

Terms and Conditions of the PASIFIC Call 1

of the Polish Academy of Sciences (PAS)



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 847639.

Marie Skłodowska-Curie Actions

The PASIFIC Call 1 for applications for Fellowships realised at the institutes of the Polish Academy of Sciences or the International Institute of Molecular and Cell Biology in Warsaw dedicated to incoming researchers, hereinafter referred to as the Call, is announced within the PASIFIC Programme co-financed from Horizon 2020 within the Marie Skłodowska-Curie Actions in the COFUND call under agreement No. GA 847639.

The aim of the Call is to develop the careers of researchers by supporting their international mobility and financing ambitious research projects carried out by them at the Institutes of the Polish Academy of Sciences or the International Institute of Molecular and Cell Biology in Warsaw.

The Call for Proposals runs from 15 March 2021 to 30 June 2021.

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1. Definitions

- 1.1. PAS – Polish Academy of Sciences;
- 1.2. Applicant – a person applying for Fellowship within the PASIFIC Call 1;
- 1.3. Fellow – an individual who, as a result of the PASIFIC Call1, has obtained funding for their Fellowship at one of the Institutes;
- 1.4. Supervisor – a researcher, selected by the Applicant as a person responsible for scientific support of the Fellow’s research and for facilitating Fellow’s contacts with the local scientific community; understood as a supervisor for Applicants less than 12 years after the PhD, and as a research partner for Applicants at least 12 years after the PhD;
- 1.5. Supporting Supervisor – in Interdisciplinary Proposals, a researcher selected by the Applicant as the person responsible for the scientific support of the Supervisor;
- 1.6. Institute – an Institute of the Polish Academy of Sciences or the International Institute of Molecular and Cell Biology in Warsaw;
- 1.7. Host Institute – the Institute which has agreed to host the Fellow selected in the Call;
- 1.8. Programme Coordinator – the person who acts as the coordinator of the PASIFIC Programme under agreement No. GA 847639;
- 1.9. Fellowship – a stay of the Fellow at the Host Institute, covering research within a specified period of time on the subjects specified by the Applicant in the submitted Proposal, activities aiming at the development of the researcher” ’s career, networking and participation in training, conducted under agreement for hosting and financing of the Fellowship, hereinafter referred to as the Fellowship Agreement;
- 1.10. Secondment – a stay of the Fellow in an organisation not belonging to the System of Higher Education and Science within the meaning of Article 7(1) items 1-7 of the Polish Higher Education and Science Act of 20 July 2018 (Journal of Laws of 2020, item 85, as amended);
- 1.11. Research Areas – areas defined in Appendix 2 to the Terms and Conditions;
- 1.12. Proposal – a proposal for Fellowship funding submitted by the Fellow in the PASIFIC Call 1;
- 1.13. Interdisciplinary Proposal – a that covers more than one Research Area.

2. Addressees of the Call

- 2.1. The Call is dedicated to incoming researchers who wish to conduct research at the Institutes.
- 2.2. An Applicant in the Call may be a person who, at the closing date of the Call (30 June 2021):
 - a. holds a doctoral degree within the meaning of the law of the country in which the degree was awarded or has at least 4-years of full-time research experience after having obtained a degree entitling to embark on a doctoral programme;
 - b. has not been living, working or studying in the territory of the Republic of Poland, hereinafter referred to as Poland, for more than 12 months out of the 3-years prior to the Call deadline;
 - c. is not employed under a permanent employment contract at the Institute indicated in the Proposal as the Host Institute.

3. Duration of the Fellowships

- 3.1. Only Proposals for 24 month-length Fellowships may be submitted in the Call.
- 3.2. The Fellowship must start on the first day of a calendar month, at the earliest on 1 January 2022 and at the latest on 1 April 2022. In exceptional, justified cases, the PAS President may set a different starting date of the Fellowship, no later than 1 October 2022.

4. Type Research Conducted During the Fellowships

- 4.1. The Call is open to Proposals of any subject covering research within the meaning of Article 4(2) of the Act on Higher Education and Science of 20 July 2018.
- 4.2. Research conducted as a part of Fellowships must comply with the ethical principles applicable to the H2020 Programme as set out in the Regulation (EU) No. 1291/2013 of the European Parliament and of the Council of 11 December 2013 establishing the Horizon 2020 – the Framework Programme for Research and Innovation (2014-2020).

5. Place of the Fellowship Implementation

- 5.1. The Applicants may select any Institute as the place of the Fellowship implementation
- 5.2. The Applicants attach to the Proposal a letter of support signed by the Director of the Institute selected by the Applicant as a place of the Fellowship implementation, drawn up in accordance with the template in Appendix No. 5 to these Terms and Conditions. The letter of support must contain a commitment that, if the Applicants are awarded funding, the Institute shall, among others:
- a. employ the Applicants under a full-time employment contract for the entire duration of the Fellowship;
 - b. provide the Applicants with the resources for conducting their research, including office/laboratory infrastructure and research equipment;
 - c. assign to the Applicant the Supervisor indicated in the Proposal;
 - d. for Interdisciplinary Proposals, assign to the Applicant the Supporting Supervisor indicated in the Proposal if the Supporting Supervisor is employed by the Host Institute;
 - e. assign to the Applicant a research buddy, i.e., a person who will familiarise the Applicant with the research environment of the Host Institute, its rules and procedures;
 - f. provide administrative and financial support during the Fellowship, including support related to the arrival and stay of the Applicant in Poland, and appoint an employee responsible for its coordination;
 - g. organise, during the Fellowship, a Secondment in an organisation selected by the Applicant in Poland or abroad, if such a secondment was expected in the Proposal;
 - h. enable the Applicant to decide on the allocation of 1/5 of indirect costs of the project;
 - i. support the Applicant in obtaining the required approvals, opinions, permits or authorisations if the research carried out under the Fellowship requires formal certification of compliance with ethical standards
 - j. respect the principles of the European Charter for Researchers and Code of Conduct for the Recruitment of Researchers¹;
 - k. apply for the “HR Excellence in Research” logo no later than one year after signing the Fellowship Agreement, if the Host Institute does not have such a logo
- 5.3. In Interdisciplinary Proposals, it is possible to select a second Institute where the

¹ Commission Recommendation of 11 March 2005 on the European Charter for Researchers and on a Code of Conduct for the Recruitment of Researchers

Fellowship will be conducted. The Institute has a supporting role for the Host Institute and is not a party to the Fellowship Agreement with the Polish Acad. of Sciences. In that case, a letter of support of the supporting Host Institute according to the template in Appendix 6 is also to be attached to the Proposal. The letter of support must contain a commitment that, if the Applicant is awarded funding, the Institute supporting the Host Institute shall, among others:

- a. provide the Applicant with an office/laboratory space as well as research equipment necessary to conduct the research in the scope of the Fellowship in the Research Area not covered by the Host Institute;
- b. assign to the Applicant the Supporting Supervisor indicated in the Proposal;
- c. support the Host Institute in the administrative and financial services necessary for the research carried out during the Fellowship related to a Research Area not covered by the Host Institute;
- d. support the Applicant and the Host Institute in obtaining the required approvals, opinions, permits or authorisations in case the research carried out by the Applicant requires formal certification of compliance with ethical standards.

6. Responsibilities of the Supervisor

- 6.1. The Applicants indicate the Supervisor in the Proposal, whereas, in Interdisciplinary Proposals, they also indicate the Supporting Supervisor.
- 6.2. The Supervisor must hold at least a doctoral degree and be employed at the Host Institute under a permanent employment contract or a nomination, and in the case of the International Institute for Molecular and Cell Biology upon a fixed-term employment contract, pursuant to Article 16 sec. 1 of the Act of 26 June 1997 on the International Institute of Molecular and Cell Biology in Warsaw (Journal of Laws of 2020, item 982).
- 6.3. At the Proposal submission stage, the Supervisor is required, among others, to:
 - a. assist the Applicants in obtaining the letter of support from the Host Institute;
 - b. support the Applicants in the preparation of the Proposal, especially in the description of the Fellowship's impact on the scientific environment of the Institute and the description of ethical issues related to the research conducted within the Fellowship;
 - c. support the Applicants in establishing contact with the organisation where the Applicant plans to carry out the Secondment;
 - d. provide the Applicants with the information necessary for the preparation of part B1 of the Proposal, including the Supervisor's CV and a description of their achievements.
- 6.4. If the Applicant is awarded funding, the Supervisor commits, among others, to:

- a. provide the Fellow with the scientific support during the Fellowship;
 - b. prepare, in collaboration with the Fellow, a Career Development Plan by the end of the first month of the Fellowship at the latest, which includes, among others:
 - ◆ a description of the objectives and milestones of the Fellowship;
 - ◆ a research results publication plan;
 - ◆ a plan for presenting the Fellow's research results at international scientific meetings;
 - ◆ a plan of action concerning Fellow's participation in scientific conferences;
 - ◆ a description of the objectives and activities during the Secondment (if the Secondment is expected during the Fellowship);
 - ◆ a description of short study visits (if short study visits are expected during the Fellowship);
 - ◆ a plan for participation in workshops and training courses, including those organised by the PAS under the PASIFIC Programme;
 - ◆ plan of researcher's career development, including activities beyond the Fellowship;
 - c. evaluate the implementation of the Fellow's Career Development Plan during semi-annual evaluation meetings and update it if necessary;
 - d. monitor the compliance of the Fellow's research with fundamental ethical principles, relevant European legislation, international declarations and national law, and with the recommendations resulting from the evaluation of ethical issues related to the Proposal, if the research carried out during the Fellowship covers the Research Areas indicated in Appendix 7;
 - e. assist in the preparation of the annual and final report;
 - f. facilitate the Fellow's cooperation with the academic community in Poland and abroad;
- 6.5. The Supporting Supervisor must hold at least a doctoral degree and be employed at the Host Institute under a permanent employment contract or a nomination and, in the case of the International Institute for Molecular and Cell Biology upon a fixed-term employment contract pursuant to Article 16 sec. 1 of the Act of 26 June 1997 on the International Institute of Molecular and Cell Biology in Warsaw (Journal of Laws of 2020, item 982).
- 6.6 At the Proposal stage, the Supporting Supervisor is obliged, among others, to:
1. assist the Applicants in obtaining a letter of support from the Institute supporting the Host Institute if the Supporting Supervisor is not an employee of the Host Institute;
 2. support the Applicants in the Proposal preparation if the Research Area is not covered by the Host Institute;
 3. support the Applicants in establishing contact with the organisation where the Applicant plans to carry out the Secondment;

4. provide the Applicant with the CV and information on the scientific achievements of the Supporting Supervisor necessary for the Proposal preparation;
- 6.7 If the Applicant is awarded funding, the Supporting Supervisor commits, among others, to:
1. provide scientific support for the research carried out by the Fellow during the Fellowship in collaboration with the Supervisor;
 2. prepare the Fellow's Career Development Plan together with the Supervisor and the Fellow;
 3. support the Supervisor in evaluating the implementation of the Fellow's Career Development Plan during semi-annual evaluation meetings and update it if necessary;
 4. monitor, in collaboration with the Supervisor, the compliance of the Fellow's research with fundamental ethical principles, relevant European legislation, international declarations and national law, and with the recommendations resulting from the evaluation of ethical issues related to the Proposal, if the research carried out during the Fellowship covers the Research Areas indicated in Appendix 7;
 5. assist, in collaboration with the Supervisor, in the preparation of annual and final reports;
 6. facilitate the Fellow's cooperation with the academic community in Poland and abroad.

7. Secondment

- 7.1. The Applicants may include in the Proposal a Secondment to a unit not belonging to the System of Higher Education and Science within the meaning of Article 7(1) items 1-7 of the Act on Higher Education and Science of 20 July 2018, implementing the research results related to the research conducted within the Fellowship.
- 7.2. The duration of the Secondment may not exceed 6 months.
- 7.3. The duration of the Secondment does not extend the duration of the Fellowship.

