



September 2020 call

Panel/ Name of reviewer:

Name of applicant:

Title of proposed project:

## Application review form

### Academy Research Fellow 2020

Application number:

#### Application review form: Academy Research Fellow 2020

Academy Research Fellows work on research plans of high scientific quality. Academy Research Fellows have built extensive research networks and the funding allows them to develop their skills of academic leadership and to establish themselves as independent researchers. Research posts as Academy Research Fellow are filled for five years.

#### Please provide both written feedback and numerical ratings to each of the following items.

- [Blue text with bulleting refers to technical instructions for the online services \(SARA\).](#)

The numerical evaluation of the sub-items and final rating is made with a rating scale ranging from 6 (outstanding) to 1 (poor).

6 (outstanding)	Demonstrates exceptional novelty and innovation; has potential to substantially advance science at global level; is a high-gain project that may include risks
5 (excellent)	Is extremely good in international comparison – contains no significant elements to be improved
4 (very good)	Is in general sound but contains a few elements that could be improved
3 (good)	Is in general sound but contains important elements that should be improved
2 (fair)	Contains flaws; is in need of substantial modification or improvement
1 (poor)	Contains severe flaws that are intrinsic to the proposed project or the application



## 1 Quality of research described in the plan

### 1.1 Scientific quality, novelty and innovativeness of research

**Sub-rating (1–6)**

Significance of project; objectives and hypotheses; ambitiousness and state of the art of objectives (possible novel concepts and approaches or development across disciplines); scientific impact of research; potential for breakthroughs or exceptionally significant outcomes; etc.

- See item **1 Aim and objectives** in the research plan.

### 1.2 Implementation of research plan

**Sub-rating (1–6)**

Feasibility of project (bearing in mind extent to which the proposed research may include high risks); materials, research data and methods; human resources and management of research tasks; research environment including research infrastructures; identified potential scientific or methodological problem areas and mitigation plan; etc.

- See item **2 Implementation** in the research plan.

### 1.3 Responsible science

**(no numerical rating)**

Has the applicant considered the following aspects of responsible science properly? Please provide further comments if responsible science aspects have not been properly considered.

- See item **4 Responsible science** in the research plan.
- The Academy of Finland is committed to promoting research integrity, responsible conduct of research and the principles and practice of equality and non-discrimination and open science. See 'Instructions for reviewing' for further information.

#### 1.3.1 Research ethics

- Yes
- No, please comment



### 1.3.2 Promotion of equality and non-discrimination within project or in society at large

- Yes
- No, please comment

### 1.3.3 Open access of research publications

- Yes
- No, please comment

### 1.3.4 Data management and open access to data

- Yes
- No, please comment

## 2 Competence of applicant, quality of research collaboration

### 2.1 Competence and expertise of applicant

**Sub-rating (1–6)**

Personal merits and scientific expertise of applicant, including appropriateness and sufficiency for the proposed project; applicant's professional competence and independence; experience in supervising PhD candidates and/or postdoctoral researchers, experience of working in different research environments across international and/or sectoral borders; etc.

- See item **3.1 Project personnel and their relevant merits** in the research plan.
- See **CV** of the applicant in the application form.
- See attached **list of publications**.
- See **Mobility** in the application form.
- The Academy of Finland is a signatory of the DORA declaration. See 'Instructions for reviewing' for further information.

### 2.2 Research team and significance of research collaboration

**Sub-rating (1–6)**

Complementary expertise of applicant's team, if relevant (i.e. project personnel directly working/funded for the project); contribution of national and/or international research



collaboration (i.e. collaborators engaged in the project with their own funding) to the success of the project; complementary expertise and research environment of collaborators in terms of project implementation; etc.

- See item **3.1 Project personnel and their relevant merits** in the research plan.
- See item **3.2 Collaborators and their key merits in terms of the project** in the research plan.
- See attached **Letter(s) of commitment**.

### 2.3 Researcher mobility

**Sub-rating (1–6)**

Significance of planned mobility for implementation of research plan and for researcher training; quality of receiving organisation in the field of research; appropriateness of length and timing of mobility period(s); etc.

- See **Mobility** in the application form.
- See attached **Invitation letter(s) for research visit(s)**.

## 3 Overall assessment and rating

### 3.1 Main strengths and weaknesses of project, additional comments and suggestions (no numerical rating)

Please list major strengths and weaknesses of the application as well as any additional comments.

- Please give an overall assessment for the application including lists of strengths and weaknesses as well as any additional comments. It is important to comment on both the strengths and the weaknesses of the application.
- You are also encouraged to comment on the societal effects and impact, including principles of sustainable development (items 4.4 and 5 in the research plan). However, these should not affect the scientific review/rating or ranking of the application. Instead, they will be considered as an additional factor when the funding decisions are made.



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Strengths:

Weaknesses:

Comments:

**4 Overall rating**

**Rating (1–6)**

- Please note that the final rating should not be a mathematical average of the sub-ratings. For example, the application should not be penalised if it has a slight weakness in one evaluation item that is later strengthened in another item (e.g. lack of some expertise in a local team but compensated through international collaboration).

### **Ranking**

Your application was ranked [ordinal number] of all [number] [Funding instrument name] applications reviewed in this panel. Only applications with the final rating of 5 or 6 were ranked. The [Funding instrument name] applications addressed to the Research Council for [Research Council name] were reviewed in a total of [number] panels.