

UNIVERSITAT ROVIRA I VIRGILI

OBJECTIUS DE DESENVOLUPAMENT SOSTENIBLE



UNIVERSITAT
ROVIRA I VIRGILI



MARTÍ I FRANQUÈS COFUND PLUS
2.11.2021



- 1. General project information**
- 2. Project implementation**
- 3. Selection process**
- 4. Online evaluation tool**
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1. GENERAL PROJECT INFORMATION

5 years duration (2020-2025)

2 Calls (2020,2021) – 50 PhD positions

Multidisciplinary team in charge of the management

- Project Manager
- OSR
- EPD
- SRH
- UCC
- Vice-rectorates
- Heads of Departments
- Doctoral programmes coordinators
- Researchers

MSCA mobility rule + ESR rule

OTM-R: Open, Transparent and Merit-based Recruitment

HRS4R: Human Resources Strategy for Researchers. Obey the European Charter & Code in providing working conditions

External/international evaluations of the applications, without conflict of interests

Respect gender balance

Equal opportunities for researchers with disabilities
(1 position reserved / call)

Early-Stage Researchers Rule

- ▶ **Comply with the ESR eligibility criteria:** Early-stage researchers (ESR) shall at call deadline (06/09/2021) be in the first 4 years (**full-time equivalent research experience**) of their research careers and **have not been awarded a doctoral degree.**

Full-time equivalent research experience is measured from the date when a researcher obtained the degree which would formally entitle him or her to embark on a doctorate, either in the country in which the degree was obtained or in the country in which the researcher is recruited or seconded, irrespective of whether or not a doctorate is or was ever envisaged.

Age is not an exclusion criteria.

2. PROJECT IMPLEMENTATION



Selection Process timeline: 2nd Call 2021

Action	July'21	Sept'21	Oct'21	Nov'21	Dec'21	Jan'22	Feb'22	Mar'22	Mar-Apr '22
Publication 1st Call (20 PhD positions)	█	█							
Pre-eligibility check and publication of eligible candidates list + redress	█	█	█						
Remote evaluation of candidates (external to URV)				█	█				
Remote interview evaluation phase						█	█		
Publication of winners & reserve list								█	
Earliest contract start month									█

3. SELECTION PROCESS



- ▶ External evaluation (**Evaluation Committees**)
 - ▶ Automatic curriculum assignation for expert evaluations
 - ▶ Evaluation criteria:
 1. **Academic profile - 40%**
 2. **Other merits - 30%**
 - ▶ How their previous experience adapts to the requirements of the PhD Position
 3. **Motivation letter - 20%**
 4. **Reference letters - 10%**
- ▶ The final selection will be done by **external+internal Selection Committees**, through interviews of the best candidates for each position

4. ONLINE EVALUATION TOOL

- ▶ **Inform us as soon as possible if the evaluation will not be done in time**
- ▶ **Go to the following link, available on the 3rd of November:**

<https://www.sgr.urv.cat/cgi-bin/programes/application/inici.cgi?conv=2021EXPERT-&idioma=ENG>

- ▶ You will have to declare if there is a conflict of interest between you and the evaluated candidates

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Evaluator's profile

Check form

Logout

Your application has been sent to the URV.
Thank you for participating in our program and being interested in the URV

Home

Personal information

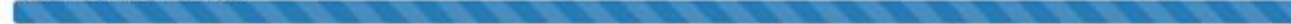
Area of expertise

Professional experience

Upload files

Evaluation

Personal information 100.00%:



Area of expertise 100.00%:



Professional experience 100.00%:



Upload files 100.00%:



Save

Submit the candidature

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Search:

Conflict of Interest

I confirm that to the best of my knowledge I do not have a conflict of interest regarding my task of evaluating the candidate, such as:

- close family ties (spouse, domestic or non-domestic partner, child, sibling, parent etc.) or other close personal relationship with the candidate
- standing to benefit in any way if the candidate is accepted or rejected
- being involved in the preparation of the MFP-COFUND calls
- being/have been an employer/director/work-related partner of the candidate
- any other situation that compromises impartiality or casts doubt, or that could reasonably appear to do so

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[Home](#)[Personal information](#)[Area of expertise](#)[Professional experience](#)[Upload files](#)[Evaluation](#)

Candidates to evaluate

Search:

Reference ↓	Last name ↑	First name ↑	Area ↑	Final score ↑	% Complete ↑	Evaluation sent ↑		
2015MFP-COFUND-46	Arteche Landi	Javier	Nanoscience, Materials and Chemical Engineering	0.00	0.00		Evaluation	Submit evaluation
2015MFP-COFUND-46	Han	Xiaocui	Nanoscience, Materials and Chemical Engineering	0.00	0.00		Evaluation	Submit evaluation