8. Fellowship Funding Rules

- 8.1. The Host Institute indicated by the Applicant as the place of Fellowship implementation shall receive:
 - a. funds for hiring the Applicant under a full-time employment contract for a period of 24 months in the amount of EUR 99,000;

- b. funds for the family allowance of EUR 7,200 for researchers who, at the closing date of the Call, have family commitments, i.e., are married or in a relationship equivalent to marriage according to the law of the country where the relationship has been formalised, or have dependent children. Entitlement to the family allowance is determined at the closing date of the Call and is not verified between the closing date and the end of the Fellowship. The allowance is due if the spouse(s)/partner(s) or child(ren) change their place of residence and come to Poland with Fellows for at least 3 months during the Fellowship;
 - c. financial resources for research during the Fellowship by the Applicant in the amount not exceeding PLN 257,484.00;
 - d. indirect costs calculated as 20% of the sum of the costs indicated in Section 8.1(a), (b) and (c).
- 8.2. For the calculation of indirect costs, the costs included in Section 8.1 (a) and (b) are converted into the PLN according to the euro exchange rate announced by the National Bank of Poland in the Average Exchange Rate Table No. 088/A/NBP/2019 of 8 May 2019, i.e., EUR 1 = PLN 4.2914.
- 8.3. The amounts in EUR set out in Section 8.1 (a) and (b) are converted into PLN at the higher of the following rates:
- a. EUR exchange rate announced by the National Bank of Poland in the Average Exchange Rate Table No. 088/A/NBP/2019 of 8 May 2019, i.e., EUR 1 = PLN 4.2914;
 - b. average EUR exchange rate (for foreign currencies) announced by the European Central Bank
https://www.ecb.europa.eu/stats/policy_and_exchange_rates/euro_reference_exchange_rates/html/eurofxref-graph-pln.en.html:
 - ◆ in the period from 1 March 2020 to 28 February 2022 for the period from 1 March 2020 to 28 February 2022;
 - ◆ in the period from 1 March 2022 to 31 August 2023 for the period from 1 March 2022 to 31 August 2023;
 - ◆ in the period from 1 September 2023 to 28 February 2025 for the period from 1 September 2023 to 28 February 2025
- 8.4. The funds will be provided by the PAS to the Host Institute as follows:
- a. within 30 days from the date of concluding agreement, in the amount calculated as 85% of the sum of the funds indicated in Section 8.1 (a-d). The funds indicated in Section 8.1 (a) and (b) are converted into PLN at the rate indicated in Section 8.3 (a);
 - b. the remaining funds are transferred to the Institute following the final approval of the Fellowship final report.

8.5. The Fellowship's costs must meet the requirements set out in Appendix 4 to these Terms and Conditions.

9. Application Procedure

- 9.1. The Proposal, along with the required attachments, must be submitted electronically in
1. English in the SEA system available at <https://sea.pan.pl/> between 15 March 2021 and 30 June 2021. The Proposal is considered to have been submitted when it has a status "submitted" in the SEA system. It is the Applicant's responsibility to check whether submitting the Proposal has been successfully completed.
- 9.2. The scope of data required in the Proposal and the attachments are specified in Appendix No. 1 to these Terms and Conditions.

10. Proposal Evaluation – General Principles

- 10.1. Proposals are subject to formal, merit-based and ethics evaluation.
- 10.2. Only Proposals with the "submitted" status in the SEA system at the closing date of the Call are evaluated.
- 10.3. The Proposal evaluation is based on the data contained in the Proposal and the attachments thereto.

11. Formal Evaluation of Proposals

- 11.1. The first stage of the Proposal evaluation is a formal evaluation. The criteria for formal evaluation are laid down in Appendix 3 to the Terms and Conditions. Failure to meet one of the criteria will result in a rejection of the Proposal on formal grounds.
- 11.2. The formal evaluation of the Proposal is performed by the employees of the Polish Academy of Sciences Chancellery appointed by the PASIFIC Programme Coordinator; the formal evaluation is approved by the PASIFIC Programme Coordinator.

12. Evaluators and Evaluation Panels

- 12.1. Proposals in the PASIFIC Call 1 are submitted to one of the three Evaluation Panels:
- a. Panel 1 – Humanities and Social Sciences;
 - b. Panel 2 – Physical Sciences and Engineering;
 - c. Panel 3 – Life Sciences.

- 12.2. A list of the Research Areas evaluated by each panel can be found in Appendix 2 to these Terms and Conditions.
- 12.3. The Applicants is obliged to indicate which of the Evaluation Panels is the most appropriate for evaluating their Proposals.
- 12.4. The Applicants submitting an Interdisciplinary Proposal, covering Research Areas evaluated by at least two different Evaluation Panels, indicate in the Proposal the primary Evaluation Panel and a supporting Evaluation Panel.
- 12.5. The Chairperson of the Evaluation Panel may transfer a Proposal to another Evaluation Panel upon the consent of the Chairperson of that Evaluation Panel.
- 12.6. Each Evaluation Panel consists of 15 evaluators and the Chairperson indicated by the Programme Coordinator.
- 12.7. At least 35% of the evaluators in each Evaluation Panel should be women.
- 12.8. All Evaluation Panels consist of at least 25 evaluators of non-Polish nationality.
- 12.9. Evaluators are selected by the Programme Coordinator from among distinguished Polish and foreign researchers on the basis of their scientific achievements and experience in evaluating research projects.

13. Merit-based Evaluation

- 13.1. The Chairperson of the Evaluation Panel selects 5 evaluators responsible for the merit based evaluation of each Proposal.
- 13.2. The merit-based evaluation of Proposals is carried out in two stages:
 - a. Stage I – at this stage, the Proposal is read independently by 5 evaluators, who carry out the individual assessments.
 - b. Stage II – at this stage, the joint evaluation is performed collectively by evaluators, who assessed Proposals at Stage I.
- 13.3. As a result of the merit-based evaluation, the evaluators award a score ranging from 0 to 100 points with a written justification.
- 13.4. The merit-based evaluation is performed according to criteria grouped into the three categories: Excellence, Impact and Feasibility described, together with the maximum number of points for each criterion, in Appendix 3 to these Terms and Conditions.
- 13.5. At the individual evaluation stage referred to in Section 13.2 (a), each evaluator assesses the Proposal without consulting other evaluators. At the stage of joint evaluation referred to in Section 13.2 (b), evaluators, through discussion and exchange of opinions, agree upon a joint score for the Proposal and jointly prepare its justification.

14. Panel Ranking List

- 14.1. Allocation of funds to the given Evaluation Panel is determined after the closing date of the Call as a result of the multiplication of financial outlays of the Call as specified in Section 19 of these Terms and Conditions. The sum of the budgets of the Proposals submitted to the given Evaluation Panel divided by the sum of the budgets of the Proposals submitted in the Call.
- 14.2. The position of a Proposal in the ranking list of the given Evaluation Panel is determined by the joint score referred to in Section 13.6.
- 14.3. Should two or more Proposals obtain the equal joint score, the Proposal with the higher score for the Excellence criterion will be placed higher in the ranking. If the Proposals referred to in the first sentence obtain the equal score for this criterion, the Proposal with the higher score for the Impact criterion would be placed higher in the ranking. If the Proposals referred to in the previous sentence obtain the equal score for the Impact criterion, the Chairperson of the Evaluation Panel decides on their final position in the ranking list.
- 14.4. The Evaluation Panel recommends for funding the Proposals that reached the threshold of over 60 points as referred to in Section 13.6, and whose sum of total planned expenditure does not exceed the amount of funds allocated to the given Evaluation Panel.
- 14.5. In addition to the Proposals recommended for funding, the Proposals in the ranking list of the given Evaluation Panel that reached the threshold of over 60 points form a reserve list of Proposals conditionally recommended for funding.
- 14.6. The number of positions on the reserve list of the given Evaluation Panel is equal to the multiplication of 15 (the maximum total number of Proposals on the final reserve list, combined from reserve lists from all the Evaluation Panels) and the funds allocated to the given Evaluation Panel divided by the funds specified in Section 20.1 of the Terms and Conditions.

15. List of Proposals Recommended for Funding

- 15.1. The list of Proposals recommended for funding in the Call is created by combining the lists of Proposals recommended for funding created by all the Evaluation Panels.
- 15.2. The Chairpersons of the Evaluation Panels jointly create a Call reserve list by

combining the reserve lists of the individual Evaluation Panels and determine the order of the Proposals on this list. The Call reserve list includes a maximum of 15 Proposals. The Call reserve list is not to be complemented at later stages.

- 15.3. If the sum of the budgets of the Proposals recommended for funding in all the Evaluation Panels is lower than the financial outlay for the Call specified in Section 20.1 of the Terms and Conditions, and, at the same time, sufficient for funding the next Proposal, the Chairpersons of the Evaluation Panels may jointly decide that the first Proposal from the reserve list will be included in the list of Proposals recommended for funding in the Call.

16. Ethics Evaluation

- 16.1. The ethics evaluation of the Proposals is performed by ethics experts appointed by the PAS President.
- 16.2. All Proposals recommended for funding and those on the reserve list are subject to ethics evaluation, which consists of the following stages:
- a. ethics screening;
 - b. ethics assessment;
- 16.3. Ethics screening
- a. At the stage of the ethics screening, each Proposal is read by one ethics expert who verifies whether the Proposal contains any of the areas of research requiring ethics assessment as specified in Appendix 7.
 - b. If the Proposal does not cover any of the Research Areas listed in Appendix 7, the Proposal will be directed to financing. If the Proposal covers at least one of the Research areas listed in Appendix 7, the ethics expert will refer the Proposal for ethics assessment.
- 16.4. Ethics assessment
- a. The ethics assessment addresses the compliance of the Applicant's proposed research with fundamental ethical principles, relevant European legislation, international declarations and national law.
- 16.5. The ethics assessment consists of two stages:
- a. Individual ethics assessment.
At this stage, the Proposal is read independently by 3 ethics experts, who carry out the individual ethics assessments.
 - b. Joint ethics assessment.
At this stage, the ethics experts jointly make the final ethics recommendation with justification.
- 16.6. The ethics recommendation may be as follows:

- a. The Proposal is directed to financing and does not require any changes;
 - b. The Proposal is directed to financing but requires changes recommended by the ethics experts;
 - c. The Proposal raises serious ethical issues and is not directed to financing.
- 16.7. The Fellowship Agreement may be concluded only if ethics recommendations, if any, are implemented.

17. Final Outcome of the Call

- 17.1. After the ethics evaluation, the final list of Proposals directed to financing is created, including all Proposals from the list of Proposals recommended for funding in the Call, that are directed to financing and do not require changes, and those which are directed to financing but require changes recommended by the ethics experts.
- 17.2. If the ethics experts agree that a Proposal from the list of Proposals recommended for funding raises serious ethical issues and is not directed to financing, then this Proposal will not be included in the final list of Proposals directed to financing, and will be replaced by the first Proposal from the Call reserve list.
- 17.3. The final list of Proposals directed to financing and the Call reserve list, after the
2. Programme Coordinator's approval, is accepted by the PAS President and published on the website <https://pasific.pan.pl/> by 31 December 2021.
- 17.4. If the Applicant, whose Proposal is placed on the final list of Proposals directed to financing, resigns from the Fellowship or is not able to pursue it, the PAS President may direct to financing the first Proposal from the Call reserve list.

18. Redress Procedure

- 18.1. In case the Proposal is rejected, the Applicant has a right to appeal to the PASIFIC Programme Redress Committee within 30 days from the date of publication of the list of Proposals directed to financing referred to in Section 17.3.
- 18.2. An appeal may be lodged only if the Call procedure set forth in the Terms and Conditions has been infringed.
- 18.3. Appeals must be sent by e-mail to redress@pan.pl, including at least:
- a. Name, Last Name;
 - b. Proposal ref. No.;
 - c. Proposal Acronym and Title;
 - d. Indication of infringement;

- e. Justification.
- 18.4. The PASIFIC Programme Redress Committee consists of the PAS Chancellor and two employees of the PAS Chancellery nominated by him, holding a university degree in law, who have not participated in the evaluation process of the Proposal submitted in the Call.
- 18.5. The PASIFIC Programme Redress Committee decides on the redress no later than 2 weeks after the redress procedure has been lodged.
- 18.6. If justified, the PASIFIC Programme Redress Committee may refer the Proposal for formal, merit-based and ethical re-evaluation.
- 18.7. If the Proposal is directed by the PASIFIC Programme Redress Committee to re-evaluation, the following rules apply:
 - a. the re-evaluation of the Proposal should be completed within 10 months from the date on which the Proposal was directed to the re-evaluation in terms of content and ethics, as described in Sections 13-16;
 - b. as a result of the re-evaluation of the Proposal, the Evaluation Panel makes a new joint assessment and issues an opinion if the Proposal is appropriate for funding, taking into account scores of all Proposals assessed previously in the Call;
 - c. if the Proposal is deemed appropriate for funding, it is directed to ethics evaluation.
 - d. in case of a positive ethics evaluation, after the approval of the Programme Coordinator, the PAS President introduces adequate changes to the list of Proposals directed to financing or the reserve list.
 - e. experts who participated in the previous evaluation cannot participate in the re-evaluation of the Proposal.

