

A way to reach the goal



Beneficiary: Marco Cosme

Host institution: UCL

Scientific area: Life Sciences

Proposal acronym: SYMBIO-INC

Proposal title: Mechanisms of symbiotic incompatibility in the arbuscular mycorrhizal association

Proposal Submission Forms

Please check [our guide](#) for help on navigating the form.

Horizon 2020

Call: H2020-MSCA-IF-2018
(Marie Skłodowska-Curie Individual Fellowships)

Topic: MSCA-IF-2018

Type of action: MSCA-IF-EF-ST
(Standard European Fellowships)

Proposal number: 838525

Proposal acronym: SYMBIO-INC

Deadline Id: H2020-MSCA-IF-2018

Table of contents

Section	Title	Action
1	General information	
2	Participants & contacts	
3	Budget	
4	Ethics	
5	Call-specific questions	

How to fill in the forms
The administrative forms must be filled in for each proposal using the templates available in the submission system. Some data fields in the administrative forms are pre-filled based on the steps in the submission record.

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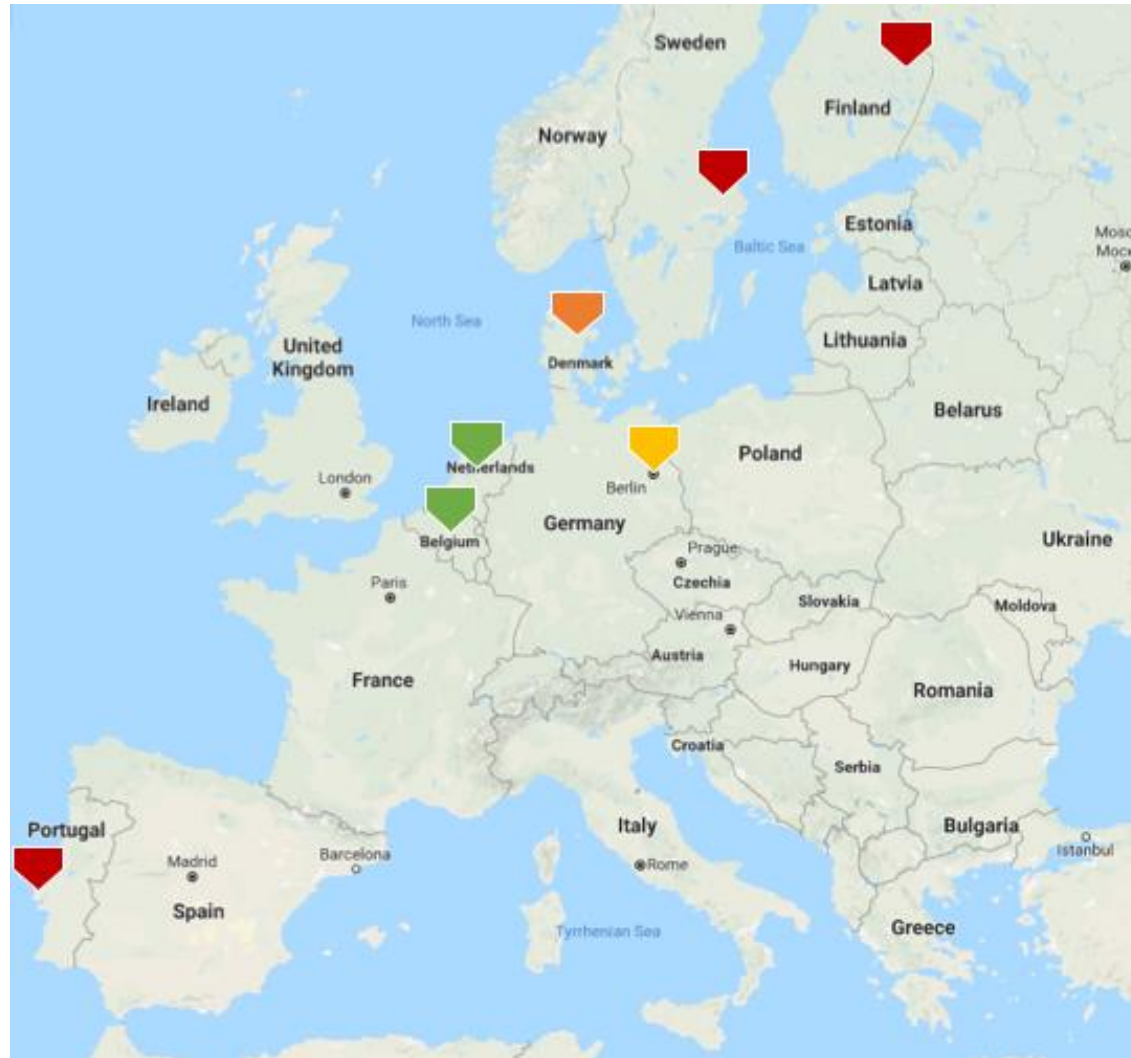
Mobility

