

Metode i metodologija
fizičko-hemijskih istraživanja

Priprema
naučno-istraživačkog
projekta

Etika naučno-
istraživačkog rada

Ana Stanojević



Naučno-istraživački projekat

<https://foroalfa.org/en/articles/some-ideas-are-too-big>

<https://www.independent.co.uk/money>

3



4

<https://ec.europa.eu/programmes/horizon2020/en>

<https://ec.europa.eu/programmes/horizon2020/en/h2020-section/marie-sklodowska-curie-actions>



<https://erc.europa.eu/>



<http://fondzanauku.gov.rs/>



...



5

Priperma Obratiti pažnju na...

- Smernice (Guidelines)
- Kriterijumi za učešće (Eligibility criteria)
- Kriterijumi za procenu, ocenjivanje (Assessment criteria)
- Registracija (Registration)
- Vremenski rokovi (Timelines)



6

Tekst predloga projekta

Obratiti pažnju na...

- Opisati svoje predloženo istraživanje, naglasiti njegov značaj i način na koji će biti sprovedeno
- Pokazati da ste detaljno razmišljali o svom predlogu projekta i objasniti kako ćete obezbediti njegovu uspešnu realizaciju u slučaju da dobijete finansiranje
- Ne zaboraviti da recenzenti možda neće biti eksperti u Vašoj užoj oblasti
- Uvek voditi računa o kriterijumima na osnovu kojeg će Vaš projekat biti ocenjivan



7

- Dobro formulisati problem koji nameravate da rešite
- Jasno iskazati ciljeve, koji treba da budu u saglasnosti sa pitanjima kojima se bavi konkurs na koji se prijavljujete
- Pripremiti jasan plan rada (šta će biti kada urađeno i kako su delovi projekta međusobno povezani)
- Opisati odgovarajući dizajn istraživanja, kao i metode koje će biti korišćene
- Dati pregled planova za sakupljanje podataka, njihovo čuvanje i analizu
- Opravdati sve zahtevane resurse i sredstva
- Naglasiti ko potencijalno može imati koristi od rezultata projekta
- Pokazati da ste razmotrili sva moguća etička pitanja
- Citirati sve relevantne reference
- Prikazati strategiju za diseminaciju rezultata
- Navesti svoje kompetencije, veštine i sposobnosti
- Pokazati iskreno interesovanje, razumevanje i entuzijazam
- Razmotriti sve potencijalne probleme tokom realizacije projekta i dati predloge za njihovo rešavanje

8

Ukratko...

O čemu
se radi?

Zbog
čega je
važno?

Zašto
sada?

Zašto
Vi?



9

Recenzenti generalno obraćaju pažnju na:

- Kvalitet i originalnost predloženog istraživanja
- Ciljeve i njihovu povezanost sa predloženom metodologijom
- Metode koje će biti korišćene
- Diseminaciju rezultata
- Značaj istraživanja za akademsku zajednicu, industriju, šire okruženje
- Planiranje i upravljanje projektom, menadžment
- Sposobnost učesnika projekta da sprovedu projekat
- Vremenski okviri
- Dobijena vrednost za uloženi novac



10

Saveti za pisanje predloga projekta

- Koristiti jednostavan jezik
- Razmišljajte kao recenzent
- Jedan pasus iskoristite za jednu misao
- Napraviti racionalan budžet
- Budite realistični
- Zašto ovaj projekat?
- Budite ubedljivi
- Budite jasni



11

Saveti za pisanje predloga projekta

- Odabrati odgovarajuće saradnike i iskusnog koordinatora projekta
- Projekat treba da odgovara potrebama onoga ko raspisuje konkurs, odnosno onoga ko finansira projekat
- Svaki deo formulara za projekte tretirati kao da je najvažniji.
- Ostavite dovoljno vremena da napravite malu pauzu i zatim još jednom iznova pročitate svoj predlog projekta pre predaje
- Proveriti da li ima gramatičkih i štamparskih grešaka i ispraviti ih
- Ne čekati poslednji trenutak za predaju predloga projekta



The EU Framework Programme
for Research and Innovation

HORIZON 2020



H2020 Programme

Proposal template

Project proposal (Part B)

Marie Skłodowska-Curie Actions – Individual Fellowships (IF)

Version 1.2
8 April 2020

Disclaimer

This document is aimed at informing potential applicants for Horizon 2020 funding. It serves only as an example. The actual Web forms and templates, provided in the online proposal submission system under the Funding & Tenders Portal, might differ from this example. Proposals must be prepared and submitted via the online proposal submission system under the [Funding & Tenders Portal](#).

This page is for information only and should be deleted from your proposal!

Proposals must respect the following minimum standards:

- a minimum font size of 11 points, except for the Gantt chart and tables where the minimum font size is 8 points
- single line spacing
- A4 page size
- margins (top, bottom, left, right) of at least 15 mm (not including any footers or headers)
- a clearly readable font (e.g. Arial or Times New Roman) on a printed copy

Tables are only for illustrating the core text of the proposal. As such, they cannot be used to contain the core text itself.

The page formatting will be systematically checked by the REA. Should a proposal not comply, applicants will be asked to reformat their proposal without the possibility of modifying the content. This may lead to excess pages which will subsequently be disregarded by experts.

Footnotes are to be used exclusively for literature references. Their minimum font size is 8. They will count towards the page limit. Any other information included in a footnote will be disregarded.

Part B of the proposal should not contain any hyperlinks in the core text. Any additional information provided through hyperlinks in the core text will be disregarded.