19. Transfer of Funds for the Fellowship

- 19.1. After the announcement of the list of Proposals directed to financing, the Polish Academy of Sciences concludes agreements for the Fellowships with the Host Institutes.
- 19.2. Research involving human embryos or human embryonic stem cells can only be carried out after the PAS receives approval from the Research Executive Agency (REA). The agreement for the implementation of Fellowships involving such research can only be signed after the PAS obtains approval from the REA.
- 19.3. The Fellowship Agreement specifies:
 - a. terms and conditions of the Fellowship;
 - b. conditions for the Fellow's employment;

- c. the funds allocated for the Fellowship and rules for transferring the funds by the Polish Academy of Sciences;
 - d. description of the Fellow's research project;
 - e. principles and procedures of the Fellowship supervision and monitoring by the Polish Academy of Sciences;
 - f. rules of the Fellowship financial settlement;
 - g. rules of the final Fellowship evaluation.
- 19.4. The Host Institute is obliged to provide a copy of the employment contract concluded with the Fellow no later than 7 days after the Fellowship's commencement. Failure to meet the deadline may result in the termination of the Fellowship Agreement.
- 19.5. During the Fellowship, the Fellows are obliged to participate in at least four training courses to develop competencies. They will be organised and financed by the Polish Academy of Sciences.

20. The Call financial outlays

- 20.1. Within the Call, a maximum of 35 Fellowships with a total budget not exceeding EUR 6,980,400 are expected to be funded.

APPENDICES

- ◆ Appendix 1 – Data required in the Proposal
- ◆ Appendix 2 – The list of Research Areas assessed in the PASIFIC Evaluation Panels
- ◆ Appendix 3 – Criteria for formal and merit-based evaluation
- ◆ Appendix 4 – Eligible costs in the PASIFIC Programme
- ◆ Appendix 5 – Template of letter of support from the Host Institute
- ◆ Appendix 6 – Template of the letter of support from the Institute Supporting Host Institute
- ◆ Appendix 7 – Research Areas requiring ethical assessment

Appendix 1. Data required in the Proposal

Appendix No. 1 to the Terms and Conditions of the
PASIFIC Call 1



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Marie Skłodowska-Curie Actions

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1. Data to be filled in the system:

1.1 Information on the Applicant:

- a. first name,
- b. last name,
- c. date and place of birth,
- d. gender,
- e. Nationality.

1.2 Eligibility information

- a. To choose from: I have a PhD/ I do not have a PhD, but I have at least the 4-year equivalent research experience
- b. For holders of a PhD: date, place, and institution where the doctoral degree was obtained
- c. For those without a PhD:
 - i. date, place, country and institution where the degree/title the doctoral degree was awarded
 - ii. information on research experience since obtaining the degree entitling to embark on a doctorate, i.e., period, institution, percentage of a full-time, type of experience
- d. Information about places of residence and main activities during the last 3 years before the closing date of the Call (start date, end date, country, place, institution, type of activity selected from the list)

1.3 Information on the project:

- a. Evaluation Panel (To choose from the list in Appendix No. 3)
- b. Discipline
- c. Keywords (To choose from the list)
- d. Free Keywords
- e. Check-box to indicate if the project is interdisciplinary; if so, a possibility to choose the second panel, research area, discipline, keywords from the list and free keywords
- f. Acronym
- g. Title
- h. Abstract (max. 2000 characters)

1.4 Information on the Host Institute (to be chosen from the list) and the Supervisor (to be indicated)

1.5 Budget:

- a. Fellow's remuneration
- b. Family allowance
- c. Supervisor's remuneration
- d. Other personnel costs
- e. Equipment
- f. Consumables
- g. Travel costs
- h. Publications
- i. Dissemination activities
- j. Other
- k. Total direct costs
- l. Total indirect costs
- m. Total estimated eligible costs

1.6 Ethics issues table (Applicant should answer the following questions):

1. HUMAN EMBRYOS/FOETUSES

Does your project involve Human Embryonic Stem Cell (hESC) research?

Does your research involve the use of human embryos?

Does your research involve the use of human foetal tissues or cells?

2. RESEARCH WITH HUMAN PARTICIPANTS

Does your research project involve human participants?

Does your research include physical interventions on the study participants?

If your research involves processing genetic information, see also Section 4.

3. HUMAN CELLS/TISSUES

Does your research involve human cells or tissues (other than human embryos/foetuses, i.e. Section 1)

4. PERSONAL DATA

Does your research involve personal data collection and/or processing?

Does your research involve further processing of previously collected personal data (secondary use)?

5. ANIMALS

Does your research involve animals?

6. SCIENTIFIC COOPERATION WITH COUNTRIES OUTSIDE THE EUROPEAN UNION (EU)

Where non-EU countries are involved in the research, do the research activities undertaken in those countries raise potential ethical issues?

Do you plan to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, samples of endangered fauna or flora, etc.)?

Do you plan to import any material – including personal data – from non-EU countries into the EU?

Do you plan to export any material – including personal data – from the EU to countries outside the EU?

If your research includes low and/or lower middle income countries, are there any benefit sharing activities planned?

Could the situation in the country potentially endanger persons taking part in the research?

7. ENVIRONMENT, HEALTH AND SAFETY

Does your research involve the use of elements that may cause harm to the environment, animals or plants?

Does your research deal with endangered fauna and/or flora and/or protected areas?

Does your research involve elements that may cause harm to humans, including research staff?

8. DUAL USE

Does your research involve dual-use items within the meaning of Regulation No. 428/2009 or other items for which an authorisation is required?

9. FOCUS ON CIVIL APPLICATIONS

Could your research raise concerns about an exclusive focus on civil applications?

10. MISUSE

Is there a risk of potential misuse of research results?

11. OTHER ETHICAL ISSUES

Are there any other ethical issues to consider in the research?

If you answered Yes to any of the questions above, answer the specific questions:

1. HUMAN EMBRYOS/FOETUSES

Does your project involve Human Embryonic Stem Cell (hESC) research?

◆ Will they be directly derived from embryos?

- ◆ Are they pre-established cell lines?

Does your research involve the use of human embryos?

- ◆ Will your research lead to their destruction?

Does your research involve the use of human foetal tissues or cells?

2. RESEARCH WITH HUMAN PARTICIPANTS

Does your research project involve human participants?

- ◆ Are they volunteers for social or human sciences research?

- ◆ Are they persons unable to give informed consent?

- ◆ Are they particularly vulnerable individuals or groups?

- ◆ Are they children/minors?

- ◆ Are they patients?

- ◆ Are they healthy volunteers participating in medical research?

Does your research include physical interventions on the study participants?

- ◆ Does your research involve invasive techniques?

- ◆ Does your research involve biological sampling?

If your research involves processing genetic information, see also Section 4.

3. HUMAN CELLS/TISSUES

Does your research involve human cells or tissues (other than human embryos/foetuses, i.e. Section 1)

- ◆ Are they commercially available?

- ◆ Will they be obtained as part of the project?

- ◆ Will they be obtained within another project, laboratory or institution?

- ◆ Are they deposited in a biobank?

4. PERSONAL DATA

Does your research involve personal data collection and/or processing?

- ◆ Does it involve the collection and/or processing of sensitive personal data (e.g. concerning health, sex life, ethnic origin, political opinions, religious or philosophical beliefs)?

- ◆ Does your research involve processing genetic information?

- ◆ Does it involve tracking or observing participants?

Does your research involve further processing of previously collected personal data (secondary use)?

5. ANIMALS

Does your research involve animals?

◆ Are they vertebrates?

◆ Are they non-human primates?

◆ Are they genetically modified?

◆ Are they cloned farm animals?

◆ Are they endangered species?

◇ Please list these species (up to 1000 characters)

6. SCIENTIFIC COOPERATION WITH COUNTRIES OUTSIDE THE EUROPEAN UNION (EU)

Where non-EU countries are involved in the research, do the research activities undertaken in those countries raise potential ethical issues?

◇ Please list these countries (up to 1000 characters)

Do you plan to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, samples of endangered fauna or flora, etc.)?

Do you plan to import any material – including personal data – from non-EU countries into the EU?

◇ Please specify material and countries involved (up to 1000 characters)

Do you plan to export any material – including personal data – from the EU to countries outside the EU?

◇ Please specify material and countries involved (up to 1000 characters)

If your research includes low and/or lower middle income countries, are there any benefit sharing activities planned?

Could the situation in the country potentially endanger persons taking part in the research?

7. ENVIRONMENT, HEALTH AND SAFETY

Does your research involve the use of elements that may cause harm to the environment, animals or plants?

Does your research deal with endangered fauna and/or flora and/or protected areas?

Does your research involve elements that may cause harm to humans, including research staff?

8. DUAL USE

Does your research involve dual-use items within the meaning of Regulation No. 428/2009 or other items for which an authorisation is required?

9. FOCUS ON CIVIL APPLICATIONS

Could your research raise concerns about an exclusive focus on civil applications?

10. MISUSE

Is there a risk of potential misuse of research results?

11. OTHER ETHICAL ISSUES

Are there any other ethical issues to consider in the research?

◇ Please specify (up to 1000 characters)

1.7 Information on how the Applicant found out about the Programme (indication from the list)

1.8 Access to pre-submission data

The Applicant can choose whether to give access to pre-submission data. The PASIFIC Team needs it to plan the evaluations. The pre-submission data is limited to: Project Acronym, Host Institute, Supervisor, Evaluation Panel, Discipline, Keywords, Abstract. Neither Part B nor any annexe(s) from the pre-submission data can be accessed by the PASIFIC Team before the call deadline.

1.9 Applicant's declarations

- a. I declare that during the last three years before the Call's deadline, I have not worked, studied or lived in Poland for more than 12 months
- b. I declare that I am not employed on the basis of an employment contract for an indefinite time period at the Host Institute indicated in the application form.
- c. If funding is granted for a research fellowship within the PASIFIC Programme, I will not apply for the POLONEZ funding scheme announced by the National Science Center.
- d. I declare that the information contained in the application form is accurate and in accordance with the facts and law. I confirm that the scans of the documents attached to the application are consistent with the originals of these documents.
- e. I declare that if the application is selected for financing, I consent to the publication of a brief description of the research project (abstract) together with the information about the call results on the website of the Polish Academy of Sciences.

2. Required attachments

2.1 Attachment B1 to the Proposal (max. 10 pages)

1. Description of the research planned
 1. Scientific objective of the proposed research
 2. Current state of the arts
 3. Research idea and plan
 4. Impact of the research planned on a discipline
 5. Methodology
 6. Description of Secondment (if planned)
 7. References

2. Impact of the fellowship on the Applicant's career

2.2 Attachment B2 to the Proposal (max. 8 pages)

1. Applicant's CV
2. Description of the Applicant's scientific achievements during 5 years prior to the closing date of the Call²
 - 2.1 Scientific publications (max. 5), monographs (max. 3)
 - 2.2 Presentations at scientific conferences/symposia
 - 2.3 Participation in research projects
 - 2.4 Other achievements
3. Supervisor's CV
4. Description of the Supervisor's scientific achievements during 10 years prior to the closing date of the Call
 - 4.1 Scientific publications (max. 10), monographs (max. 3)
 - 4.2 Presentations at scientific conferences/symposia
 - 4.3 Participation in research projects
 - 4.4 Other achievements

² For applicants who, in the last 5 years before the closing date of the Call, have had career breaks of more than 90 days due to compulsory military or civil service, long-term illness or paternity leave, the 5-year period may be extended by documented periods of absence from work. For Applicants, who gave birth in the last 5 years before the closing date of the Call, the 5-year period is automatically extended by 18 months for each child. If Applicant's maternity leave is longer than 18 months, they can be granted an extension for the whole documented absence period.