 BSc/MSc student

 MSc intern

 PhD candidate

 Postdoc



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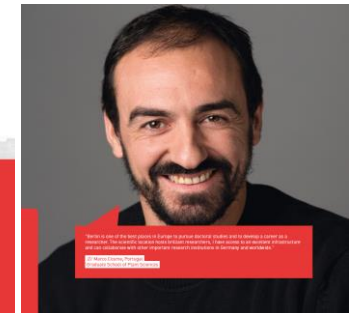
Proactive responsibilities, impact and outreach



- Publications: 9 peer-reviewed papers and 2 book chapters.
- 2 invited talks, 9 accepted talks and several conference posters.
- Coordinator and committee member of several scientific meetings.
- Ongoing or previous co-supervision: 2 PhD, 3 Master 9 Bachelor students.
- Study, communication and research grants: total budget 166,350.00 €.
- Communication for non-academic audiences.

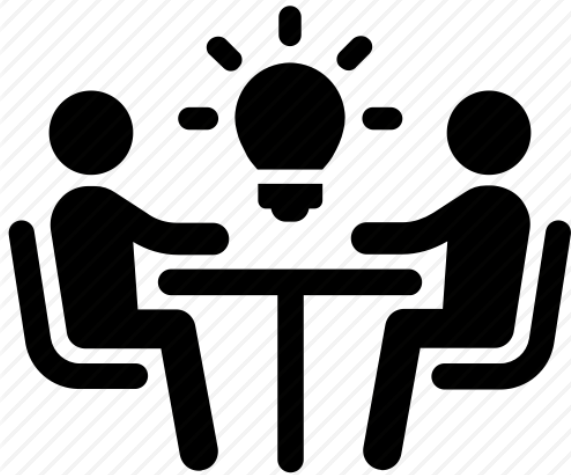


Focusing Research
The Focus Area of Free University Berlin



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Innovative/novel topic



Trends in Plant Science

CellPress
REVIEWS

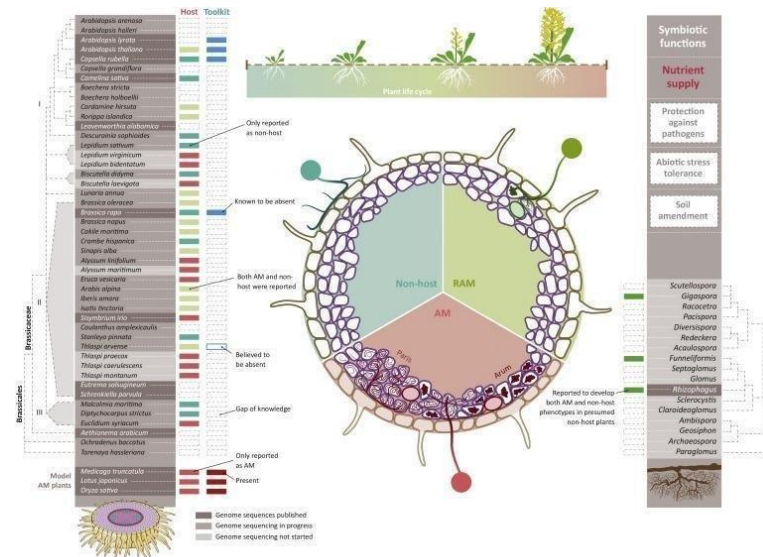
Opinion

Non-Mycorrhizal Plants: The Exceptions that Prove the Rule

Marco Cosme,^{1,*} Ivan Fernández,¹ Marcel G.A. Van der Heijden,^{1,2,3} and Corné M.J. Pieterse^{1,3,*}