Final scores not weighted

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[Back to the candidates list](#)[Check form](#)[Logout](#)[Candidate and position information](#)[Documents](#)[How to choose a score](#)[Evaluation](#)

% Complete 0.00%:

Candidate and position information

Reference**First name****Last name****PhD program**

Project

Project title**Project description**

Insects are very efficient to transform a wide variety of organic matter into edible insect body mass and are also very nutritious with high content in proteins, fats and oils. Larval stages of holometabolous insects (those with larval, pupal and adult stages such as mealworms or flies) tend to be higher in fats and oils and lower in protein than their respective adult stages or compared with most hemimetabolous insects (such as crickets or grasshoppers). There is an increasing interest in using mealworms as human food. These worms are able to convert leftovers from the existing food and agriculture industry and microalgae that can not be digested by humans in a very efficient way. Therefore, mealworm farming is an alternative strategy for the production of fat and oil-rich food and feed with a low ecological footprint.

The objective of this thesis is to study the ability of mealworms to convert carob and almond biowaste and certain types of microalgae into insect edible weight. Moreover, the chemical composition of these worms will be studied and an extraction procedure by means of food-grade ionic liquids will be developed to effectively separate fats, oils and proteins. We have worked extensively on using carob and other biowaste to obtain food grade ingredients and also using ionic liquids to extract components from urban biowaste. This project will open new possibilities for the valorisation of food biowaste to obtain alternative sources of fats, oils and proteins for human consumption.

THE IDEAL CANDIDATE

- Hold a bachelor/master degree (or equivalent), in chemical engineering, computer science, mathematics or similar.
- Language skills: English is the working language of the international research group (<https://etseq.urv.cat/suscape/>)
- Other skills: we wish to recruit a motivated and talented fellow to undertake original research in the area of sustainable decision making in a very multidisciplinary and interdisciplinary topic.
- Knowledge of renewable energy and impact assessment methodologies is desirable, but not a requisite.
- Good programming skills are valuable (GAMS, Python, Matlab, or similar), but not a requisite.

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Evaluator's profile - Candidate evaluation

[Back to the candidates list](#)

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[Evaluation](#)

% Complete 0.00%:

Documents

1. CV
2. Scanned copy of the certificate of the official academic qualification or proof of payment of the fees for the issuance of the certificate that allows the holder to access the doctoral studies
3. Scanned copy of academic transcript of the undergraduate degree
4. Motivation letter
5. Reference letter (2 mandatory)
6. Reference letter (2 mandatory)
7. Scanned copy of academic transcript of the master's degree. Candidates who have not completed their master's degrees must send their provisional academic transcript
8. Description of the master project
9. Middle notes equivalence of university studies in foreign centers (according to MINECO)

[Save](#)

[Submit evaluation](#)

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% Complete 0.00%:

Conv aval: 2015EXPERT-

How to choose a score

Each criterion will be scored between 0 and 5, with 0.1 increments. The scores indicate the following, for each of the criterion under examination:

- 0** – the application fails to address the criterion or cannot be assessed due to missing or incomplete information
- 1 – POOR** – the criterion is addressed in an inadequate manner, or there are serious inherent weaknesses
- 2 – FAIR** – while the application broadly addresses the criterion, there are significant weaknesses
- 3 – GOOD** – the application addresses the criterion well, but a number of shortcomings are present
- 4 – VERY GOOD** – the application addresses the criterion very well, but a small number of shortcomings are present
- 5 – EXCELLENT** – the application successfully addresses all relevant aspects of the criterion. Any shortcomings are minor

Only applications scoring a minimum of 12 points will be considered for selection

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% Complete 0.00%:

Evaluation

Evaluation criteria

Academic profile

Max score

5.00

Weigth

40.00

Score

Threshold

3.00

The following aspects will be considered when assigning an overall score for this criterion:

- How does the academic background correspond to what is asked in the research project?
- Rate the quality of the academic curriculum.
- Rate the candidate's academic records.

Strengths of the application

Weaknesses of the application

Overall comments: (reflecting the relative importance of the above-mentioned strengths and weaknesses)

SAVE AND SUBMIT

- ▶ Do not forget to **SAVE** your progress (partial or completed evaluation)
- ▶ The **SUBMIT EVALUATION** button will only activate when the evaluation is 100% complete. Please do not forget to **SUBMIT** the evaluation when you are satisfied with the result.