5. Information on the Supporting Supervisor
6. Information on the Host Institute, including an explanation of the Fellow's choice, description of the scientific environment and the research equipment
7. Impact of the Fellowship on the Host Institute

2.3 Letter of Support of the Host Institute

The Letter confirms the Host Institute's willingness to host the Fellow. It needs to be signed by both the Director of the Institute (or other authorised persons) and the Supervisor(s).

2.4 Letter of Support of the Institute supporting the Host Institute

For interdisciplinary projects involving more than one Institute, a Letter of Support from the Supporting Institute.

2.5 A scan of the PhD diploma or documents confirming 4 years of equivalent experience

A scan of the PhD diploma or the diploma entitling to embark on a doctorate together with documents confirming at least 4-year of full-time equivalent research experience after having obtained a degree entitling to embark on a doctoral studies and their translation into English or Polish, if they are in a language other than English or Polish.

2.6 Other documents

- ◆ In case of a positive answer to at least one question in the section "Ethical Issues Table", the Applicants prepare an "Ethics self-assessment" tackling ethical issues related to their research project and explaining how the Applicant and the Host Institute will ensure that the research complies with fundamental ethics principles, relevant European legislation, international declarations, and national law;
- ◆ Other documents.

List of Research Areas assessed in the PASIFIC Evaluation Panels

Appendix No. 2 to the Terms and Conditions of the
PASIFIC Call 1



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Marie Skłodowska-Curie Actions

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List of Research Areas assessed in the PASIFIC Evaluation Panels

For the purpose of merit-based evaluation of applications submitted in the Call, the following division into 3 Evaluation Panels, covering the entire thematic scope of research, was adopted. Each Evaluation Panel covers the research areas described below with keywords.

1. PANEL 1: Humanities and Social Sciences (SH)

1.1 RESEARCH AREA: SH1

Unit, institutions, markets: economics, finance, management

KEYWORDS:

| Number | Keywords |
|--------|--|
| SH1_1 | Macroeconomics; monetary economics; economic growth |
| SH1_2 | International trade; international management; international business; spatial economics |
| SH1_3 | Development economics; structural change; political economy of development |
| SH1_4 | Finance; asset pricing; international finance; market microstructure |
| SH1_5 | Corporate finance; banking and financial intermediation; accounting; auditing; insurance |
| SH1_6 | Econometrics; operations research |
| SH1_7 | Behavioral economics; experimental economics; neuro-economics |
| SH1_8 | Microeconomic theory; game theory; decision theory |
| SH1_9 | Industrial organization; entrepreneurship; R&D and innovation |
| SH1_10 | Management; strategy; organizational behavior |
| SH1_11 | Human resource management; operations management, marketing |

| | |
|--------|--|
| SH1_12 | Environmental economics; resource and energy economics; agricultural economics |
| SH1_13 | Labour and demographic economics |
| SH1_14 | Health economics; economics of education |
| SH1_15 | Public economics; political economics; law and economics |
| SH1_16 | Historical economics; quantitative economic history; institutional economics; economic systems |

1.2 RESEARCH AREA: SH2

Institutions, governments and legal systems: political science, international relations, law

KEY WORDS:

| Numer | Słowa klucz |
|-------|--|
| SH2_1 | Political systems, governance |
| SH2_2 | Democratization and social movements |
| SH2_3 | Conflict resolution, war, peace building, international law |
| SH2_4 | Legal studies, constitutions, human rights, comparative law |
| SH2_5 | International relations, global and transnational governance |
| SH2_6 | Humanitarian assistance and development |
| SH2_7 | Political and legal philosophy |
| SH2_8 | SH2_8 Big data in political and legal studies |

1.3 RESEARCH AREA: SH3

Social world and its diversity: sociology, social psychology, social anthropology, pedagogy, communication studies

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| SH3_1 | Social structure, social mobility, social innovation |
| SH3_2 | Inequalities, discrimination, prejudice |
| SH3_3 | Aggression and violence, antisocial behavior, crime |
| SH3_4 | Social integration, exclusion, prosocial behavior |
| SH3_5 | Attitudes and beliefs |
| SH3_6 | Social influence; power and group behaviour |
| SH3_7 | Kinship; diversity and identities, gender, interethnic relations |
| SH3_8 | Social policies, welfare, work and employment |
| SH3_9 | Poverty and poverty alleviation |
| SH3_10 | Religious studies, ritual; symbolic representation |
| SH3_11 | Social aspects of teaching and learning, curriculum studies, education and educational policies |
| SH3_12 | Communication and information, networks, media |
| SH3_13 | Digital social research |
| SH3_14 | Social studies of science and technology |

1.4 RESEARCH AREA: SH4

Human mind and its complexity: cognitive science, psychology, linguistics, theoretical philosophy

KEY WORDS:

| Numer | Słowa klucz |
|--------|--|
| SH4_1 | Cognitive basis of human development and education, developmental disorders; comparative cognition |
| SH4_2 | Personality and social cognition; emotion |
| SH4_3 | Clinical and health psychology |
| SH4_4 | Neuropsychology |
| SH4_5 | Attention, perception, action, consciousness |
| SH4_6 | Learning, memory; cognition in ageing |
| SH4_7 | Reasoning, decision-making; intelligence |
| SH4_8 | Language learning and processing (first and second languages) |
| SH4_9 | Theoretical linguistics; computational linguistics |
| SH4_10 | Language typology; historical linguistics |
| SH4_11 | Pragmatics, sociolinguistics, linguistic anthropology, discourse analysis |
| SH4_12 | Philosophy of mind, philosophy of language |
| SH4_13 | Philosophy of science, epistemology, logic |

1.5 RESEARCH AREA: SH5

Culture and cultural products: literary studies, cultural studies, art, philosophy

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| SH5_1 | Classics, ancient literature and art |
| SH5_2 | Theory and history of literature, comparative literature |
| SH5_3 | Philology; text and image studies |
| SH5_4 | Visual and performing arts, film, design and architecture |
| SH5_5 | Music and musicology; history of music |
| SH5_6 | History of art and architecture, arts-based research |
| SH5_7 | Museums, exhibitions, conservation and restoration |
| SH5_8 | Cultural studies, cultural identities and memories, cultural heritage |
| SH5_9 | Metaphysics, philosophical anthropology; aesthetics |
| SH5_10 | Ethics and its applications; social philosophy |
| SH5_11 | History of philosophy |
| SH5_12 | Computational modelling and digitization in the cultural sphere |

1.6 RESEARCH AREA: SH6

Studies of the past: archaeology and history

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| SH6_1 | Historiography, theory and methods in history, including the analysis of digital data |
| SH6_2 | Classical archaeology, history of archaeology, social archaeology |
| SH6_3 | General archaeology, archaeometry, landscape archaeology |
| SH6_4 | Prehistory, palaeoanthropology, palaeodemography, protohistory, bioarchaeology |
| SH6_5 | Palaeography and codicology |
| SH6_6 | Ancient history |
| SH6_7 | Medieval history |
| SH6_8 | Early modern history |
| SH6_9 | Modern and contemporary history |
| SH6_10 | Colonial and post-colonial history |
| SH6_11 | Global history, transnational history, comparative history, entangled histories |
| SH6_12 | Social and economic history |
| SH6_13 | Gender history, cultural history, history of collective identities and memories, history of religions |
| SH6_14 | History of ideas, intellectual history, history of economic thought |
| SH6_15 | History of science, medicine and technologies |

1.7 RESEARCH AREA: SH7

Mobility, environment and space: human geography, demography, health, sustainable development, territorial planning, spatial analysis

KEY WORDS:

| Numer | Słowa klucz |
|--------|--|
| SH7_1 | Human, economic and social geography |
| SH7_2 | Migration |
| SH7_3 | Population dynamics: households, family and fertility |
| SH7_4 | Social aspects of health, ageing and society |
| SH7_5 | Sustainability sciences, environment and resources |
| SH7_6 | Environmental and climate change, societal impact and policy |
| SH7_7 | Cities; urban, regional and rural studies |
| SH7_8 | Land use and planning |
| SH7_9 | Energy, transportation and mobility |
| SH7_10 | GIS, spatial analysis; big data in geographical studies |

2. PANEL 2: Physical Sciences and Engineering (PE)

2.1 RESEARCH AREA: PE1

Mathematical sciences: all areas of mathematics, theoretical and applied, and the mathematical foundations of computer science, physics and statistics

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| PE1_1 | Logic and foundations |
| PE1_2 | Algebra |
| PE1_3 | Number theory |
| PE1_4 | Algebraic and complex geometry |
| PE1_5 | Lie groups, Lie algebras |
| PE1_6 | Geometry and global analysis |
| PE1_7 | Topology |
| PE1_8 | Analysis |
| PE1_9 | Operator algebras and functional analysis |
| PE1_10 | ODE and dynamical systems |
| PE1_11 | Theoretical aspects of partial differential equations |
| PE1_12 | Mathematical physics |
| PE1_13 | Probability |
| PE1_14 | Mathematical statistics |
| PE1_15 | Generic statistical methodology and modelling |
| PE1_16 | Discrete mathematics and combinatorics |
| PE1_17 | Mathematical aspects of computer science |
| PE1_18 | Numerical analysis |
| PE1_19 | Scientific computing and data processing |
| PE1_20 | Control theory, optimisation and operational research |
| PE1_21 | Application of mathematics in sciences |
| PE1_22 | Application of mathematics in industry and society |

2.2 RESEARCH AREA: PE2

Basic constituents of matter: particle, nuclear, plasma, atomic, molecular, gas and optical physics

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| PE2_1 | Theory of fundamental interactions |
| PE2_2 | Phenomenology of fundamental interactions |
| PE2_3 | Experimental particle physics with accelerators |
| PE2_4 | Experimental particle physics without accelerators |
| PE2_5 | Classical and quantum physics of gravitational interactions |
| PE2_6 | Nuclear, hadron and heavy ion physics |
| PE2_7 | Nuclear and particle astrophysics |
| PE2_8 | Gas and plasma physics |
| PE2_9 | Electromagnetism |
| PE2_10 | Atomic, molecular physics |
| PE2_11 | Ultra-cold atoms and molecules |
| PE2_12 | Optics, non-linear optics and nano-optics |
| PE2_13 | Quantum optics and quantum information |
| PE2_14 | Lasers, ultra-short lasers and laser physics |
| PE2_15 | Thermodynamics |
| PE2_16 | Non-linear physics |
| PE2_17 | Metrology and measurement |
| PE2_18 | Equilibrium and non-equilibrium statistical mechanics: steady states and dynamics |

2.3 RESEARCH AREA: PE3

Condensed matter physics: structure, electronic properties, fluids, nanoscience, biological physics

KEY WORDS:

| Numer | Słowa klucz |
|--------|--|
| PE3_1 | Structure of solids, material growth and characterisation |
| PE3_2 | Mechanical and acoustical properties of condensed matter, lattice dynamics |
| PE3_3 | Transport properties of condensed matter |
| PE3_4 | Electronic properties of materials, surfaces, interfaces, nanostructures |
| PE3_5 | Physical properties of semiconductors and insulators |
| PE3_6 | Macroscopic quantum phenomena, e.g. superconductivity, superfluidity, quantum Hall effect |
| PE3_7 | Spintronics |
| PE3_8 | Magnetism and strongly correlated systems |
| PE3_9 | Condensed matter – beam interactions (photons, electrons, etc.) |
| PE3_10 | Nanophysics, e.g. nanoelectronics, nanophotonics, nanomagnetism, nanoelectromechanics |
| PE3_11 | Mesoscopic quantum physics and solid-state quantum technologies |
| PE3_12 | Molecular electronics |
| PE3_13 | Structure and dynamics of disordered systems, e.g. soft matter (gels, colloids, liquid crystals), granular matter, liquids, glasses, defects |
| PE3_14 | Fluid dynamics (physics) |
| PE3_15 | Statistical physics: phase transitions, condensed matter systems, models of complex systems, interdisciplinary applications |
| PE3_16 | Physics of biological systems |