Please make sure that the Part B of your proposal carries on each page, as a header, the proposal acronym and the type of action to which you are applying (i.e. EF Standard, EF-CAR, EF-RI, EF-SE, or GF). All pages should be numbered in a single series on the footer of the page to prevent errors during handling. It is recommended to use the numbering format "Part B - Page X of Y".

Part B-1:

The maximum total length for this document is 10 pages. It should be composed as follows (detailed description below):

- Section 1: Excellence
- Section 2: Impact
- Section 3: Implementation

Of the maximum 10 pages applied to sections 1, 2 and 3, applicants are free to decide on the allocation of pages between the sections. However, do NOT add a cover page as the overall page limit will be strictly applied: after the call deadline, excess pages will automatically be made invisible, and will not be taken into consideration by the experts.

It is the responsibility of the applicant to verify that the submitted PDF documents are readable and are within the page limit. PDF documents can contain colours.

Part B-2:

Part B-2 must contain sections 4-7 as described below. No overall page limit will be applied to this document...

- Section 4: CV of the experienced researcher (indicative length: 5 pages)
- Section 5: Capacities of the participating organisations (indicative length: 1 page for the overview and 1 page for each participating organisation)
- Section 6: Ethical aspects
- Section 7: Letter of commitment of the partner organisation (for GF only)

Applicants will not be able to submit their proposal in the submission system unless both Parts 1 and 2 are provided in PDF format (Adobe version 3 or higher, with embedded fonts).

1. Excellence¹

1.1 *Quality and credibility of the research/innovation project; level of novelty, appropriate consideration of inter/multidisciplinary and gender aspects*

Provide an introduction, discuss the state-of-the-art, specific objectives and give an overview of the action.

Discuss the research methodology and approach, highlighting the type of research / innovation activities proposed.

Explain the originality and innovative aspects of the planned research as well as the contribution that the action is expected to make to advancements within the research field. Describe any novel concepts, approaches or methods that will be implemented.

Discuss the interdisciplinary aspects of the action (if relevant).

Discuss the gender dimension in the research content (if relevant). In research activities where human beings are involved as subjects or end-users, or in research activities using e.g. animal models, gender differences may exist. In these cases the gender dimension in the research content has to be addressed as an integral part of the proposal to ensure the highest level of scientific quality.

1.2 *Quality and appropriateness of the training and of the two way transfer of knowledge between the researcher and the host*

Outline how a two-way transfer of knowledge will occur between the researcher and the host institution(s):

- Explain what new knowledge the experienced researcher will gain during the fellowship at the hosting organisation(s) and how it will be acquired.
- Outline the previously acquired knowledge and skills that the researcher will transfer to the host organisation(s).

For **Global Fellowships** explain which new knowledge and skills will be acquired in the Third Country and how they will be transferred back to the host institution in Europe (the beneficiary) during the incoming phase.

Describe the training that will be offered. Typical training activities in Individual Fellowships may include:

- Primarily, training-through-research by the means of an individual personalised project, under the guidance of the supervisor and other members of the research staff of the host organisation(s)
- Hands-on training activities for developing scientific skills (new techniques, instruments, research integrity, 'big data/open science') and transferable skills (entrepreneurship, proposal preparation, patent applications, management of IPR, project management, task coordination, supervising and monitoring, take up and exploitation of research results)
- Inter-sectoral or interdisciplinary transfer of knowledge (e.g. through secondments)
- Participation in the research and financial management of the action
- Organisation of scientific/training/dissemination events
- Communication, outreach activities and horizontal skills
- Training dedicated to gender issues

A Career Development Plan should not be included in the proposal, but will be part of the action's implementation in line with the European Charter for Researchers. The Plan should be established jointly by the supervisor(s) and the researcher. In addition to research or innovation objectives, this plan comprises the researcher's training and career needs, including training on transferable skills, teaching, planning for publications and participation in conferences.

¹ Literature should be listed in footnotes, minimum font size 8. All literature references will count towards the page limit.

1.3 *Quality of the supervision and of the integration in the team/institution*

Describe the qualifications and experience of the supervisor(s). Provide information regarding the supervisors' level of experience on the research topic proposed and their track record of work, including main international collaborations, as well as the level of experience in supervising/training especially at advanced level (PhD, postdoctoral researchers). Information provided should include participation in projects, publications, patents and any other relevant results.

Describe the hosting arrangements.² The application must show that the experienced researcher will be well-integrated within the team/institution so that all parties gain maximum knowledge and skills from the fellowship. The nature and the quality of the research group/environment as a whole should be outlined, together with the measures taken to integrate the researcher in the different areas of expertise, disciplines, and international networking opportunities that the host could offer.

For **Global Fellowships** both phases should be described - for the outgoing phase, specify the practical arrangements in place to host a researcher coming from another country, and for the incoming phase specify the measures planned for the successful (re)integration of the researcher.

1.4 *Potential of the researcher to reach or re-enforce professional maturity/independence during the fellowship*

Researchers should **demonstrate** how their existing professional experience, talents and the proposed research will contribute to their development as independent/mature researchers **during the fellowship**. Explain the new competences and skills that will be acquired and how they relate to the researcher's existing professional experience.

2. Impact

2.1 *Enhancing the future career prospects of the researcher after the fellowship*

Explain the expected impact of the planned research and training (i.e. the added value of the fellowship) on the future career prospects of the experienced researcher **after the fellowship**.

Outline clearly the career goals of the researcher and how the planned research and training are likely to contribute to their achievement. Focus on how the new competences and skills (as explained in section 1.4) can make the researcher more successful in their long-term career whether within or outside academia.

