

# Technical Application Scientist

## Job Offer

### The Company

3Brain is a young, fast-growing, dynamic company focusing on brain technologies, one of the most fascinating research and business sectors with multiple applications and impacts on human life. 3Brain's mission is to provide state of the art technology to support life science research and improve human health. In particular, 3Brain develops, manufactures and distributes high-quality instruments based on our patented CMOS multi-electrode array, a high-resolution neuro-electronic chip. The company is headquartered in Switzerland nearby Zurich, has a SW R&D office in Italy, and has installed its products in laboratories and pharma companies worldwide.

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

### Job Description

3Brain is looking for a full-time application scientist with a tech background, who will work with our scientific team to support customer projects, answer technical questions, solve customer needs concerning experimental issues and statistical analysis of results. The candidate will work at the interface between science and sales, interfacing closely with external customers but also supporting product and application development testing new biological models, products and tools in a laboratory environment. Main responsibilities:

- Develop an extensive experimental knowledge of the 3Brain's products and of their applications.
- Perform experimental tests on diverse cell preparations and brain models (e.g., brain slices, spheroids, organoids) and 3Brain's measurement systems.
- Process experimental results and perform statistical analysis on those
- Scientific consulting and professional service activities for our worldwide customers by email or remote conf call but also, if necessary, by travelling to customer locations
- Troubleshooting product or service problems determining the cause of the problem, identifying and applying the best solution to solve the problem and following up to ensure resolution
- Provide remote or in case on-site support to customers while performing experiments on 3Brain's system
- Provide remote or on-site training and adapt training material to the various skill levels of trainees
- Build sustainable relationships of trust through open and interactive communication



- Conduct customer line audits, prepare product or service reports by collecting and analysing customer information, extrapolate statistics on product's usage, support the development team in defining needs and functional specifications for next generation products
- Provide Sales and Product Management with market intelligence and market trends
- Attend conferences, congresses and trade shows

## Required Qualifications

- Fluency in English
- Master or, preferably, PhD degree in bio-engineering/ biophysics/neurobiology
- Knowledgeable about applications and tools commonly used in in-vitro neurobiology
- Experience with electrophysiology instruments, such as patch-clamp or, preferably, Multi Electrode Array technology
- Knowledgeable about neurocomputation and statistical analysis
- Proficient working in a Windows environment and good knowledge of scripting languages (e.g. Python, Matlab)
- Highly motivated self-starter
- Analytical, methodical thinker with the ability to quickly understand and solve the potential causes of a technical problem

## Additional Qualifications

- Strong molecular and biochemical background
- 1+ years of laboratory experience in brain slices and/or neuronal cell cultures

## What We Offer

- A dynamic and stimulating work environment in a young, fast-growing ambitious company
- Possibility of professional growth
- Flexible work hours
- Working place: Genova (Italy) a wonderful Mediterranean and historical city located nearby world-renowned places such as Portofino and Cinque Terre and 2 hours from Milan, the fashion and business hub of Italy

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