2.4 RESEARCH AREA: PE4

Physical and analytical chemistry: analytical chemistry, theoretical chemistry, physical chemistry (chemical physics)

KEY WORDS:

| Numer | Słowa klucz |
|--------|--|
| PE4_1 | Physical chemistry |
| PE4_2 | Spectroscopic and spectrometric techniques |
| PE4_3 | Molecular architecture and Structure |
| PE4_4 | Surface science and nanostructures |
| PE4_5 | Analytical chemistry |
| PE4_6 | Chemical physics |
| PE4_7 | Chemical instrumentation |
| PE4_8 | Electrochemistry ,electrodialysis, microfluidics, sensors |
| PE4_9 | Method development in chemistry |
| PE4_10 | Heterogeneous catalysis |
| PE4_11 | Physical chemistry of biological systems |
| PE4_12 | Chemical reactions: mechanisms, dynamics, kinetics and catalytic reactions |
| PE4_13 | Theoretical and computational chemistry |
| PE4_14 | Radiation and Nuclear chemistry |
| PE4_15 | Photochemistry |
| PE4_16 | Corrosion |
| PE4_17 | Characterization methods of materials |
| PE4_18 | Environment chemistry |

2.5 RESEARCH AREA: PE5

Chemistry and synthetic materials: new materials and their preparation, structure-property relationships, solid state chemistry, molecular architecture, organic chemistry

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| PE5_1 | Structural properties of materials |
| PE5_2 | Solid state materials chemistry |
| PE5_3 | Surface modification |
| PE5_4 | Ionic liquids |
| PE5_5 | New materials: oxides, alloys, composite, organic-inorganic hybrid, nanoparticles |
| PE5_6 | Biomaterials synthesis |
| PE5_7 | Intelligent materials synthesis – self assembled materials |
| PE5_8 | Coordination chemistry |
| PE5_9 | Colloid chemistry |
| PE5_10 | Biological chemistry and chemical biology |
| PE5_11 | Chemistry of condensed matter |
| PE5_12 | Homogeneous catalysis |
| PE5_13 | Macromolecular chemistry |
| PE5_14 | Polymer chemistry |
| PE5_15 | Photochemistry |
| PE5_16 | Supramolecular chemistry |
| PE5_17 | Organic chemistry |
| PE5_18 | Medicinal chemistry |

2.6 RESEARCH AREA: PE6

Computer science and information technology: computer science, information technology and systems, scientific computing, smart systems

KEY WORDS:

| Numer | Słowa klucz |
|--------|--|
| PE6_1 | Computer architecture, embedded systems, operating systems |
| PE6_2 | Distributed systems, parallel computing, sensor networks, cyber-physical systems |
| PE6_3 | Software engineering, programming languages and systems |
| PE6_4 | Theoretical computer science, formal methods, automata |
| PE6_5 | Security, privacy, cryptology, quantum cryptography |
| PE6_6 | Algorithms and complexity, distributed, parallel and network algorithms, algorithmic game theory |
| PE6_7 | Artificial intelligence, intelligent systems, natural language processing |
| PE6_8 | Computer graphics, computer vision, multimedia, computer games |
| PE6_9 | Human computer interaction and interface, visualisation |
| PE6_10 | Web and information systems, data management systems, information retrieval and digital libraries, data fusion |
| PE6_11 | Machine learning, statistical data processing and applications using signal processing (e.g. speech, image, video) |
| PE6_12 | Scientific computing, simulation and modelling tools |
| PE6_13 | Bioinformatics, bio-inspired computing, and natural computing |
| PE6_14 | Quantum computing (formal methods, algorithms and other computer science aspects) |

2.7 RESEARCH AREA: PE7

Systems and telecommunications engineering: electrical, electronic, communications, optical and systems engineering

KEY WORDS:

| Numer | Słowa klucz |
|--------|--|
| PE7_1 | Control engineering |
| PE7_2 | Electrical engineering: power components and/or systems |
| PE7_3 | Simulation engineering and modelling |
| PE7_4 | (Micro- and nano-) systems engineering |
| PE7_5 | (Micro- and nano-) electronic, optoelectronic and photonic components |
| PE7_6 | Communication systems, wireless technology, high-frequency technology |
| PE7_7 | Signal processing |
| PE7_8 | Networks, e.g. communication networks and nodes, Internet of Things, sensor networks, networks of robots |
| PE7_9 | Man-machine interfaces |
| PE7_10 | Robotics |
| PE7_11 | Components and systems for applications (in e.g. medicine, biology, environment) |
| PE7_12 | Electrical energy production, distribution, applications |

2.8 RESEARCH AREA: PE8

Process and production engineering: product and process design, chemical, civil, environmental, mechanical, automotive engineering, energy processes and relevant computational methods

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| PE8_1 | Aerospace engineering |
| PE8_2 | Chemical engineering, technical chemistry |
| PE8_3 | Civil engineering, architecture, offshore construction, lightweight construction, geotechnics |
| PE8_4 | Computational engineering |
| PE8_5 | Fluid mechanics |
| PE8_6 | Energy processes engineering |
| PE8_7 | Mechanical engineering |
| PE8_8 | Propulsion engineering, e.g. hydraulic, turbo, piston, hybrid engines |
| PE8_9 | Production technology, process engineering |
| PE8_10 | Manufacturing engineering and industrial design |
| PE8_11 | Environmental engineering, e.g. sustainable design, waste and water treatment, recycling, regeneration or recovery of compounds, carbon capture & storage |
| PE8_12 | Naval/marine engineering |
| PE8_13 | Industrial bioengineering |
| PE8_14 | Automotive and rail engineering; multi-/inter-modal transport engineering |

2.9 RESEARCH AREA: PE9

Astronomy and space research: astrophysics, astrochemistry, astrobiology, Solar System, planetary systems, stellar, galactic and extragalactic astronomy, space research, instruments

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| PE9_1 | Solar physics – the Sun and the heliosphere |
| PE9_2 | Solar system science |
| PE9_3 | Exoplanetary science, formation and characterization of extrasolar planets |
| PE9_4 | Astrobiology |
| PE9_5 | Interstellar medium and star formation |
| PE9_6 | Stars – stellar physics, stellar systems |
| PE9_7 | The Milky Way |
| PE9_8 | Galaxies – formation, evolution, clusters |
| PE9_9 | Cosmology and large-scale structure, dark matter, dark energy |
| PE9_10 | Relativistic astrophysics and compact objects |
| PE9_11 | Gravitational wave astronomy |
| PE9_12 | High-energy and particle astronomy |
| PE9_13 | Astronomical instrumentation and data, e.g. telescopes, detectors, techniques, archives, analyses |

2.10 RESEARCH AREA: PE10

Earth sciences: physical geography, geological sciences, geophysics, atmospheric and climate sciences, oceanography, cryology, ecology, global environmental change, biogeochemical cycles, natural resource management

KEY WORDS:

| Numer | Słowa klucz |
|---------|--|
| PE10_1 | Atmospheric chemistry, atmospheric composition, air pollution |
| PE10_2 | Meteorology, atmospheric physics and dynamics |
| PE10_3 | Climatology and climate change |
| PE10_4 | Terrestrial ecology, land cover change |
| PE10_5 | Geology, tectonics, volcanology |
| PE10_6 | Palaeoclimatology, paleoecology |
| PE10_7 | Physics of earth's interior, seismology, geodynamics |
| PE10_8 | Oceanography (physical, chemical, biological, geological) |
| PE10_9 | Biogeochemistry, biogeochemical cycles, environmental chemistry |
| PE10_10 | Mineralogy, petrology, igneous petrology, metamorphic petrology |
| PE10_11 | Geochemistry, cosmochemistry, crystal chemistry, isotope geochemistry, thermodynamics |
| PE10_12 | Sedimentology, soil science, palaeontology, earth evolution |
| PE10_13 | Physical geography, geomorphology |
| PE10_14 | Earth observations from space/remote sensing |
| PE10_15 | Geomagnetism, paleomagnetism |
| PE10_16 | Ozone, upper atmosphere, ionosphere |
| PE10_17 | Hydrology, hydrogeology, engineering and environmental geology, water and soil pollution |
| PE10_18 | Cryosphere, dynamics of snow and ice cover, sea ice, permafrosts and ice sheets |
| PE10_19 | Planetary geology and geophysics |
| PE10_20 | Geohazards |
| PE10_21 | Earth system modelling and interactions |

2.11 RESEARCH AREA: PE11

Material engineering: development of advanced materials: performance improvement, modelling, large-scale processes, modification, adjustment, optimisation, innovative use of existing materials e.g. composites

KEY WORDS:

| Numer | Słowa klucz |
|---------|--|
| PE11_1 | Engineering of biomaterials, biomimetic, bioinspired and bio-enabled materials |
| PE11_2 | Engineering of metals and alloys |
| PE11_3 | Engineering of ceramics and glasses |
| PE11_4 | Engineering of polymers and plastics |
| PE11_5 | Engineering of composites and hybrid materials |
| PE11_6 | Engineering of carbon materials |
| PE11_7 | Engineering of metal oxides |
| PE11_8 | Engineering of alternative established or emergent materials |
| PE11_9 | Nanomaterials engineering, e.g. nanoparticles, nanoporous materials, 1D & 2D nanomaterials |
| PE11_10 | Soft materials engineering, e.g. gels, foams, colloids |
| PE11_11 | Porous materials engineering, e.g. covalent-organic, metal-organic, porous aromatic frameworks |
| PE11_12 | Semi-conducting and magnetic materials engineering |
| PE11_13 | Metamaterials engineering |
| PE11_14 | Computational methods for materials engineering |

3. PANEL 3: Life Sciences (LS)

3.1 RESEARCH AREA: LS1

Basic life processes at the cellular level: biological mechanisms, structures and functions: molecular biology, biochemistry, structural biology, molecular biophysics, synthetic and chemical biology, drug design, innovative methods and modelling

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| LS1_1 | Macromolecular complexes including interactions involving nucleic acids, proteins, lipids and carbohydrates |
| LS1_2 | Biochemistry |
| LS1_3 | DNA and RNA biology |
| LS1_4 | Protein biology |
| LS1_5 | Lipid biology |
| LS1_6 | Glycobiology |
| LS1_7 | Molecular biophysics, biomechanics, bioenergetics |
| LS1_8 | Structural biology |
| LS1_9 | Molecular mechanisms of signalling processes |
| LS1_10 | Synthetic biology |
| LS1_11 | Chemical biology |
| LS1_12 | Protein design |
| LS1_13 | Early translational research and drug design |
| LS1_14 | Innovative methods and modelling in molecular, structural and synthetic biology |

3.2 RESEARCH AREA: LS2

Integrative biology: from genes and genomes to systems: genetics, epigenetics, genomics and other omics research, bioinformatics, systems biology, genetic diseases, gene editing, innovative methods and modelling, omics for personalised medicine

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| LS2_1 | Genetics |
| LS2_2 | Gene editing |
| LS2_3 | Epigenetics |
| LS2_4 | Gene regulation |
| LS2_5 | Genomics |
| LS2_6 | Metagenomics |
| LS2_7 | Transcriptomics |
| LS2_8 | Proteomics |
| LS2_9 | Metabolomics |
| LS2_10 | Glycomics/Lipidomics |
| LS2_11 | Bioinformatics and computational biology |
| LS2_12 | Biostatistics |
| LS2_13 | Systems biology |
| LS2_14 | Genetic diseases |
| LS2_15 | Integrative biology for personalised medicine |
| LS2_16 | Innovative methods and modelling in integrative biology |

3.3 RESEARCH AREA: LS3

Biology at the cell level: cellular, developmental and regenerative biology: structure and function of the cell, cell-cell communication, embryogenesis, tissue differentiation, organogenesis, growth, development, evolution of development, organoids, stem cells, regeneration, therapeutic approaches

