Job posting

Type of position
☑ scientific
☐ administrative

Target group
☑ graduates
☐ post docs
☐ other

Title
PhD position "Regulatory control of neuronal differentiation at single-cell resolution"

Institution
MeInBio is a structured PhD program (research training group) at the Medical, Biological and Technical Faculty of the Albert Ludwigs University and the Max Planck Institute of Immunobiology and Epigenetics, Freiburg, Germany. In MeInBio Life Sciences meet Bioinformatics to advance the understanding of transcriptional control at high spatial and temporal resolution.

Position
You will be part of an interdisciplinary research training group (MeInBio), which aims at a dual education in bioinformatics and wet laboratory methods to explore the spatiotemporal dynamics of gene regulation using high-throughput and high-resolution methods. This specific project aims at understanding the regulatory control of neuronal differentiation at single-cell resolution. To this end, detailed molecular maps of histone modifications, transcription factor binding and chromatin accessibility will be generated, analyzed and interpreted.

Responsibilities

Requirements
PhD applicants should hold a MSc/Diploma in life sciences, ideally with a strong computational component. MSc in Bioinformatics or Informatics will be considered, if they can demonstrate practical expertise with molecular biology techniques. We are looking for highly motivated candidates who are showing strong interest in interdisciplinary research and the desire to work at the interface of epigenetics, neuroscience and bioinformatics. We also expect fluency in both written and spoken English.

Application procedure (deadline etc.)
Please submit your complete application, including a statement of research interests and a CV to our homepage http://www.ie-freiburg.mpg.de/jobs until May 15th, 2020.

At the same time, please ask two of your referees to send recommendation letters to personal@ie-freiburg.mpg.de
Contact

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