

WRITING A MSCA IF GRANT PROPOSAL

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ヨーロッパとの共同研究助成制度説明会 ～採択のための
「心・技・体」を理解する～（2019年8月28日）



@MSCActions

**INDIVIDUAL
FELLOWSHIPS**

**MARIE SKŁODOWSKA
CURIE ACTIONS**

**MSCA - IF
2019**





ICP^R

Institut Català de Paleontologia
Miquel Crusafont



京都大学 理学研究科・理学部

GRADUATE
SCHOOL OF
FACULTY OF **SCIENCE**
KYOTO UNIVERSITY

CAREER

- PhD 2016
- JSPS Postdoctoral Fellowship 2017-2019
- MSCA IF Fellowship 2020-2022



Proposal Evaluation Form

Associated with document Ref. Ares(2019)487621 - 28/01/2019

	<p>EUROPEAN COMMISSION</p> <p>Horizon 2020 - Research and Innovation Framework Programme</p>	<p>Evaluation Summary Report</p>
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Call: H2020-MSCA-IF-2018
Type of action: MSCA-IF-EF-ST
Proposal number: ██████████
Proposal acronym: DeMol
Duration (months): 24
Proposal title: Deconstructing the past: Modelling the locomotion of Miocene hominoids through computational techniques
Activity: ST-ENV

N.	Proposer name	Country	Total Cost	%	Grant Requested	%
1	THE UNIVERSITY OF MANCHESTER	UK	212,933.76	100.00%	212,933.76	100.00%
Total:			212,933.76		212,933.76	

Abstract:
 The challenge of better knowing the complex relationship between bone's morphology and function has yielded tens of articles since the beginning of the last century and is essential for making positional behavioural inferences on fossil taxa. Despite its relevance, the form-function relationship is still poorly understood. Based on this premise, this project focuses on deciphering the functional loading environment and its influence on skeletal design in the hindlimb of living primates and shedding light on the locomotor evolution of fossil apes and early hominins. The fossil apes included in this project constitute key taxa for understanding the positional behaviour evolution within the Hominoidea (the apes and humans clade), which has important implications for a better knowledge of the evolutionary pathway that led to the specialized locomotor types of extant apes and humans (specialized antipronograde behaviours such as below-branch suspension and human terrestrial bipedalism). To accomplish the aims, this project will rely on diverse, multidisciplinary and innovative techniques, including biomechanical and engineering approaches (e.g., multibody dynamics analysis, computer optimization, machine learning and data science), phylogenetic comparative methods, and collection of experimental data (e.g., recording of live primates kinematics). This project also involves an important component of training for the applicant and several short stays to gain a diversified and unique set of skills and knowledge on the field of paleoprimateology and evolutionary biology. Hence, this project will extend our knowledge on the bone's form-function relationship, as well as the origin, tempo and mode of the hominoids positional behaviour evolution, including key long-lasting questions related to the origins of human bipedalism.

Evaluation Summary Report

Evaluation Result

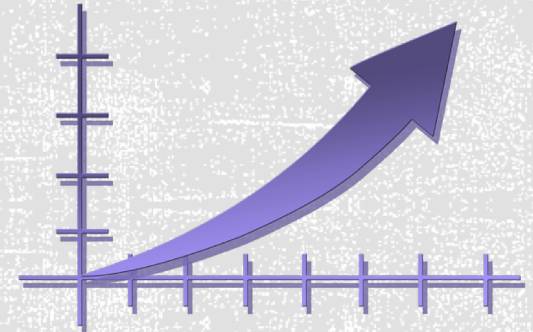
Total score: 92.40% (Threshold: 70/100.00)



*Certificate delivered by the European Commission,
 as the institution managing Horizon 2020,
 the EU Framework Programme for Research and Innovation 2014-2020*

The project proposal ██████████, DeMol

SCORES



WRITING TIME



Individual Fellowships
MSCA IF 2019

11 April 2019 - 11 September 2019

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Start as soon as possible and take
your time to write the proposal



THE PROCESS OF WRITING

Part B2

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

Proposals must respect the following minimum standards:

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

Tables are for illustrating the core text of the proposal. They cannot be used to contain the core text itself.

*The page formatting will be systematically checked by the REA. Should a proposal not comply, applicants will be asked to reformat their proposal. **This can lead to excess pages which will subsequently be disregarded.***

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

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

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



THE PROCESS OF WRITING

Part B2

Part B-2 Section 4 - CV of the experienced researcher

The CV is intrinsic to the evaluation of the whole proposal and is assessed throughout the three evaluation criteria by the expert evaluators. Ensure that the information provided in Parts A and B is fully consistent. Always mention full dates (dd/mm/yyyy) in your CV.

The CV should be limited to a maximum of 5 pages and should include **the standard academic and research record**. Any research career gaps and/or unconventional paths should be clearly explained so that this can be fairly assessed by the independent evaluators. At a minimum, the CV should contain:

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

The CV should also include information on:

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

In addition, researchers without a doctorate at the call deadline should clearly detail any period of full-time equivalent research experience in the CV (Part B, section 4). It is essential that the CV clearly explains how the research experience is calculated, following the template below.



THE PROCESS OF WRITING

Part B1

Start page count–MAX 10 PAGES–DO NOT ADD INTRODUCTORY PAGES BEFORE

1. Excellence

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

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

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

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

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

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

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

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

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



THE PROCESS OF WRITING

Part B1

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

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

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

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

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

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



THE PROCESS OF WRITING

Part B1

3. Quality and Efficiency of the Implementation

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

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

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

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

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

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

3.3 *Appropriateness of the institutional environment (infrastructure)*

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

Give a description of the main tasks and commitments of the beneficiary and all partner organisations (if applicable).

Describe the infrastructure, logistics, and facilities offered insofar as they are necessary for the good implementation of the action.



LAST TIPS

- Attend workshops, seminars, etc., related to the Marie-Curie application
- Read successful (but also unsuccessful) proposals from other applicants
- Let other people take a look to your proposal (other applicants, NCPs, past reviewers, specialized staff from the host institution,...)
- Keep in contact with the host institution and host researcher
- Follow the guidelines and the stated points for every section
- No false shame. Promote your uniqueness
- Write concise and use key words. Consistency
- Do not be pedantic
- Be innovative and look for the broad impact
- Make a clear career plan
- **Take you time to write the proposal**



GOOD LUCK



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