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| LS3_1 | Cell cycle, cell division and growth |
| LS3_2 | Cell senescence, cell death, autophagy, cell ageing |
| LS3_3 | Cell behaviour, including control of cell shape, cell migration |
| LS3_4 | Cell junctions, cell adhesion, the extracellular matrix, cell communication |
| LS3_5 | Cell signalling and signal transduction, exosome biology |
| LS3_6 | Organelle biology and trafficking |
| LS3_7 | Mechanobiology of cells, tissues and organs |
| LS3_8 | Embryogenesis, pattern formation, morphogenesis |
| LS3_9 | Cell differentiation, formation of tissues and organs |
| LS3_10 | Developmental genetics |
| LS3_11 | Evolution of developmental strategies |
| LS3_12 | Organoids |
| LS3_13 | Stem cells |
| LS3_14 | Regeneration |
| LS3_15 | Development of cell-based therapeutic approaches for tissue regeneration |
| LS3_16 | Functional imaging of cells and tissues |
| LS3_17 | Theoretical modelling in cellular, developmental and regenerative biology |

3.4 RESEARCH AREA: LS4

Biology at the tissue, organ and organism level: human physiology in health, disease and ageing processes: organ and tissue physiology, comparative physiology, physiology of ageing, pathophysiology, communication between organs and tissues, endocrinology, nutrition, metabolism, interaction with the microbiome, non-communicable diseases including cancer (except diseases of the nervous system and those related to the immune system)

KEY WORDS:

| Numer | Słowa klucz |
|--------|--|
| LS4_1 | Organ and tissue physiology and pathophysiology |
| LS4_2 | Comparative physiology |
| LS4_3 | Physiology of ageing |
| LS4_4 | Endocrinology |
| LS4_5 | Non-hormonal mechanisms of inter-organ and tissue communication |
| LS4_6 | Microbiome and host physiology |
| LS4_7 | Nutrition and exercise physiology |
| LS4_8 | Impact of stress (including environmental stress) on physiology |
| LS4_9 | Metabolism and metabolic disorders, including diabetes and obesity |
| LS4_10 | The cardiovascular system and cardiovascular diseases |
| LS4_11 | Haematopoiesis and blood diseases |
| LS4_12 | Cancer |
| LS4_13 | Other non-communicable diseases (except disorders of the nervous system and immunity-related diseases) |

3.5 RESEARCH AREA: LS5

Neurology and nervous system diseases: development of the nervous system, homeostasis and ageing, function and dysfunction of the nervous system, neuroscience and systems modelling, biological basis of cognitive processes and behaviour, neurological and psychiatric disorders

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| LS5_1 | Neuronal cells |
| LS5_2 | Glial cells and neuronal-glia communication |
| LS5_3 | Neural development and related disorders |
| LS5_4 | Neural stem cells |
| LS5_5 | Neural networks and plasticity |
| LS5_6 | Neurovascular biology and blood-brain barrier |
| LS5_7 | Sensory systems, sensation and perception, including pain |
| LS5_8 | Neural basis of behaviour |
| LS5_9 | Neural basis of cognition |
| LS5_10 | Ageing of the nervous system |
| LS5_11 | Neurological and neurodegenerative disorders |
| LS5_12 | Mental disorders |
| LS5_13 | Nervous system injuries and trauma, stroke |
| LS5_14 | Repair and regeneration of the nervous system |
| LS5_15 | Neuroimmunology, neuroinflammation |
| LS5_16 | Systems and computational neuroscience |
| LS5_17 | Imaging in neuroscience |
| LS5_18 | Innovative methods and tools for neuroscience |

3.6 RESEARCH AREA: LS6

Immunology, infections and immunotherapy: immune system, related diseases and their mechanisms, biology of infectious agents and infections, biological basis for prevention and treatment of infectious diseases, innovative immunological tools and approaches, including therapies

KEY WORDS:

| Numer | Słowa klucz |
|--------|--|
| LS6_1 | Innate immunity |
| LS6_2 | Adaptive immunity |
| LS6_3 | Regulation of the immune response |
| LS6_4 | Immune-related diseases |
| LS6_5 | Biology of pathogens (e.g. bacteria, viruses, parasites, fungi) |
| LS6_6 | Infectious diseases |
| LS6_7 | Mechanisms of infection |
| LS6_8 | Biological basis of prevention and treatment of infection |
| LS6_9 | Antimicrobials, antimicrobial resistance |
| LS6_10 | Vaccine development |
| LS6_11 | Innovative immunological tools and approaches, including therapies |

3.7 RESEARCH AREA: LS7

Prevention, diagnosis and treatment of human diseases: medical technologies and tools for prevention, diagnosis and treatment of human diseases, therapeutic approaches and interventions, pharmacology, preventive medicine, epidemiology and public health, digital medicine

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| LS7_1 | Medical imaging for prevention, diagnosis and monitoring of diseases |
| LS7_2 | Medical technologies and tools (including genetic tools and biomarkers) for prevention, diagnosis, monitoring and treatment of diseases |
| LS7_3 | Nanomedicine |
| LS7_4 | Regenerative medicine |
| LS7_5 | Applied gene, cell and immune therapies |
| LS7_6 | Other medical therapeutic interventions, including transplantation |
| LS7_7 | Pharmacology and toxicology |
| LS7_8 | Effectiveness of interventions, including resistance to therapies |
| LS7_9 | Public health and epidemiology |
| LS7_10 | Preventative and prognostic medicine |
| LS7_11 | Environmental health, occupational medicine |
| LS7_12 | Health care, including care for the ageing population |
| LS7_13 | Palliative medicine |
| LS7_14 | Digital medicine, e-medicine, medical applications of artificial intelligence |
| LS7_15 | Medical ethics |

3.8 RESEARCH AREA: LS8

Environmental biology, ecology and evolution: ecology, biodiversity, environmental change, evolutionary biology, behavioural ecology, microbial ecology, marine biology, ecophysiology, theoretical development and modelling

KEY WORDS:

| Numer | Słowa klucz |
|--------|---|
| LS8_1 | Ecosystem and community ecology, macroecology |
| LS8_2 | Biodiversity |
| LS8_3 | Conservation biology |
| LS8_4 | Population biology, population dynamics, population genetics |
| LS8_5 | Biological aspects of environmental change, including climate change |
| LS8_6 | Evolutionary ecology |
| LS8_7 | Evolutionary genetics |
| LS8_8 | Phylogenetics, systematics, comparative biology |
| LS8_9 | Macroevolution and paleobiology |
| LS8_10 | Ecology and evolution of species interactions |
| LS8_11 | Behavioural ecology and evolution |
| LS8_12 | Microbial ecology and evolution |
| LS8_13 | Marine biology and ecology |
| LS8_14 | Ecophysiology, from organisms to ecosystems |
| LS8_15 | Theoretical developments and modelling in environmental biology, ecology, and evolution |

3.9 RESEARCH AREA: LS9

Biotechnology and biosystems engineering: biotechnology with the use of all organisms, biotechnology for environmental and food applications, applied plant and animal sciences, bioengineering and synthetic biology, biomass and biofuels, biological hazards

KEY WORDS:

| Numer | Słowa klucz |
|--------|--|
| LS9_1 | Bioengineering for synthetic and chemical biology |
| LS9_2 | Applied genetics, gene editing and transgenic organisms |
| LS9_3 | Bioengineering of cells, tissues, organs and organisms |
| LS9_4 | Microbial biotechnology and bioengineering |
| LS9_5 | Food biotechnology and bioengineering |
| LS9_6 | Marine biotechnology and bioengineering |
| LS9_7 | Environmental biotechnology and bioengineering |
| LS9_8 | Applied plant sciences, plant breeding, agroecology and soil biology |
| LS9_9 | Plant pathology and pest resistance |
| LS9_10 | Veterinary and applied animal sciences |
| LS9_11 | Biomass production and utilisation, biofuels |
| LS9_12 | Ecotoxicology, biohazards and biosafety |

Criteria for formal and merit-based evaluation

Appendix No. 3 to the Terms and Conditions of the
PASIFIC Call 1



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Maria Skłodowska-Curie grant agreement No 847639.

Maria Skłodowska-Curie Actions

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1. Formal evaluation criteria

The formal evaluation of the project is based on the following criteria:

1.1 Applicant's eligibility:

Checking whether the Applicant:

- 1.1.1 on the closing date of the Call (30 June 2021), holds a doctoral degree within the meaning of the legislation of the country in which the degree was awarded or had at least 4-year of full-time equivalent research experience after having obtained a degree entitling to embark on a doctoral programme;
- 1.1.2 has not been living, working, or studying in Poland for more than 12 months out of the three years prior to the opening date of the Call. Work in Poland is understood as employment in an entity with its registered seat in the territory of the Republic of Poland, under an employment contract, including remote work outside of the Republic of Poland.

1.3 Proposal's eligibility:

Checking whether the Proposal is:

- 1.2.1** complete, i.e., includes the administrative part filled in in the SEA system and the obligatory attachments in the indicated format (pdf), which open correctly and allow for the correct reading of the information, including:
- Description of the project
 - CV and description of the scientific achievements of both the Applicant and the Supervisor
 - Letter of support of the Host Institute
 - Letter of support of the Institute supporting the Host Institute, if indicated in the Proposal
 - Scan of the diploma or a scan of the diploma entitling to embark on the doctoral studies along with documents confirming the 4-year of full-time equivalent research experience after having obtained a degree entitling to embark on a doctoral programme
 - Ethics self-assessment (if the answer to at least one question in the section "Ethical Issues Table" is positive)
- 1.2.2** written in English
- 1.2.3** submitted through the SEA system available at the PASIFIC website before the closing date of the Call, i.e., 30 June 2021 at 11:59 PM.
- 1.

1.2 Research Area eligibility :

Checking if the activities described in the Proposal include research carried out in any scientific field

1.4 Research supervisor's eligibility :

Checking whether in the application is indicated a Supervisor who

1.1.1 holds at least a doctoral degree,

1.1.2 is employed under a permanent employment contract at one of the Institutes.

2. Merit-based evaluation criteria

Merit-based evaluation criteria with the maximum score one may obtain in each criterion are presented in the table below.

| A. Excellence | | Up to 50 points |
|---------------|--|-----------------|
| 1. | <p>1. Excellence of the research project</p> <p>The PASIFIC programme aims to promote innovative and bold research ideas, so the <u>excellence of the research project is a key evaluation criterion</u>. This approach will allow researchers with interesting and potentially ground-breaking projects to compete with those who may have more scientific experience or publication records. This is particularly important for young researchers who are starting their scientific careers. Criteria for assessing project excellence:</p> <ul style="list-style-type: none"> (a) Thorough knowledge of the state of the science; (b) A clearly defined, engaging, and topical research problem; (c) State-of-the-art or innovative methodology; (d) New approaches/methods of research in the field; (e) Research at the interface of disciplines/interdisciplinarity. | Up to 30 points |
| 2. | <p>2. Excellence of the researcher</p> <p>The researchers' CV and scientific achievements from the last 5 years will be assessed according to the stage of their career and, where appropriate, considering career breaks.</p> <p>Applicants must demonstrate that they have the appropriate skills and experience to meet the project objectives and deliver the planned results:</p> <ul style="list-style-type: none"> (a) Outstanding scientific and research achievements; | Up to 20 points |

| | | |
|-------------------------|---|-------------------------------|
| | <p>(b) Outstanding record of dissemination of research results appropriate to the research field (e.g., articles in leading journals, peer-reviewed monographs, patents, presentations at international conferences);</p> <p>(c) Experience in conducting research projects;</p> <p>(d) where appropriate, the candidate's valuable and relevant experience in the non-academic sector (e.g., industrial innovation, public services).</p> | |
| <p>B. Impact</p> | | <p>Up to 35 points</p> |
| <p>1.</p> | <p>1. Impact on the research area</p> <p>Focusing on the excellence of research projects, PASIFIC Fellowships aim to fund and support ideas that can have a major impact on a specific research discipline. Together with the criterion of excellence of the scientific project, this gives almost half (45%) of the total score. The following criteria will be taken into account:</p> <p>(a) How is the project likely to change the respective discipline?</p> <p>(b) How will the proposed research contribute to shaping new research areas/methodologies/approaches?</p> <p>(c) Is the project idea potentially ground-breaking for its specific, narrow field of study?</p> <p>(d) Are the results applicable or relevant to other fields of research?</p> <p>e) Does interdisciplinarity, if it occurs in the project, add value to the field?</p> | <p>Up to 15 points</p> |
| <p>2.</p> | <p>2. Career impact (considering the candidate's current career stage)</p> <p>The fellowships are intended to support the career development of scientists, enabling them to pursue their research dreams in the vibrant intellectual community of the network of institutes supervised by the President of PAS. At the same time, they are supposed to provide them with a range of skills – both scientific and more universal. The following criteria will be considered:</p> <p>(a) What new research skills, techniques and abilities will the candidate acquire or develop during the fellowship?</p> <p>(b) What transferable skills will the candidate have a chance/be able to acquire?</p> <p>(c) Does the Host Institute and the Supervisor have adequate scientific knowledge or skills to impart to the fellow?</p> <p>(d) Is the career goal set by the candidate both ambitious and feasible?</p> <p>(e) Is the successful implementation of the research plan and the projected results sufficient to achieve the candidate's career goal?</p> | <p>Up to 10 points</p> |
| <p>3.</p> | <p>3. Impact on the host institute</p> <p>The PASIFIC project also provides benefits for the network of institutes supervised by the President of PAS by enabling knowledge transfer and the creation of new research connections. One of the objectives is to develop these connections not only during, but also after the fellowship, which would allow contacts and collaborations to be maintained.</p> <p>(a) Does the Applicant bring the specialist knowledge, skills, and abilities to the research environment of the host institution?</p> | <p>Up to 10 points</p> |