2.2 *Quality of the proposed measures to exploit and disseminate the project results*

Describe how the new knowledge generated by the action will be disseminated and exploited, and what the potential impact is expected to be. Discuss the strategy for targeting peers and key stakeholders (such as the scientific community, industry, professional organisations, policy makers, etc.). Also describe potential commercialisation, if applicable, and how intellectual property rights will be dealt with, where relevant.

For more details refer to the "[Dissemination & exploitation](#)" section of the [H2020 Online Manual](#).

2.3 *Quality of the proposed measures to communicate the project activities to different target audiences*

Demonstrate how the planned public engagement activities contribute to creating awareness of the performed research. Demonstrate how both the research and results will be made known to the public in such a way that they can be understood by non-specialists.

The type of outreach activities could range from an Internet presence, press articles and participating in European Researchers' Night events to presenting science, research and innovation activities to citizens, including to students from primary and secondary schools or universities in order to develop their interest in research careers.

² The hosting arrangements refer to the integration of the researcher in their new environment within the premises of the host. It does not refer to the infrastructure of the host as described in the Quality and efficiency of the implementation criterion.

For more details, see the guide on [Communicating EU research and innovation guidance for project participants](#) as well as the ["communication" section of the H2020 Online Manual](#).

3. Quality and Efficiency of the Implementation

3.1 *Coherence and effectiveness of the work plan, including appropriateness of the allocation of tasks and resources*

Describe how the work planning (including deliverables and milestones) and the resources mobilised will ensure that the research and training objectives will be reached. Explain why the number of person-months planned and requested for the researcher (and corresponding to the project duration) is appropriate in relation to the proposed activities.

Additionally, a Gantt chart must be included in the text listing the following:

- Work Packages titles (there should be at least 1 WP);
- Indication of major deliverables, if applicable;
- Indication of major milestones, if applicable;
- Secondments, if applicable;
- Planning for dissemination, exploitation and communication activities (unless included in a dedicated WP).

The schedule should be in terms of number of months elapsed from the start of the action. The Gantt chart counts towards the 10-page limit.

This is an example Gantt chart only.



Notes:

- The titles of the WPs indicated here do not have to be strictly followed or included in the Gantt chart for your specific proposal. Adapt as needed.
- The number of WPs provided here is an example only. Add or remove WPs as needed.
- Remove any columns for a duration longer than that of your proposal.
- Add as much detail as needed for your proposal.

A **deliverable** is a distinct output of the action, meaningful in terms of the action's overall objectives and may be a report, a document, a technical diagram, software, etc. Deliverable numbers should be ordered according to delivery dates. Use the numbering convention <WP number>.<number of deliverable within that WP>. For example, deliverable 4.2 would be the second deliverable from work package 4.

Milestones are control points in the action that help to chart progress. Milestones may correspond to the completion of a key deliverable, allowing the next phase of the work to begin. They may also be needed at intermediary points so that, if problems have arisen, corrective measures can be taken. A milestone may be a critical decision point in the action where, for example, the researcher must decide which of several technologies to adopt for further development.

3.2 Appropriateness of the management structure and procedures, including risk management

Describe the organisation and management structure, as well as the progress monitoring mechanisms put in place, to ensure that objectives are reached. Discuss the research and/or administrative risks that might endanger reaching the action objectives and the contingency plans to be put in place should risks occur.

If applicable, discuss any involvement of an entity with a capital or legal link to the beneficiary (in particular, the name of the entity, type of link with the beneficiary and tasks to be carried out).

If applicable, please indicate here information on the support services provided by the host institution (European offices, HR services...).

3.3 Appropriateness of the institutional environment (infrastructure)

The active contribution of the beneficiary to the research and training activities should be described. For Global Fellowships, the role of the partner organisations in Third Countries for the outgoing phase should also be provided.

Describe the main tasks and commitments of the beneficiary and all partner organisations (if applicable). Describe the infrastructure, logistics, and facilities offered insofar as they are necessary for the good implementation of the action.

STOP PAGE COUNT – MAX 10 PAGES

Part B-2 Section 4 - CV of the experienced researcher (indicative length: 5 pages)

The CV is intrinsic to the evaluation of the whole proposal and is assessed throughout the three evaluation criteria by the expert evaluators. Ensure that the information provided in Parts A and B is fully consistent. Always mention full dates (dd/mm/yyyy). The CV should include **the standard academic and research record**. The indicative length of the CV is 5 pages. Any research career gaps and/or unconventional paths should be clearly explained so that this can be fairly assessed by the independent evaluators. At a minimum, the CV should contain:

- a) the **name** of the researcher
- b) **professional experience** (in reverse chronological order, using **exact** dates)
- c) **education** (in reverse chronological order, using **exact** dates)

The CV should also include information on:

1. **Publications** in peer-reviewed scientific journals, peer-reviewed conference proceedings and/or monographs of their respective research fields, indicating also the number of citations (excluding self-citations) they have attracted.
2. **Granted patent(s)**.
3. **Research monographs, chapters** in collective volumes and any translations thereof.
4. **Invited presentations** to internationally established conferences and/or international advanced schools.
5. **Research expeditions** led by the experienced researcher.
6. **Organisation of international conferences** in your field(s) of research, including membership in the steering and/or programme committee.
7. **Examples of participation in industrial innovation**.
8. **Prizes and Awards**.
9. **Funding** received so far.
10. **Supervising and mentoring** activities.

