

The ETN “Synaptic Dysfunction in Neuropsychiatric Disorders” (Syn2Psy) is recruiting an **early stage researcher (ESR)** to integrate a research project aimed at understanding the molecular, synaptic, network and behaviour basis of neuropsychiatric disorders. This position is open for an excellent and highly motivated candidate with interest in synapse pathology in neuropsychiatric disorders, having an MSc degree in Biochemistry, Biology, Biological chemistry, Biomedical sciences, Pharmacy, Bio-informatics, or related disciplines. The ESR will work towards a PhD degree, completed with training opportunities in relevant non-academic organizations through secondments.

Syn2Psy is a consortium of 7 toplevel academic research institutions and 5 non-academic leading organisations, located in Portugal, UK, France, Switzerland, Denmark and Germany. Syn2Psy provides PhD-level training to integrate molecules, synapses, neurons, circuits and behaviour, to understand and treat neuropsychiatric disorders.

More information about the consortium beneficiaries and partners here ([website](#)).

The call is open for:

Research Project ESR4: Linking autism related mutations in Shank3 over synaptic, network and behaviour – human genetics, neuronal cell biology, neurophysiology, super-resolution microscopy, optogenetics, animal behaviour, neural dynamics. Host Supervisor: Daniel Choquet, hosted at the Interdisciplinary Institute for Neuroscience – CNRS, Bordeaux University, France.

General Requirements

- The candidate holds a Master degree in a relevant discipline or will receive this before the appointment date; relevant disciplines are *Biochemistry, Biology, Biological Chemistry, Biomedical Sciences, Pharmacy, Bioinformatics* or related.
- The candidate does not hold a previous PhD degree.
- The candidate has less than 4-years (full time equivalent) experience as a researcher.
- The candidate must not have resided or carried out their main activity (work, studies, etc.) in the country of the institution hosting the PhD-project of interest for more than 12 months in the 3 years immediately prior to his/her recruitment (short stays, e.g., vacations, do not count).
- Capacity to work in a multidisciplinary team in an international environment and to work independently
- Strong interest in research and science.
- Excellent English communication skills, orally as well as in scientific writing.

The fellows will have access to a comprehensive training program that includes secondments, network schools, active participation in conferences and training on transferable skills. The ESR will enrol in a PhD programme associated with the corresponding host institution.

The successful candidate will receive an attractive base-salary in accordance with the Marie Skłodowska-Curie Actions, for 21 months and ERC based further funding for another 15 months.