Outstanding publication

Impact Factor: 12.15



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Build your own support network:

- Good supervisor(s) and host institution(s).
- University funding officer(s).
- MSCA-IF beneficiaries.
- Friends and family.

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Some tips for the writing:

1. Start with a good amount of time in advance.
2. Consider the country.
3. Clear proposal goals with strong significance.
4. Innovative and multidisciplinary research methods.
5. Clear plan for enhancing impact and knowledge transfer.
6. Develop a go/no go analysis for the project implementation.
7. Importance of secondments are two-fold!!!
8. Concreate future career direction.





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 BSc/MSc student

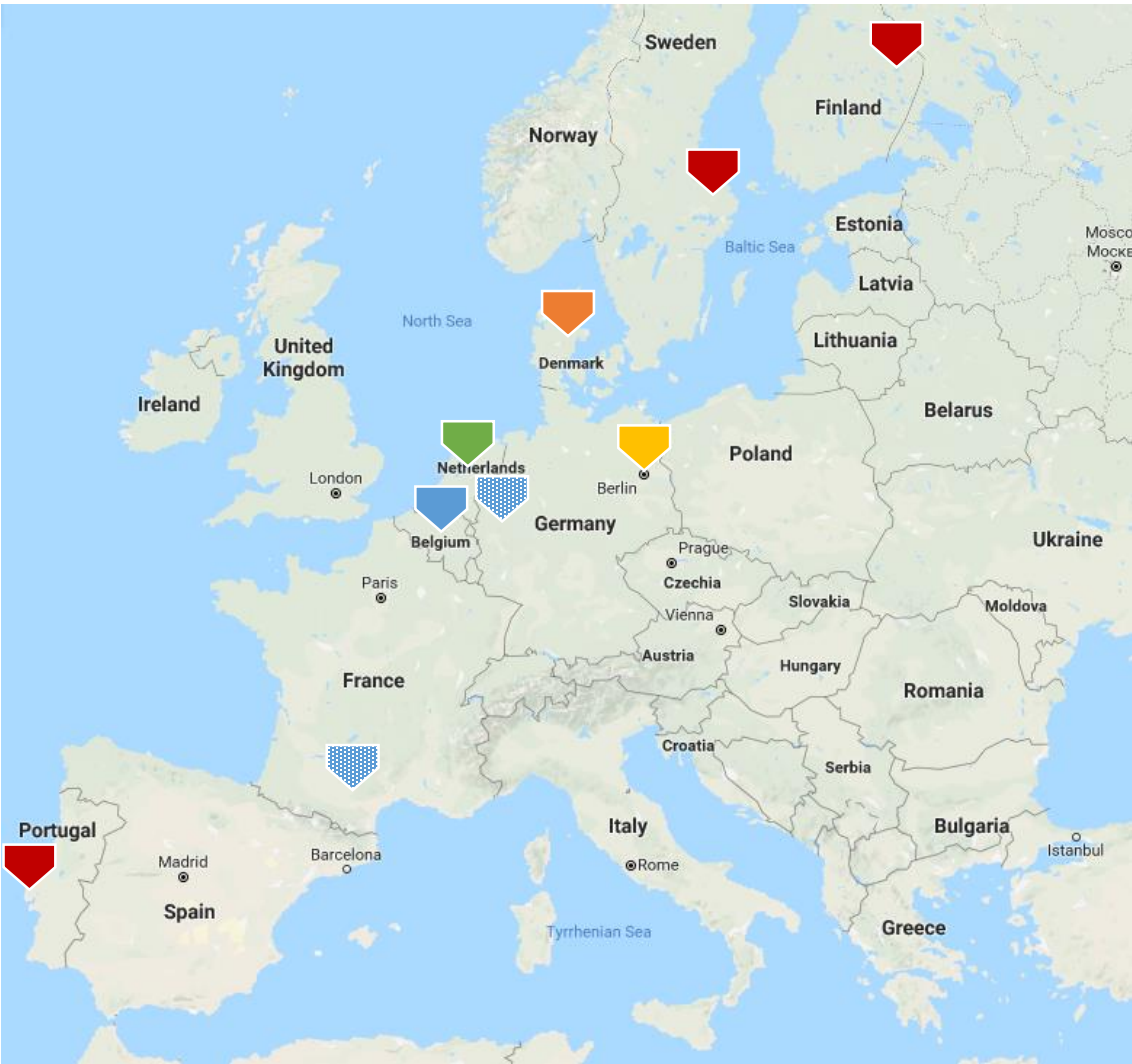
 MSc intern

 PhD candidate

 Postdoc

 MSCA-IF

 Secondments



Evaluation Summary Report

Evaluation Result

Total score: 96.60% (Threshold: 70/100.00)

Criterion 1 - Excellence

Score: **4.90** (Threshold: 0/5.00 , Weight: 50.00%)

Strengths:

- The project addresses timely and novel problems.
- The objectives are very well defined.
- The proposal is detailed and credible and considers multiple strategic alternatives
- The experimental approaches are innovative.
- Appropriate multidisciplinary is presented.
- The supervisor has an impressive track record of achievements with ample supervisory experience.
- Proposed two-way transfer is excellent.
- The proposed secondments broaden the network of collaborators.
- Hosting arrangements are very good.
- A career development plan is considered.
- The researcher presents a strongly motivated, proactive and mobile career path with very credible potential for continued progress at high level.

Weaknesses:

- Insufficient description of GWAS analysis.