In addition, researchers without a doctorate at the call deadline must clearly explain how the full-time equivalent research experience is calculated, adding the table below.³

Research Experience is a period of activity in research proven by e.g. a work contract, a scholarship, a study certificate.

Please do not indicate periods before the University degree giving access to PhD or after the call deadline. In case of overlapping periods when several activities are carried out in parallel, applicants should only indicate a cumulative percentage up to 100% (e.g. 50% Doctorate + 50 % research assistant).

Academic qualifications counting towards the Total Full time postgraduate research experience			
University degree giving access to PhD ⁴ :	Institution name and country	Date of award (a)	Type of awarded degree
		DD/MM/YYYY	[free text]
Other university degree(s)/master(s), if any, obtained after the award of the university degree giving access to PhD:	Institution name and country	From DD/MM/YYYY	To DD/MM/YYYY
	Full time research experience	Proportion of research activities as a percentage of the duration of the Master xx %	Duration of research activities expressed in months (b) ⁵ = xx% * duration of Master
Doctorate:	Institution name and country	From DD/MM/YYYY	To (Date of expected Award) DD/MM/YYYY
	Full time research experience ⁶		Duration of research activities expressed in months (c)
Other research activities counting towards the total full-time postgraduate research experience			
Position:	Institution name and country	From DD/MM/YYYY	To DD/MM/YYYY
	Full time research experience		Duration of research activities expressed in months (d)
Total full-time postgraduate research experience: number of months:			= (b)+(c)+(d)

³ More entries can be added if needed. This table is beyond the 5-page limit.

⁴ See [Definition of Full-Time Equivalent Research Experience](#) in this Guide for Applicants

⁵ Please count only time spent in months on research activities.

⁶ Please count only time spent until the IF 2020 call deadline (09/09/2020) or the end of the PhD, whichever comes first.

Part B-2 Section 5 - Capacity of the Participating Organisations

List of participating organisations (one page)

Please provide a list of all participating organisations (the beneficiary and, where applicable, the entity with a capital or legal link to the beneficiary and the partner organisation⁷) indicating the legal entity name, the department carrying out the work and the supervisor.

The purpose of this table is to allow experts assessing whether the participating organisations have - or will have by the time of implementation - the operational resources and capacity to implement the action, i.e. sufficient professional competencies and qualifications. A proposal may be rejected on the grounds that the beneficiary does not have the operational capacity to implement the action.

If a secondment in Europe is planned but the partner organisation is not yet known, as a minimum the type of organisation planned (academic/non-academic) must be stated.

Any inter-relationship between the participating organisation(s) or individuals and other entities/persons (e.g. family ties, shared premises or facilities, joint ownership, financial interest, overlapping staff or directors, etc.) must be declared and justified in this part of the proposal.

Applicants should provide detailed information regarding the administrative/legal relations between the department carrying out the work as described in the below table and the entity mentioned in Part A of the proposal (i.e. linked to the given Participant Identification Code - PIC).

Participating organisations	Legal Entity Short Name	Country	Supervisor	Role of partner organisation ⁸
<u>Beneficiary</u>				
- NAME				
Entity with a capital or legal link				
- NAME				
<u>Partner Organisation</u>				
- NAME				

⁷ All partner organisations should be listed here, including secondments

⁸ For example hosting secondments, for GF hosting the outgoing phase, etc.

1 page for each organisation – choose one of: — <i>beneficiary (compulsory)</i> — <i>entity with a capital or legal link to the beneficiary (optional)</i> — <i>partner organisation for GF (compulsory for GF only)</i> — <i>partner organisation for secondment (optional)</i>	
[Full name + Legal Entity Short Name + Country]	
General description	
Academic organisation	(Yes / No) delete as appropriate
Role and profile of key persons (supervisor)	(names, title, qualifications of the main supervisor)
Dept/Division / Laboratory	In case of EF-SE the Dept./Division / Laboratory must be from the non-academic sector as well
Key research facilities, Infrastructure and Equipment	Demonstrate that the beneficiary has sufficient facilities and infrastructure to host and/or offer a suitable environment for training and transfer of knowledge to the recruited experienced researcher If applicable, indicate the name of the entity with a capital or legal link to the beneficiary and its role in the action in the following table.
Independent research premises?	Explain the status of the beneficiary's research facilities – i.e. are they owned by the beneficiary or rented by it? Are its research premises wholly independent from other entities? If applicable, indicate the name of the entity with a capital or legal link to the beneficiary and describe the nature of the link in the following table.
Previous and current involvement in research and training programmes	Indicate up to 5 relevant EU, national or international research and training actions/projects in which the beneficiary has previously participated and/or is currently participating
Relevant publications and/or research/innovation products	(Max 5) Only list items (co-)produced by the supervisor

Part B-2 Section 6 - Ethical Issues

Compliance with the relevant ethics provisions is essential from the beginning to the end of the action and is an integral part of research funded by the European Union within Horizon 2020.

Applicants submitting research proposals for funding for Marie Skłodowska-Curie actions in Horizon 2020 should demonstrate proactively in their proposal that they are aware of, and will comply with, ethical principles and applicable International, European and national law. Key sources of EU and international law are the [Charter of Fundamental Rights of the European Union](#) and the [European Convention on Human Rights and its Supplementary Protocols](#). Another important source is the [UN Convention on the Rights of Persons with Disabilities \(UN CRPD\)](#).