- (b) Does the Applicant's project fit into the research strategy of the host institute?
- (c) Does the project offer mechanisms to ensure the sustainability of long-term scientific cooperation (e.g., a future joint application for research grants)?
- (d) Does the project provide opportunities to promote national, international, and cross-industry cooperation?

| C. Feasibility | | Up to 15 points |
|-----------------------|---|------------------------|
| 1. | <p>PASIFIC encourages ambitious and bold projects but also pays attention to their feasibility.</p> <ul style="list-style-type: none"> (a) Is the scope of the project realisable, considering the timeframes of the project? (b) Are the resources sufficient to implement and perform the project? | Up to 10 points |
| 2. | <p>PASIFIC highlights the role of the research supervisor, especially in the career development of young researchers. As such, the Supervisor's CV and scientific experience will also be considered when assessing proposals.</p> <ul style="list-style-type: none"> (a) Has the Supervisor been adequately selected by the Applicants, especially in the context of their research interests and experience? (b) Does the Supervisor have an internationally recognised research profile? (c) Does the Supervisor have experience in supporting the scientific development of young researchers? | Up to 5 points |

Eligible costs in the PASIFIC Call 1

Appendix No. 4 to the Terms and Conditions of the
PASIFIC Call 1



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 847639.

Marie Skłodowska-Curie Actions

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1. Eligible cost

1.1 An eligible cost is a cost or expense eligible for funding from PASIFIC Call 1.

1.2 For costs or expenses to be considered eligible they must meet the following conditions, i.e., they must be:

- 1.2.1 actually incurred by the Host Institute
- 1.2.2 incurred during the Fellowship

Costs recording and settlement of all liabilities arisen during the Fellowship is possible until the date of submission of the Fellow's final report, but no longer than within 60 days after the completion of the Fellowship, in the event that it is necessary to pay adjustments to the allowance paid during the Fellowship resulting from the need to apply the exchange rate set out in Section 8.3(b) of the Terms and Conditions of the PASIFIC Call 1, at the latest one month after the end of the last period of calculation of the average exchange rate set out in Section 8.3(b) of the Terms and Conditions;

- 1.2.3 included in the estimated budget specified in the agreement between the PAS and the Host Institute;
- 1.2.4 identifiable and verifiable, accurately documented and properly recorded in the accounts in accordance with the Host Institute's common practice;
- 1.2.5 compliant with the regulations in force, including the Terms and Conditions of the PASIFIC Call 1 and the agreement signed between the PAS and the Host Institute, with the Host Institute's internal rules and common practice;
- 1.2.6 incurred in a purposeful and reasonable manner, following the principle of cost-effectiveness, i.e., obtaining the best effects from given resources;
- 1.2.7 necessary to conduct the Fellowship and the related tasks described in the agreement between the PAS and the Host Institute.

1.3 Eligible costs incurred by the Host Institute are divided into indirect and direct costs.

2. Non-Eligible cost

2.1 Non-eligible costs are costs or expenditures which do not meet the eligibility conditions set out in Article 1 of this Appendix to the Terms and Conditions of the PASIFIC Call 1.

2.2 Non-eligible costs include, but are not limited to:

- 2.2.1 costs related to the rate of return on capital;
- 2.2.2 liabilities and their management costs;
- 2.2.3 provisions for future losses or liabilities;
- 2.2.4 interest due
- 2.2.5 doubtful liabilities;
- 2.2.6 losses resulting from exchange rate differences;
- 2.2.7 excessive or unjustified expenditure;
- 2.2.8 costs incurred during the suspension of the Fellowship;
- 2.2.9 deductible VAT, i.e., VAT that is recoverable under national legislation. VAT which cannot be recovered by the beneficiary according to national legislation is an eligible cost.

- 2.3 In order to avoid double funding, costs declared under other projects funded from other sources, including Horizon 2020, Horizon Europe or Structural Funds projects, are also non-eligible.
- 2.4 The assessment of the eligibility of the costs is carried out during the proposal assessment, the evaluation of the annual report, the final report and the external control and audit.

3. Indirect costs

- 3.1 Indirect costs – are costs indirectly related to the Fellowship and necessary for the proper implementation of the funding agreement.
- 3.2 Indirect costs are accounted for by a flat rate and are treated as incurred. The amount of indirect costs is 20% of direct costs.
- 3.3 For the purpose of calculating indirect costs, the costs of applicant's allowance and family allowance referred to in Section 5.1(a) and (b) are converted into Polish currency according to the euro exchange rate announced by the National Bank of Poland in the Average Exchange Rate Table No. 088/A/NBP/2019 of 8 May 2019, the euro purchase rate for foreign currencies announced by Bank Gospodarstwa Krajowego S.A. in the first Exchange Rate Table No. 78 of 1 March 2020, i.e., EUR 1 = 4.2914
- 3.4 The Host Institute will enable the Fellow to co-determine how 1/5 of the indirect costs will be spent.
- 3.5 Indirect costs include:
- 3.5.1 remuneration costs of the administration and finance personnel (e.g., HR, legal and accounting services of the project, including costs of contracting accounting services to the accounting office, support and organisation of the Fellow's business trips);
 - 3.5.2 refurbishment and renovation costs,;
 - 3.5.3 costs of adapting premises to the extent necessary to carry out research tasks,
 - 3.5.4 costs of space utilisation, property taxes, etc.;
 - 3.5.5 utility charges (electricity, heating, gas and water and other industrial charges, transmission charges, sewerage, etc.;
 - 3.5.6 telecommunications services (telephone, Internet) and postal and courier services, except for those referred to in Section 13.2 other direct costs;
 - 3.5.7 costs of property cleaning services;
 - 3.5.8 costs of building security services;
 - 3.5.9 costs of property insurance;
 - 3.5.10 handling and administrative charges;
 - 3.5.11 banking costs, including: costs of opening and holding a separate sub-account for the purposes of the project in a bank account or a separate bank account, bank charges;
 - 3.5.12 costs of subscriptions (excluding data and access cost as indicated in Section 13.3);
 - 3.5.13 contributions due from individuals for membership in organisations, associations, etc.;
 - 3.5.14 costs of the procedures associated with awarding an academic degree/title;
 - 3.5.15 office supplies, stationery;
 - 3.5.16 other indirect costs not listed above.

4. Direct costs

4.1 Direct costs are costs directly related to the conduct of the Fellowship.

4.2 Direct costs include:

- 4.2.1 Fellow's allowances,
- 4.2.2 costs of research, including the expenditure described in Section 8.2.,

5. Fellow's allowances

5.1 The Host Institute may bear:

- a) costs of the Fellow's employment under a full-time employment contract for a period of 24 months in the amount of EUR 99,000.
- b) Family allowance cost of €7,200 for the Fellow who, on the closing date of the Call, have family commitments, i.e., are married or in a relationship equivalent to marriage according to the law of the country where the relationship has been formalised, have dependent children.

Entitlement to the family allowance is determined at the closing date of the Call and is not verified between the closing date and the end of the Fellowship. The allowance is due if the spouse(s)/partner(s) and/or child(ren) change their place of residence and come to Poland with the Fellow for a period of at least 3 months during the Fellowship.

5.2 The amounts in the currency (euro) set out in Section 5.1 (a) and (b) are converted into Polish currency at the higher of the rates indicated in Section 5.2 (a) and (b):

- a) euro exchange rate announced by the National Bank of Poland in the Average Exchange Rate Table No. 088/A/NBP/2019 of 8 May 2019
- b) average euro exchange rate (in foreign currency) announced by the European Central Bank

https://www.ecb.europa.eu/stats/policy_and_exchange_rates/euro_reference_exchange_rates/html/eurofxref-graph-pln.en.html

- ◆ in the period from 1 March 2020 to 28 February 2022 for the period from 1 March 2020 to 28 February 2022
- ◆ in the period from 1 March 2022 to 31 August 2023 the period from 1 March 2022 to 31 August 2023
- ◆ in the period from 1 September 2023 to 28 February 2025 for the period from 1 September 2023 to 28 February 2025

5.3 Of the amounts indicated in Section 5.1 regarding allowances and other benefits, the Host Institute bears the costs of social and health insurance contributions and other allowance components financed by the Host Institute. Furthermore, the funds will cover the additional end-of-year bonus (the so called "trzynastka"), if the Host Institute is obliged to pay it.

5.4 During the period of the Fellowship, the Fellow may not receive any other remuneration in any form, including from entities other than the Host Institute.

6. Research funds

- 6.1 The Host Institute receives funds for the implementation of research by the Fellow in the amount not exceeding PLN 257,484.
- 6.2 The following types of costs may be incurred from the funds indicated in Section 6.1
 - 6.2.1 Remuneration of persons other than the Fellow who participate in the research
 - 6.2.2 Costs of purchasing research equipment, devices and software
 - 6.2.3 Costs of purchasing materials
 - 6.2.4 Travel costs
 - 6.2.5 Publication costs
 - 6.2.6 Workshop and conference costs
 - 6.2.7 Other direct costs

7. Remuneration of persons other than the fellow who participate in the research

- 7.1 Additional remuneration may be paid from the research funds to persons other than the Fellow involved in the research, as well as to participants of the research conducted by the Fellow.
- 7.2 Scholarships may not be funded from the research funds.
- 7.3 The maximum amount of funds specified in Section 7.1 may not exceed PLN 60,000, while one person may not receive more than PLN 36,000.
- 7.4 The additional remuneration referred to in Section 7.1 may be paid under a full-time or part-time employment contract or a civil-law contract.

8. Cost of purchasing research equipment, devices and software

- 8.1 This category of costs includes expenditure on the purchase or manufacture of research equipment, other devices and software necessary to carry out scientific work under the Fellowship, understood as:
 - 8.1.1 Research equipment (as defined by the Central Statistical Office) – a set(s) of testing, measurement and laboratory apparatus of limited application and high technical parameters (usually several orders of magnitude higher than typical apparatus used for production or exploitation purposes), which, in accordance with the accounting principles (policy) in force at the Host Institute, is classified as fixed assets.
 - 8.1.2 Other equipment – other equipment which does not fall within the definition of research equipment, which, in accordance with the accounting principles (policy) in force at the Host Institute, is classified as fixed assets.
 - 8.1.3 Software – software purchased for the purposes of the Fellowship which, in accordance with the accounting principles (policy) in force at the Host Institute, is classified as intangible assets.

8.2 For research equipment, devices and software which are fixed assets or intangible assets depreciable in accordance with the provisions of the Accounting Act of 29 September 1994, the eligible cost is the purchase price or cost of manufacture of fixed assets or intangible assets, within the meaning of the said Act, including all costs incurred by the Host Institute up to the date of their commissioning.

