

# Field Application Scientist

## Job Offer

### The Company

3Brain 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's cutting-edge products are used in laboratories and pharma companies worldwide. 3Brain is headquartered in Switzerland nearby Zurich, has a Data Science and Discovery Unit in Genova, Italy, and an operational unit in the US.

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

### Job description

3Brain is looking for an on-site full-time Field Application Scientist for its Italian office located in Genova, who will join the Customer Success Department to support customer activities by identifying approaches to solve their needs concerning technical and experimental questions, statistical analysis of results and cell assays protocol development. The candidate will be involved in scientific and technical support with a particular emphasis on data analysis and ICT aspects as well as in experimental activities. The candidate will work at the interface between science, tech, and sales, working closely with customers, but also will perform tests and validation on current and newcoming products, lab activities to explore new biological models and applications, and participate to R&D activities.

#### Main responsibilities:

- Develop an extensive knowledge of the 3Brain's products and of their applications. Keep updated state of the art in the field.
- Collect information about customer experience and provide regular follow up to ensure customer satisfaction.



- Scientific consulting and technical support activities for our customers, partners, and distributors worldwide via e-mail, remote phone calls, or travel to customer sites.
- Provide remote and on-site training, and support to customers while performing experiments on 3Brain's systems.
- Support customer's needs regarding technical and scientific aspects.
- Perform experimental laboratory activities such as: dissection of animals (e.g. mouse, rat) both embryonic and postnatal for the preparation of cell cultures (e.g. cardiomyocytes, neurons).
- Experience with human and non-human stem cells and maintenance of cell cultures.
- Process experimental results, perform statistical analysis, prepare, and present reports.
- Perform experimental tests with diverse cell preparations and cell models (e.g., brain slices, cell cultures, spheroids, organoids) on 3Brain's devices.
- Collaborate with the Sales, Marketing teams to align scientific support with business goals and customer expectations.
- Support Hardware and Software team in validating and testing new prototypes with biological models.
- Attend conferences, congress, and trade shows.
- Provide scientific contents for poster presentation, papers and scientific material such as application notes.

## Required Qualifications

- PhD degree in neurobiology /biomedical engineering / biomedical sciences.
- Knowledgeable about electrophysiological applications and tools commonly used in in-vitro neurobiology.
- Knowledgeable about statistical analysis tools.
- Proficient working in a Windows environment.
- Full proficiency (C1 level) or mother tongue in English.
- Ability to communicate clearly and effectively to diverse audiences through both written and oral communications.
- Highly motivated self-starter and problem solver.

## Additional Qualifications

- Experience with either microelectrode array (MEA), calcium imaging or patch-clamp recordings.
- Experience with preparation of cell cultures from continuous lines, cryogenic material.



- Strong molecular and neuroscientific background.
- 1+ years of laboratory experience on cell-based assays for compound screening.

## 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: **Genova, Italy**. It is a wonderful Mediterranean city with an incredible history, located at the heart of nearby world-renowned places Cinque Terre or Milan, the fashion and business hub of Italy.

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