Main ethical principles:

- Respecting human dignity and integrity
- Ensuring honesty and transparency towards research subjects and notably getting free and informed consent (as well as assent whenever relevant)
- Protecting vulnerable persons
- Ensuring privacy and confidentiality
- Promoting justice and inclusiveness
- Minimising harm and maximising benefit
- Sharing the benefits with disadvantaged populations, especially if the research is being carried out in developing countries
- Maximising animal welfare, in particular by ensuring replacement, reduction and refinement ('3Rs') in animal research
- Respecting and protecting the environment and future generations

Please be aware that it is the applicants' responsibility to identify any potential ethical issues, to handle the ethical aspects of the proposal and to detail how these aspects will be addressed. The appropriateness of the measures proposed will be assessed by ethics experts during the ethics review, which is a part of the overall evaluation procedure.

Compliance with the ethical principles and legislation is ensured by the H2020 ethics appraisal scheme (i.e. the H2020 policy on ethics issues in research), which includes all of the following:

- ethics self-assessment (done by the applicants, in their proposal)
- two-stage ethics review, with an ethics screening and, if necessary, an ethics assessment (during the evaluation procedure)
- if necessary, ethics checks, reviews and audits (during the implementation of the action and up to two years afterwards).

The Ethics Review Procedure in Horizon 2020

All proposals likely to be funded will be subject to an ethics review carried out by independent ethics experts. When submitting a proposal to Horizon 2020, all applicants are required to complete an Ethics Issues Table (EIT) in the Part A of the proposal. Applicants who flag ethical issues in the EIT also have to complete a more in depth Ethics Self-Assessment in Part B.

The ethics self-assessment will become part of the Grant Agreement and may thus give rise to binding obligations. The ethics review outcome will distinguish between ethics requirements to be addressed before Grant Agreement signature and those that can be cleared at a later stage (e.g. ethics approvals to be submitted before the start of the concerned research activity). In the latter case, a separate work package 'Ethics Requirements' listing the deliverables will be created automatically.

For more details, please refer to the H2020 ["How to complete your Ethics Self-Assessment"](#) guide.

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For more details, please refer to the H2020 ["How to complete your Ethics Self-Assessment"](#) guide.

Ethics Self-Assessment (Part B)

The Ethics Self-Assessment must:

- 1) Describe how the proposal complies with ethical principles and the applicable international, EU and national law in the country/countries where the activity raising ethical issues is to be carried out.

For more information on how to deal with non-EU countries⁹ please see Article 34 of the [Annotated Model Grant Agreement](#), as well as the [rules for the protection of personal data inside and outside the EU](#). Please note that activities carried out in a non-EU country must comply with the laws of that country AND be allowed in at least one EU Member State. Applicants must confirm in this section that this condition is met.

- 2) Ensure timely compliance of the proposed research with ethical principles and the applicable international, EU and national law.

At the end of Part B2 you can add relevant documents as annexes. If they are not in English, they must be submitted together with an English summary. Please list the documents provided with their expiry date.

If you have not already applied for/received the ethics approval/required ethics documents when submitting the proposal, please indicate in this section the approximate date by which you will obtain the relevant approvals/authorisations and any other ethics documents. Please state explicitly that you will not proceed with any research with ethical implications before obtaining the necessary authorisations/opinions.

Should your proposal be selected for funding, you will be required - if applicable - to confirm that, before the beginning of an activity raising an ethical issue, you have obtained:

- (a) any ethics committee opinion required under national law, and
- (b) any notification or authorisation for activities raising ethical issues required under national and/or European law.

The documents must be kept on file and submitted upon request to the REA. If they are not in English, they must be submitted together with an English summary, which shows that the activities in question are covered and includes the conclusions of the committee or authority concerned (if available). If you plan to request these ethics documents specifically for your proposed action, your request must contain an explicit reference to the project/action's title.

- 3) Explain in detail how you intend to address the ethical issues flagged, in particular with regard to:
 - the research objectives (e.g. study of vulnerable populations, cooperation with a Third Country, etc.);
 - the research methodology (e.g. clinical trials, involvement of children and related information and consent/assent procedures, data protection and privacy issues related to data collected, etc.);
 - processing of sensitive personal data;
 - safeguard of the rights and freedoms of the data subjects/research participants;
 - the potential impact of the research (e.g. dual use issues, environmental damage, malevolent use, etc.);
 - appropriate health and safety procedures - conforming to relevant local/national guidelines/legislation - for the staff involved;
 - possible harm to the environment the research might cause (e.g. environmental risks of nanomaterials), and measures that will be taken to mitigate the risks.

In order to facilitate the ethics review of the proposal, you may wish to include in this section one of the following statements (if relevant/applicable). The table below is not about declaring whether the applicants identified ethics issues or not (as done in part A). Please fill in the table below only if you flagged the corresponding ethics issue in Part A of the proposal. Do not answer yes if opinions/approvals/licenses/authorisations/etc. still have to be obtained. If applicable, please provide the licence/authorisation/etc. number and issue date.

