

## Scientist position (M/F) – Neural network analyst

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Permanent position (CDI), full time

NETRI is a private research institute in biotechnology. Focused on medical devices innovation with applications mainly in neuroscience, NETRI develops technology continuously, with patient-driven research in neurological troubles such as Alzheimer's or Parkinson's diseases.

We are hiring a neural network scientist in Lyon, France (Gerland). Supervised by the Chief Science Officer, the scientist will lead a research project on data acquisition and temporal analysis of spiking human neurons in culture organized in a physiologically relevant manner. Based on MEA recordings, the scientist will use or develop an automated spike analysis and cross correlation software for network parameter extraction. The scientist will produce reporting and analysis of the application of several compounds on the network.

### Missions :

- Design and realize recording campaigns with biologist technician,
- Design and develop appropriate network analysis algorithms,
- Perform analysis of campaigns and extract network parameters,
- Suggest and realize automation of process to the team,
- Present results to the team,
- Keep up to date paper monitoring,
- Disseminate results (papers, conferences...).

### Profile :

- PhD in computational neuroscience / neuroscience specialized in neural networks
- Previous lab experiment required or exceptional skills justified (recommendation letters appreciated)
- Programming language C, Java, Python...
- Highly motivated talent

### Position :

- Full time permanent position (CDI),
- Salary depending on experience

### Contact :

Send a motivation letter and resume to [jobs@netri.fr](mailto:jobs@netri.fr)