

Application Scientist

Job Offer

The Company

3Brain AG is a Swiss deep tech company working on cell-electronic interfaces that link biological networks to computers via custom-made semiconductor microchips. Our mission is to empower life scientists to probe intelligent networks, accelerate biomedical discoveries for the benefit of patients, and create a future more exciting than the present. Our interdisciplinary team of scientists and engineers are constantly pushing the boundaries of engineering for life's complexities. We are ambitious, fast-growing and love to explore. The company is headquartered in Switzerland nearby Zurich, has a R&D office in Genova, Italy, and has installed its cutting-edge products in laboratories and pharma companies worldwide.

More info: <http://www.3brain.com/about.html>.

Job description

3Brain is looking for a full-time research scientist with an electrophysiological background to conduct experimental campaigns taking place at 3Brain's partners. The candidate will be fully responsible for laboratory activities at 3Brain's partner premises. This position offers an attractive compensation and requires the availability to live and work abroad (UK) for at least the first year, possibly up to 2 or max 3 years. Afterward, the position will continue and the person will be able to return to Italy. Main responsibilities:

- Perform experimental tests with diverse cell preparations and cell models (e.g., cultures, spheroids, organoids) on 3Brain's measurement systems.
- Supervising and maintaining a cell culture laboratory, dealing with the culture of adherent mammalian cell lines and iPSCs.
- Process experimental results, perform statistical analysis, prepare and present reports.
- Organization of daily research activities, managing project priorities and deadlines, identifying and resolving instrumentation issues, arranging maintenance contracts and servicing.
- Routine laboratory maintenance including for example: changing filters, gas tanks, cleaning machines, ordering equipment supplies and reagents



Required Qualifications

- PhD degree in molecular biology / biomedical sciences / neurobiology.
- Knowledgeable about electrophysiological applications and tools commonly used in in-vitro neurobiology.
- Experience with either microelectrode array (MEA) or patch-clamp recordings.
- Knowledgeable about statistical analysis tools.
- 2+ years of laboratory experience in cell culturing and maintenance (especially hiPSCs).
- Highly motivated self-starter and problem solver.
- Proficient working in a Windows environment.

Additional Qualifications

- Strong molecular and biochemical background.
- 1+ years of laboratory experience in compound screening assays.

What We Offer

- A dynamic and stimulating work environment driven by a desire to build transformational technologies to help others.
- A young, fast-growing company with plenty of opportunities for personal growth and development.
- Working place: this position requires to work in UK for a period between 1 and 3 years, after which the candidate will move to our office in **Genova, Italy**.

To apply send your CV and short motivation letter to hr@3brain.com, subject: [Application Scientist](#).