Humans	
I confirm that templates of the informed consent forms and information sheets (in language and terms intelligible to the participants) will be kept on file.	Yes <input type="checkbox"/> No <input type="checkbox"/>
I confirm that opinions/approvals by ethics committees and/or competent authorities for the research with humans have been obtained, and are kept on file	Yes <input type="checkbox"/> No <input type="checkbox"/>
Human Cells	
I confirm that confirm that authorisation has been obtained from the primary owner of cells/tissues (including references to ethics approval) and is kept on file.	Yes <input type="checkbox"/> No <input type="checkbox"/>
Data protection	
I confirm that a Data Protection Officer (DPO) has been appointed and the contact details of the DPO are made available to all data subjects involved in the research.	Yes <input type="checkbox"/> No <input type="checkbox"/>
I confirm that data intended to be processed is relevant and limited to the purposes of the research project (in accordance with the 'data minimisation' principle).	Yes <input type="checkbox"/> No <input type="checkbox"/>
In case of further processing of previously collected personal data, I confirm to have lawful basis for the data processing and that the appropriate technical and organisational measures are in place to safeguard the rights of the data subjects.	Yes <input type="checkbox"/> No <input type="checkbox"/>
I confirm that the data used are publicly available and can be freely used for the purpose of the project.	Yes <input type="checkbox"/> No <input type="checkbox"/>
I confirm that the transfer(s) of personal data from the EU to a non-EU country or international organisation, is(are) in accordance with Chapter V of the General Data Protection Regulation 2016/679.	Yes <input type="checkbox"/> No <input type="checkbox"/>
I confirm that the transfer(s) of personal data from a non-EU country to the EU (or another third state) comply(ies) with the laws of the country in which the data was collected.	Yes <input type="checkbox"/> No <input type="checkbox"/>
I confirm that confirm that templates of the informed consent forms and information sheets (in language and terms intelligible to the participants) are kept on file.	Yes <input type="checkbox"/> No <input type="checkbox"/>
Animal	
I confirm that training certificates/personal licenses of the staff involved in animal experiments have been obtained and will be kept on file.	Yes <input type="checkbox"/> No <input type="checkbox"/>
I confirm that relevant authorisations for animal experiments (covering also the work with genetically modified animals, if applicable) have been obtained, and will be kept on file.	Yes <input type="checkbox"/> No <input type="checkbox"/>
Third country	
I confirm that the research performed outside the EU is compatible with the Union, National and International legislation and could have been legally conducted in one of the EU Member States.	Yes <input type="checkbox"/> No <input type="checkbox"/>
I confirm that fair benefit-sharing arrangements with stakeholders from low and/or lower-middle income countries are ensured during the project.	Yes <input type="checkbox"/> No <input type="checkbox"/>
Environmental protection and safety	
I confirm that appropriate health and safety procedures conforming to relevant local/national guidelines/legislation are followed for staff involved in this project.	Yes <input type="checkbox"/> No <input type="checkbox"/>
I confirm that authorisations for relevant facilities (e.g. security classification of laboratory, GMO authorisation) have been obtained and will be kept on file.	Yes <input type="checkbox"/> No <input type="checkbox"/>

Part B-2 Section 7 - Letter of commitment (Global Fellowship only)

For GF proposals only, a *letter of commitment of the partner organisation* (hosting the outgoing phase in the Third Country) must be included in Part B-2 to ensure their real and active participation. Do not attach this letter as a separate PDF file or as an embedded file since this makes them invisible in the proposal.

GF proposals which fail to include a *letter of commitment* of the partner organisation will be declared **inadmissible**. Please make sure that the letter is clearly visible in the **submitted** part B-2 – every year a number of proposals are declared inadmissible because the *letter of commitment* is not visible.

Minimum requirements for the letter of commitment:

- heading or stamp from the institution;
- up-to-date (should not be dated prior to the call publication);
- the text must demonstrate the will to actively participate in the (identified) proposal and the precise role.

Please note that no fixed template for this letter is provided.

Non-binding example template of Commitment letter for IF partner organisations:

- On headed paper of the entity

- Beyond any additional information that the participating organisation wishes to indicate in its Letter of commitment, the following text should appear in all its parts and with no modifications:

I undersigned [First name and surname], in my quality of [Role in and name of the Institution] commit to set up all necessary provisions to participate as partner organisation in the proposal submitted within the call H2020-MSCA-IF-2020 should the proposal be funded.

On behalf of [name of the entity], I also confirm that we will participate and contribute to the research, innovation and training activities as planned in this project. In particular, our [name of the entity] will be involved in ... [Free field for any additional information that the participating organisation wishes to indicate in order to describe its role and contribution to the project].

I hereby declare that I am entitled to commit into this process the entity I represent.

Name, date, signature



H2020 Programme Guide for Applicants

Marie Skłodowska-Curie Actions Individual Fellowships (IF)

Version 1.4

08/04/2020

Disclaimer

This guide aims to assist potential applicants. It is provided for information purposes only and is not intended to replace consultation of any applicable legal sources. Neither the European Commission nor the Research Executive Agency (or any person acting on their behalf) can be held responsible for the use made of this guidance document. Note that the guidance provided in the Annotated Model Grant Agreement shall prevail in case of discrepancies.

