BraYn Starting Grant 2019

A little help to grow as a Neuroscientist

www.braynconference.com

ONE EXPERIMENT TO RULE THEM ALL!

Neuroscience is one of the most challenging fields of research. Although our understanding of the brain keeps growing exponentially, we still have much to learn, especially regarding the intricate interplay between all the different brain cell types. Indeed, cell-to-cell communication between neurons, astrocytes, microglia, pericytes, and endothelial cells can have a huge impact on brain biology, both in physiological and pathological conditions.

The BraYn Organisation will fund one PhD student or early career postdoc to answer an experimental question with a focused research plan in the field of neuroscience, either to validate a hypothesis that concludes a story or to test a hypothesis being the base of a new story. The story and/or approach proposed should be highly innovative. Topics that may be covered are the following:

Neuro/glia interaction, Neurodegeneration, Perinatal neurology, Neuro-oncology, Neuroinflammation and Neural plasticity.

PhD students or Postdocs at a very early stage of their career from anywhere around the world can apply. The grant proposal should be structured as follows:

Two pages including a brief introduction, scope of the research, preliminary results (optional), a key experimental approach, and a clear indication of the topic(s) covered among those indicated above.

Not included in the two page limit:

- One page for references (max of 10);
- One figure page (optional);
- Financials. Funds should be spent on consumables. Applications using funds for stipends, mice, or equipment will not be accepted;
- Two-pages curriculum vitae (CV).

The successful candidate will be asked to submit a report by two months after the end of the grant period, and will be offered the possibility to present her/his results at the next BraYn conference in 2020.

Time: 6 months (starting January 2020)
Funding: 3.000 Euros
Eligibility criteria: PhD students and postdocs with a valid contract until June 2020.

Applications should be submitted as a single PDF file, **before July 31st**, to **info@braynconference.com**. Applicants must be registered for the BraYn 2019 conference.

TEMPLATE

Layout

A4 format; Margins 3 cm; Times New Roman 11 pt, single spacing.

Applicant information

- Project Title
- Name, date of birth and position of the candidate (PhD Student, Postdoc)
- Name of the PI
- Affiliation

Background. Explain the background of the research and the challenges it seeks to address, and highlight the originality and potential impact of the research, in both academic and non-academic contexts.

Preliminary results (Optional). Report the relevant experimental data that support the likely success of the research project. Preliminary results should be generated by the applicant and must not refer to data that can be found in the literature. One figure can be included.

Objective. State clearly the objectives, questions or hypotheses that the research will address.

Research design and methodology. Explain the experimental plan of the research to be undertaken in order to address the above objectives. Describe the methodologies, approaches, equipment, and data interpretation to be utilised.

Budget justification

Justify each element of the project budget to show that the requested resources are necessary to conduct the research.

References

Maximum of 10

Curriculum Vitae

For the lead applicant, describe research career to date, including degrees and qualifications, academic and professional posts, relevant publications and other achievements and appointments. CVs should clearly show that the candidate meets the eligibility criteria. It should not exceed 2 pages.