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1. Academic Profile

The following aspects will be considered when assigning an overall score for this criterion:

- Do the courses taken during the Bachelor and/or Master* studies make the candidate a better match for the project?
- How would you evaluate the quality of the courses received during the Bachelor and/or Master* training?
- How would you evaluate the candidate's academic grades from Bachelor and/or Master* studies?

* if applicable

Strengths of the application (in bullet point format)

-

Weaknesses of the application (in bullet point format)

-

Overall comments:

(reflecting the relative importance of the above-mentioned strengths and weaknesses)

-

Score Criterion 1 (out of 5; threshold 3; weight: 40%)

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2. Other merits (including research and previous professional experience)

The following aspects will be considered when assigning an overall score for this criterion:

- How would you evaluate, apart from the academic record, the candidate's previous research/professional experience? Has the candidate been involved in any research/professional activities that would make him/her a better match for the project?
- Has the candidate demonstrated interdisciplinary experience?
- Has the candidate performed internships, either in the non-academic or in the academic world?
- Did the candidates publish their research results in journals, book chapters, conference proceedings, etc.?

Strengths of the application (in bullet point format)

-

Weaknesses of the application (in bullet point format)

-

Overall comments:

(reflecting the relative importance of the above-mentioned strengths and weaknesses)

-

Score Criterion 2 (out of 5; threshold 3; weight: 30%)

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3. Reference letters

The following aspects will be considered when assigning an overall score for this criterion:

- Based on the information provided by the referees has the candidate demonstrated the ability to adapt to new environments, the potential to acquire new skills effectively, a creative and an innovative mindset?
- Are the reference letters written specifically for this position?

Strengths of the application (in bullet point format)

-

Weaknesses of the application (in bullet point format)

-

Overall comments:

(reflecting the relative importance of the above-mentioned strengths and weaknesses)

-

Score Criterion 3 (out of 5; threshold 3; weight: 10%)

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4. Motivation letter, detailing the reasons why the candidate believes s/he is a good fit for the position

The following aspects will be considered when assigning an overall score for this criterion:

- Did the candidate demonstrate how their academic and professional background and their previous acquired skills, relate to the requirements of the research project?
- Is the motivation letter written specifically for this position?

Strengths of the application (in bullet point format)

-

Weaknesses of the application (in bullet point format)

-

Overall comments:

(reflecting the relative importance of the above-mentioned strengths and weaknesses)

-

Score Criterion 4 (out of 5; threshold 3; weight: 20%)

DOS AND DON'TS

▶ **The evaluation is sent to the candidates in the same form as uploaded (no summary)**

➤ The comments must be:

- Specific to the relevant criterion addressing each sub-criterion
- Clear and substantial
- Definitive and final
- Consistent with the score awarded, balancing strengths and weaknesses
- Of adequate length
- Relative to the application as it stands

The comments must NOT be:

- ✓ Too short, too long, inappropriate/incorrect
- ✓ Categorical/general statements, not properly verified
- ✓ Assumptions: if the application is unclear on important aspects then this should be reflected in comments and scores
- ✓ Aimed at making recommendation and at providing advice on improving the application.
- ✓ **Referring to the same weakness under different criteria**
- ✓ Contradicting statements relative to strengths and weaknesses
- ✓ Discriminating, politically incorrect

DON'TS

- ▶ Age is not an exclusion criteria
- ▶ NO comparisons between the candidates that you have assigned
- ▶ Being enrolled in a PhD programme or not is not a criteria of evaluation
- ▶ Knowing or not knowing Spanish/Catalan (unless explicitly specified in the candidate's profile) is not a criteria of evaluation
- ▶ If the candidates have more than 2 reference letters should not be penalized

6. PAYMENT

The gross payment (including Spanish taxes) is **41€/CV evaluated**.

If you are a foreigner and can provide a **Certificate to avoid double taxation** (you have to inform yourself of such certificate in your country of residence) you can be exempt of paying the Spanish taxes.

Administrative support: Clara Savín

7. IMPORTANT LINKS

- ▶ Research projects: <https://www.sgr.urv.cat/cgi-bin/programes/mfpcofund/cuadricula.cgi?conv=2021MFP-COFUND-&idioma=ENG>
- ▶ Guide for applicants: <https://www.urv.cat/media/upload/arxiu/programes-recerca/marti-franques-cofund/Guide%20for%20applicants%202021.pdf>
- ▶ Guide for evaluators: https://www.urv.cat/media/upload/arxiu/programes-recerca/marti-franques-cofund/Guidelines_Evaluators_MFP%202021_v1.pdf
- ▶ MFP COFUND general page: <https://www.urv.cat/en/research/support/programmes/marti-franques/cofund/>
- ▶ Certificate of participation- upon request

8. QUESTIONS?



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