TABLE OF CONTENTS

1. BUDGET, TIMETABLE, AND HOW TO SUBMIT	4
1.1. INDICATIVE BUDGET	4
1.2. INDICATIVE TIMETABLE	5
1.3. PROPOSAL SUBMISSION	5
2. PARTICIPATING ORGANISATIONS	7
2.1. PARTICIPANT IDENTIFICATION CODE	7
2.2. BENEFICIARY	7
2.3. PARTNER ORGANISATION	8
2.4. OBLIGATIONS OF THE BENEFICIARY	9
3. TYPES, DURATION AND ELIGIBILITY CONDITIONS OF INDIVIDUAL FELLOWSHIPS	10
3.1. EUROPEAN FELLOWSHIPS (EF)	11
3.2. GLOBAL FELLOWSHIPS (GF)	16
4. WIDENING FELLOWSHIPS (WF)	18
5. ADDITIONAL INFORMATION ON MOBILITY AND SECONDMENTS	19
5.1. MOBILITY	19
5.2. OPTIONAL SECONDMENTS	19
6. FINANCIAL ASPECTS	21
6.1. RESEARCHER ALLOWANCES	21
6.2. INSTITUTIONAL UNIT COSTS	23
6.3. BUDGET CALCULATION	23
7. THE EVALUATION PROCESS	25
7.1. GENERAL	25
7.2. ADMISSIBILITY AND ELIGIBILITY CHECK	26
7.3. EVALUATION OF PROPOSALS	26
8. PROPOSAL SUBMISSION FORMS (PART A OF THE PROPOSAL)	32
9. PART B OF THE PROPOSAL	34
9.1. GENERAL INFORMATION AND INSTRUCTIONS	34
9.2. TEMPLATE OF PART B OF THE PROPOSAL	36
10. MSCA SPECIAL NEEDS ALLOWANCE	52
ANNEX 1 – OVERVIEW OF THE TYPE OF ACTIONS	53
ANNEX 2 – FURTHER INFORMATION AND HELP	54
ANNEX 3 – HOW TO COMPLETE THE PROPOSAL SUBMISSION FORMS (PART A) OF THE PROPOSAL	55
ANNEX 4 – LIST OF DESCRIPTORS	62

https://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/pt/2018-2020/h2020-call-pt-msca-itn-2018-20_en.pdf

https://ec.europa.eu/research/participants/data/ref/h2020/call_ptef/pt/2018-2020/h2020-call-pt-msca-if-2018-20_en.pdf

https://ec.europa.eu/research/participants/data/ref/h2020/other/guides_for_applicants/h2020-guide-appl-msca-if-2018-20_en.pdf

Etika naučno-istraživačkog rada

<http://www.bg.ac.rs/sr/nauka/etika.php>

Sloboda
mišljenja i
izražavanja

Kolegijalnost

Integritet

Uživanje i
poštovanje prava

Poštovanje
integriteta i
dostojanstva
ličnosti

Autonomija
naučnog rada

Jednakost i
pravednost

Akadska
čestitost

Profesionalnost

Zabrana
diskriminacije

Zabrana
uznemiravanja

Nepriistrasnost

Odgovornost

Nerihvatljive
prakse

Upotreba ljudi i
životinja u
naučnom
istraživanju

Odnos prema
životnoj sredini

- slobodan i odgovoran prilaz učenju i iskazivanju stečenog znanja

- Profesionalni odnosi i saradnje su zasnovani na međusobnom uvažavanju, poštovanju i razumevanju



26 Integritet

- raditi savesno, marljivo, odgovorno i posvećeno, prema svom najboljem znanju

Poštovanje integriteta i dostojanstva ličnosti

- Ličnost svakog člana akademske zajednice mora uvek da bude poštovana, u skladu sa ustavnim i zakonskim jemstvima integriteta, dostojanstva i prava na privatnost

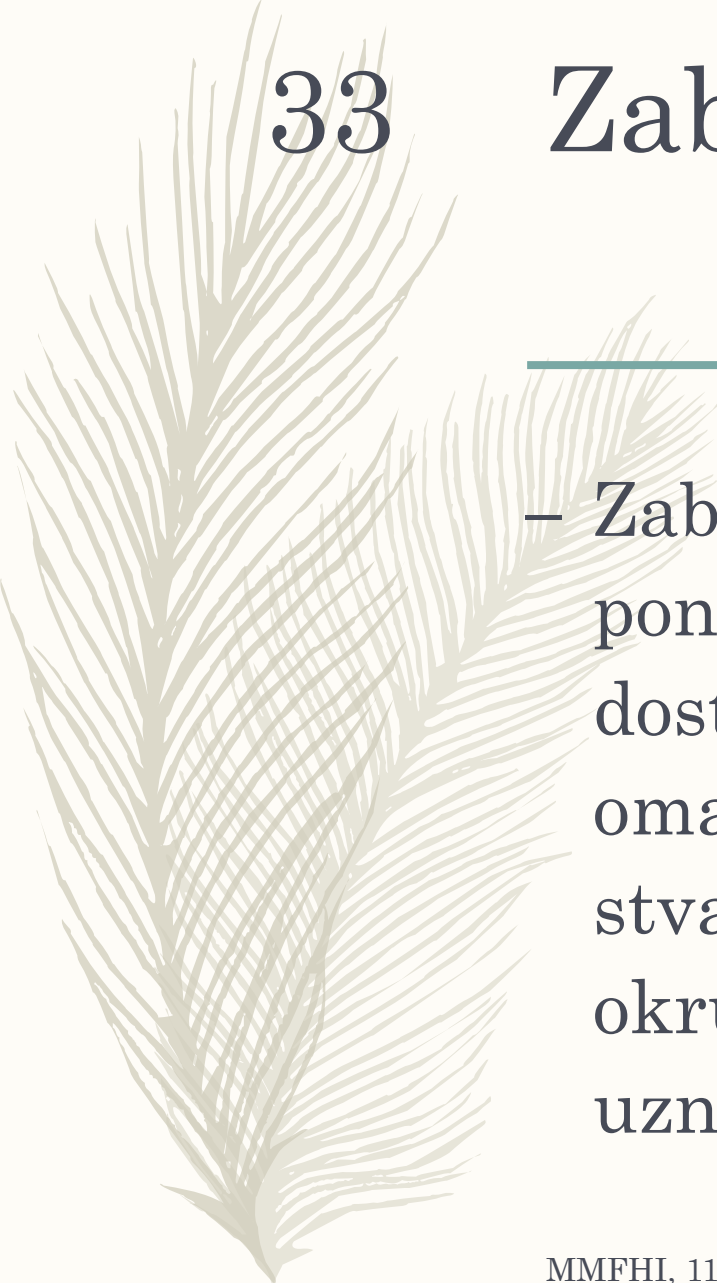
- Pravo na nesmetan akademski i profesionalni razvoj i usavršavanje, u meri u kojoj se ne ugrožava isto pravo drugih

