIROPAS SAVIENĪBA  
Eiropas Reģionālās  
attīstības fonds

I E G U L D Ī J U M S T A V Ā N Ā K O T N Ē

1.1.1. specifiskā atbalsta mērķa "Palielināt Latvijas zinātnisko institūciju pētniecisko un inovatīvo kapacitāti un spēju piesaistīt ārējo finansējumu, ieguldīt cilvēkresursos un infrastruktūrā" 1.1.1.5. pasākuma "Atbalsts starptautiskās sadarbības projektiem pētniecībā un inovācijās" 1.kārtas, projekta Nr.1.1.1.5/17/I/001 "Atbalsts starptautiskās sadarbības projektu izstrādei un īstenošanai" ietvaros