9. Costs of purchasing materials

9.1 The costs of purchasing materials include the costs of purchasing materials and non-fixed assets intended for direct consumption in the implementation of the Fellowship, including, but not limited to:

- 9.1.1 raw materials,
- 9.1.2 semi-finished products,
- 9.1.3 reagents,
- 9.1.4 small laboratory equipment,
- 9.1.5 IT/office equipment (e.g., computer, software licensing and development costs, printers, scanners, monitors, photocopiers), if not included in fixed assets in accordance with the Host Institute's accounting principles (policy)
- 9.1.6 other equipment, insofar as it is not classified as fixed assets in accordance with the Host Institute's accounting principles (policy)

10. Travel costs

10.1 Costs of the Fellow's business trips include without limitation:

- 10.1.1 costs of participation in seminars/conferences relating to the topic of the research, excluding conference fees,
- 10.1.2 costs of business trips (including short research stays) necessary for the implementation of the research, e.g., queries, field research, etc.,
- 10.1.3 costs of participation in training and other meetings organised within the PASIFIC Programme,
- 10.1.4 if the organisation where the Secondment is carried out is located outside the workplace of the Fellow:
 - 10.1.4.1 accommodation costs at the place of the Secondment,
 - 10.1.4.2 travel costs from the place of work at the Host Institute to the place of the Secondment and back.

10.2 Travel costs include:

- 10.2.1 per diems and subsistence allowance in accordance with the rules laid down in the regulations issued pursuant to Article 775 § 2 of the Polish Labour Code,
- 10.2.2 personal insurance,
- 10.2.3 other reasonable and necessary travel costs, such as visas, costs of required vaccinations, etc.

11. Publication costs

11.1 Publication costs include:

- 11.1.1 costs of publishing scientific articles or open-access research data
- 11.1.2 purchase costs of specialist services necessary for the preparation of publications (proofreading, editing, graphic design),

12. Workshop and conference costs

12.1 Workshop and conference costs include:

- 12.1.1 costs of organising conferences, workshops, seminars, meetings, including, without limitation:
 - 12.1.1.1 hire costs of meeting and conference rooms,
 - 12.1.1.2 catering,
 - 12.1.1.3 travel and subsistence expenses of invited guests
 - 12.1.1.4 costs of organising workshops and conferences, other than remuneration costs
- 12.1.2 conference fees related to the participation of the Fellow in external workshops and conferences

13. Other direct costs

13.1 Other direct costs are other costs directly related to the Fellowship not included in above mentioned cost categories, e.g.:

- 13.1.1 costs of purchasing research services (laboratory analyses, statistical studies, surveys, etc.),
- 13.1.2 costs of purchasing other professional services needed for the proper conduct of the research

13.2 postal, courier or transportation costs directly related to the performance of the specific research task,

13.3 costs of purchasing or accessing data/databases.

14. Revenues related to the fellowship

14.1 Revenues related to the Fellowship do not include:

- 14.1.1 interest resulting from the management of the bank account that the Host Institute is obliged to open in connection with the Fellowship
- 14.1.2 exchange revenue from foreign exchange operations related to the Fellowship

Letter of Support from the Host Institute

Appendix No. 5 to the Terms and Conditions of the
PASIFIC Call 1



PASIFIC
www.pasific.pan.pl



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 847839.

Marie Skłodowska-Curie Actions



LETTER OF SUPPORT FROM THE HOST INSTITUTE

.....
(name of the Institute, address of the registered seat)

Proposal ID in the SEA System and its title:

Applicant's full name:

Having reviewed the aforementioned Proposal, if it will be accepted for funding, the Host Institute declares as follows:

Article 1

The Host Institute declares to conclude a fixed-term, full-time employment contract with (Applicant's full name) for the entire duration of the Fellowship, funded within the PASIFIC Call 1.

Article 2

If the Fellowship is funded, the Host Institute commits to:

- 1) include the planned research activities carried out during the Fellowship in the action-based financial plan of the unit;
- 2) supervise the implementation of the Fellowship and monitoring if the funds are spent in a correct and justified manner;
- 3) provide the Applicants with resources necessary for the implementation of their research, including office/laboratory infrastructure and research equipment;
- 4) assign to the Applicant the Supervisor in the person of, responsible for scientific support to the project and facilitating Applicant's contacts with the local scientific community;
- 5) assign to the Applicant a Supporting Supervisor³ in the person of
- 6) assign to the Applicant a research buddy in the person of, who will familiarize the Applicant with the research environment of the Host Institute and its rules and procedures;
- 7) provide administrative and financial support during the Fellowship, including support related to the arrival and stay of the Applicant in Poland, and appoint an employee responsible for its coordination in the person of.....;
- 8) organise, during the Fellowship, a Secondment at the following organisation:⁴;
- 9) enable the Applicant to decide on the allocation of 1/5 of indirect costs of the project;

³ Applies only to interdisciplinary projects.

⁴ If such a secondment was foreseen in the Proposal.

- 10) support the Applicant in obtaining the required approvals, opinions, permits or authorisations⁵;
- 11) respect the principles laid down in the “European Charter for Researchers” and the “Code of Conduct for the Recruitment of Researchers”⁶;
- 12) apply for the “HR Excellence in Research” logo awarded by the European Commission no later than one year after concluding the Fellowship Agreement.

Article 3

Should no funding be awarded from the PASIFIC Call 1, this letter of support will not entail any obligations for the Host Institute.

Article 4

Declaration of the person indicated as the Applicant’s Supervisor is attached to this letter of support.

Letter of support signed (place, date):

.....
(authorised representative legible signature)

⁵ If research carried out as a part of the Fellowship requires formal certification that ethical standards are met during its conduct.

⁶ Commission Recommendation of 11 March 2005 on the European Charter for Researchers and on a Code of Conduct for the Recruitment of Researchers.



Appendix No. 1
to the Letter of Support
from the Host Institute

.....
(Supervisor's full name)

.....
(place, date)

.....
.....
(position and place of employment)

.....
.....
(contact details)

SUPERVISOR DECLARATION

I, the undersigned, declare that I am aware of the obligations arising from supervising the Fellowship of (Applicant's full name), and I commit to act as the Applicant's Supervisor, if the funding is awarded from the PASIFIC Call 1.

.....
(Supervisor's signature)

.....
(Supporting Supervisor's full name)

.....
(place, date)

.....
.....
(title and place of employment)

.....
.....
(contact details)

DECLARATION BY THE SUPPORTING SUPERVISOR

I, the undersigned, declare that I am aware of the obligations arising from supervising the Fellowship of (Applicant's full name), and I commit to act as the Applicant's Supporting Supervisor, if the funding is awarded from the PASIFIC Call 1.

.....
(Supervisor's signature)

Letter of Support from the Institute supporting the Host Institute

Appendix No. 6 to the Terms and Conditions of the
PASIFIC Call 1



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 847639.

Marie Skłodowska-Curie Actions



LETTER OF SUPPORT FROM THE INSTITUTE SUPPORTING THE HOST INSTITUTE

.....
(name of the Institute, address of the registered seat)

Proposal ID in the SEA System and its title:

Applicant's full name:

Having reviewed the aforementioned Proposal, if it will be accepted for funding, the Host Institute declares as follows:

Article 1

If the Fellowship is funded, the Institute supporting the Host Institute commits to:

- a. provide the Applicant with office/laboratory infrastructure and research equipment necessary to conduct the research in the scope of the Fellowship in the Research Area not covered by the Host Institute;
- b. assign to the Applicant the Supporting Supervisor in the person of
- c. support the Host Institute in the provision of administrative and financial services necessary for the research carried out during the Fellowship, covering a Research Area not covered by the Host Institute;
- d. support the Applicant and the Host Institute in obtaining the required approvals, opinions, permits, or authorisations in case the research carried out by the Applicant requires formal certification of compliance with ethical standards during its conduct.

Article 2

Should no funding be awarded from the PASIFIC Call 1, this letter of support will not entail any obligations for the Host Institute.

Article 3

Declaration of the person indicated as the Supporting Supervisor is attached to this letter of support.

Letter of support signed (place, date):

.....
(authorised representative legible signature)

Appendix
to the Letter of Support
from the Institute Supporting the Host Institute

.....
(Supporting Supervisor's full name)

.....
(place, date)

.....
.....
(title and place of employment)

.....
.....
(contact details)

DECLARATION BY THE SUPPORTING SUPERVISOR

I, the undersigned, declare that I am aware of the obligations arising from supervising the Fellowship of (Applicant's full name), and I commit to act as the Applicant's Supporting Supervisor, if the funding is awarded from the PASIFIC Call 1.

.....
(legible signature)



Research Areas requiring ethics assessment

Appendix No. 7 to the Terms and Conditions of the
PASIFIC Call 1



This project has received funding from the European Union's Horizon 2020 research and innovation programme under the Marie Skłodowska-Curie grant agreement No 847839.

Marie Skłodowska-Curie Actions

Research Areas requiring ethics assessment:

1. Research on human embryos and fetuses

Research on human embryos and fetuses (mainly human embryonic stem cells (hESCs)). The following fields of research in this Area are not eligible for funding and may not be included in Proposals: research activities aiming at human cloning for reproductive purposes; research activities intended to modify the genetic make-up of human beings which could make such changes heritable (apart from research relating to cancer treatment of the gonads, which may be financed); research activities intended to create human embryos solely for the purpose of research or for the purpose of stem cell procurement, including the technique of somatic cell nuclear transfer; research activities which result in the destruction of human embryos.

2. Research with human beings

Research with human beings regardless of the nature or subject matter of the research, i.e., research involving interviews, observation or tracking of the participants, collection of biological samples, medical interventions. Categories of research participants that require a detailed description of the research procedure or certification are, for example children or minors, patients, volunteers participating in medical research, participants on whom medical interventions are to be performed.

3. Research on human cells/tissues

Research that uses, produces or collects human cells or tissues that are obtained: from commercial sources, as a part of this research project, from another research project, laboratory or institution, from a biobank

4. Research related to the processing of personal data

Research that involves the processing of personal data, regardless of the method used. "Personal data" means information relating to an identified or identifiable natural person. "Processing of personal data" means any operation (or set of operations) performed on personal data. This includes collection, recording, organising, structuring and storage; adaptation or alteration of data; retrieval and consultation of data; use of data; disclosure by transmission, dissemination or otherwise making available, alignment or combination, restriction, erasure or destruction of personal data.

5. Research involving animals

Research involving animals, especially research involving the following groups, e.g. endangered species, genetically modified animals, non-human primates. Research involving animals includes, but is not limited to: studying emotional states, testing drugs, studying the effects of substances on animals.

6. Research involving non-EU countries (third countries)

Research carried out partly or entirely in a country outside the EU, as well as research in which participants or resources come from a country outside the EU; the material is imported from or exported to a country outside the EU. Funding may not be granted for activities carried out outside the EU if they are prohibited in all EU Member States.

7. Research that may adversely affect the environment, health and safety

This refers to research that may adversely affect the environment or the health and safety of researchers involved in the research. Negative impacts may be due to the experiments planned as part of the study or undesirable side effects of the technologies used.

8. Research involving dual-use items

Studies on items, software and technology covered by Council Regulation (EC) No. 428/2009 of 5 May 2009 setting up a Community regime for the control of exports, transfer, brokering and transit of dual-use items and other items for which an authorisation is required. Dual-use items are those normally used for civilian purposes but which may have military applications or may contribute to the proliferation of weapons of mass destruction. Dual-use products include, for instance, toxic chemicals, human pathogens and diseases carried by animals.

9. Research that could raise concerns regarding the exclusive focus on civil applications

Research carried out in collaboration with military partners or concerning the development of generic technologies, products or knowledge which may benefit both civil and military areas, provided that the research itself focuses exclusively and explicitly on civil applications. Research that could raise concerns regarding the exclusive focus on civil applications includes, for example, research involving defence industries or organisations, research in the field of defence: explosives, chemical, biological, radiological and nuclear defence, or counter-terrorism.

The PASIFIC Programme only funds research that focuses exclusively on civil applications.

10. Research that could potentially be misused

Research involving or generating materials, methods, technologies or knowledge that may be used for unethical purposes. Even if the primary aim of the research is ethical, there is a risk that it could harm people, animals or the environment.

11. Research that may give rise to other ethical issues not covered by the above points

Research that may raise new ethical issues not currently addressed in the above-mentioned areas (e.g. new developments in neuroscience, human-machine interaction, development of nanotechnologies, research on androids/cyborgs, etc.).



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Maria Skłodowska-Curie Actions