



Reina Sofia Foundation - MAPFRE Grant 2020-2021

Alzheimer Project Research Unit CIEN Foundation – Reina Sofia Foundation

REQUIREMENTS

1. Required Certification

PhD in Neuroscience, MD in Neurology

2. Required education or experience:

Proven research background related to the following topics:

- Neurodegeneration
- Neuropsychology of ageing
- Experience in resting state functional connectivity analyses
- Pre-or postdoctoral research experience outside of Spain
- Programs/Languages/Toolboxes: MATLAB, R, SPSS, SPM, FSL, Freesurfer
- Good communication skills

3. Language: Fluent Spanish and English

4. Residence and work visa, valid for the whole stay (foreign candidates).

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MERITS TO BE CONSIDERED

- ✓ **CV:** Student and professional record, communication and language skills, teamwork capacity.
- ✓ **Publications:** Research articles in peer-reviewed scientific journals. Communications (oral or written) in scientific conferences will also be considered.
- ✓ **Research experience:** Demonstrated participation in research projects in the field of clinical and cognitive neuroscience.

OBJECTIVE

Research Program focused on the characterization of functional brain networks in cognitively healthy individuals that subsequently develop mild cognitive impairment as well as individuals over the age of 80 showing extraordinary memory abilities (“Superagers”) identified within the Vallecas project.

Six months, extendible for additional 6 months (maximum, 12 months).

Host laboratories:

- Neuroimaging Department, Reina Sofia Foundation Alzheimer Center, Madrid, Spain
- Department of Neurology. University Hospital of Cologne. Germany.



The successful applicant will have outstanding opportunities to be actively involved in a multidisciplinary collaborative research program on neurodegeneration and dementia mechanisms between both institutions.

Research focus:

Functional neuroimaging correlates of pathological vs. “Superager” memory abilities

Required documents

- 1) Introduction letter, including a statement of research interests
- 2) Curriculum vitae
- 3) Proof of identity: DNI/Passport and Social Security Card (Spain and rest of the EU nationals); Passport, NIE and Social Security Card (foreigners, outside EU)
- 4) Academic Degrees and merits contributed
- 5) Letters of support

Financial support and conditions:

First period amount: 16.000 euros corresponding to 6 months, and will be received as follows:

- 75%: Advanced payment, at the beginning (12.000 €)
- 25%: After delivery of the scientific report (4.000 €)

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The **second period amount**, will depend on the submission of the scientific report by the recipient and its acceptance by the Selection Committee. If so, the grant will be extended for an additional period of six months, to be paid in the same way and amounts.

All expenses incurred (insurances, transfers, accommodation) will be paid by the beneficiary.

Selection Committee

Evaluation of candidates will be carried out for a Board chaired by the Scientific Director of the Alzheimer Disease Research Unit, Reina Sofia Foundation Alzheimer Center. Final decision of the Selection Committee cannot be appealed.