- Jednaki uslovi za izvršavanje profesionalnih obaveza, kao i iskazivanja intelektualnih sposobnosti i napredovanja

- Samostalnost u akademskom i naučnom radu, odnosno sprovođenju originalnih naučnih istraživanja, predstavljanju vlastitih rezultata uz strogo poštovanje autorskih prava drugih kolega

- svoje obaveze izvršavati odgovorno, savesno i profesionalno, držeći se načela objektivnosti, nepristrasnosti i međusobnog uvažavanja
- stručno usavršavanje, poštovanje stručnosti, kompetencija i kvaliteta

- Diskriminacija označava svako neopravdano pravljenje razlike ili neravnopravno postupanje, na otvoren ili prikriven način, po bilo kom osnovu, a naročito po osnovu rase, pola, nacionalne pripadnosti, društvenog porekla, rođenja, veroispovesti, političkog ili drugog uverenja, imovnog stanja, kulture, jezika, starosti i psihičkog ili fizičkog invaliditeta.
- Stručnost, sposobnost, profesionalne zasluge, osposobljenost i rezultati rada

- 
- Zabranjena je svaka vrsta uznemirivanja, ponašanja koje ima za cilj povredu ličnog dostojanstva, ometanje u obavljanju poslova, omalovažavanje drugih i koje stvara ili doprinosi stvaranju neprijatnog i neprijateljskog radnog okruženja i obrazovnog ambijenta; polno uznemiravanje.

- Nedopustivo je da stavovi ili mišljenja o pojedincima, društvenim grupama i delatnostima koji nisu utemeljeni na iskustvu ili racionalnim argumentima, već su doneti unapred i zasnovani su na neopravdanim generalizacijama, utiču na njihovu objektivnost u akademskim, istraživačkim, administrativnim, poslovnim i upravljačkim delatnostima.

- Brinuti o interesima akademske zajednice u duhu razvoja akademskih sloboda, a posebno u pogledu ispitivanja, argumentovane rasprave, kritike, tolerancije i odgovornog traganja za optimalnim rešenjima

Korišćenje ljudi i životinja u naučnom istraživanju

- Fizički integritet, prava i dostojanstvo svih lica koja učestvuju kao ispitanici i drugi učesnici u naučnom istraživanju moraju da budu na odgovarajući način zaštićeni.
- Nije dozvoljeno istraživanje koje može da prouzrokuje fizičko, psihičko ili pravno ugrožavanje učesnika istraživanja, stvaranje nedopustivog rizika od ugrožavanja, kao ni podržavanje, podsticanje ili prikrivanje takvog istraživanja koje sprovode drugi članovi akademske zajednice.

Korišćenje ljudi i životinja u naučnom istraživanju

- U naučnim istraživanjima u kojima učestvuju ljudi, poštuje se princip dobrovoljnosti njihovog učešća. Saglasnost za učešće u istraživanju podrazumeva svestan pristanak dobijen nakon adekvatnog obaveštavanja učesnika o njihovim pravima, prirodi i ciljevima istraživanja, kao i načinu njihovog učešća.
- Sa životinjama koje se koriste u eksperimentalne svrhe postupa se u skladu sa pravnim, etičkim i stručnim standardima.



38

Odnos prema životnoj sredini

- odgovoran odnos prema životnoj sredini i životnom okruženju, u skladu sa propisima

- predstavljanje tuđih ideja ili tuđeg rada, u celini ili delovima, bez navođenja izvornog autorstva ili izvornika, odnosno protivzakonito prisvajanje tuđih intelektualnih tvorevina i naučnih rezultata i njihovo prikazivanje kao svojih
- doslovno preuzimanje teksta drugog autora, odnosno kopiranje iz elektronskih ili štampanih izvora, sa srpskog ili stranog jezika, u delovima ili celosti, bez navođenja imena autora i izvora iz kojeg je tekst preuzet, kao i bez jasnog obeležavanja preuzetog dela
- prepričavanje ili sažimanje teksta drugog autora iz elektronskih ili štampanih izvora, sa srpskog ili stranog jezika
- u delovima ili celosti, bez odgovarajućeg navođenja imena autora i izvora iz kojeg je tekst preuzet, kao i bez jasnog obeležavanja prepričanog dela
- predstavljanje ideja drugih autora kao svojih, bez odgovarajućeg navođenja imena autora, odnosno izvora iz koga je tekst preuzet

- navođenje kao autora lica koje nije učestvovalo u izradi rada

Izmišljanje (fabrikovanje) i krivotvorenje (falsifikovanje)

- **Fabrikovanje rezultata:** objavljivanje izmišljenih podataka ili rezultata
- **Falsifikovanje rezultata:** manipulisanje predmetom, opremom ili procesom istraživanja, sa ciljem da rezultati naučnog istraživanja budu namerno podešeni ili tendenciozno protumačeni.



42

Šta smo naučili: kviz



- https://www.elsevier.com/__data/assets/pdf_file/0008/653885/Ethics-in-research-and-publication-brochure.pdf