- Competences for GWAS is unclear.

Evaluation Summary Report

Evaluation Result

Total score: 96.60% (Threshold: 70/100.00)

Criterion 1 - Excellence

Score: 4.90 (Threshold: 0/5.00 , Weight: 50.00%)

Criterion 2 - Impact

Score: 5.00 (Threshold: 0/5.00 , Weight: 30.00%)

Strengths:

- Strong career enhancing elements within the proposal.
- The project has a novel research concept.
- Two secondments that will undoubtedly drive the researcher to establish as a research leader.
- Protection of intellectual property is identified in sufficient detail.
- The academic route is described with credible strategic landmarks.
- Communication to large scientific and curious audiences is proposed.

Weaknesses:

- None identified.

Evaluation Summary Report

Evaluation Result

Total score: 96.60% (Threshold: 70/100.00)

Criterion 1 - Excellence

Score: 4.90 (Threshold: 0/5.00 , Weight: 50.00%)

Criterion 2 - Impact

Score: 5.00 (Threshold: 0/5.00 , Weight: 30.00%)

Criterion 3 - implementation

Score: 4.40 (Threshold: 0/5.00 , Weight: 20.00%)

Strengths:

- WPs with coherent progression based on successive credible deliverables and milestones in an excellent Gantt chart.
- Appropriate allocation of time to each task.
- The risk analysis is suitable and appropriate and contingency plans are logically sound.
- The institutional environment is excellent.

Weaknesses:

- The time dedicated to transcriptome analysis is underestimated.
- Sample numbers are not clearly defined, which undermines the credibility of time and resource management for the transcriptomics effort.



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1. 2016 MSCA-IF 
2. 2017 Move-In Louvain: Incoming Postdoc Fellowships 
3. 2017 F.R.S.-FNRS Postdoctoral fellowships 
4. 2018 FNRS postdoctoral Fellowships 
5. **2018 FSR incoming postdoctoral fellowships** 
6. **2018 MSCA-IF** 

