

A PhD student /Early stage researcher position available in the European Training Network *Brain Barriers Training* – BtRAIN



The European Training Network Brain Barriers Training – BtRAIN invites applications for a **position for Early Stage Researchers (ESR)/PhD students**.

Research in **BtRAIN** (www.btrain-2020.eu) is dedicated to create and disseminate unique knowledge on the vertebrate brain barrier signature genes and their specific role in regulating brain barrier function in development, health, ageing and disease. **BtRAIN** will train a new generation of young researchers to think out of the box and to bridge disciplinary interfaces by providing trans-disciplinary training in research and technological development in the field of brain barriers research.

To achieve such a holistic overview on the biology of the vertebrate brain barriers, BtRAIN provides a unique trans-disciplinary and trans-sectorial environment, combining the expertise of clinical and non-clinical researchers in **biomedical disciplines** (developmental biology, vascular and cell biology, physiology, pharmacology, neuroimmunology) and **technologies** (chemistry, bioengineering and imaging of the brain barriers) with that of **bioinformatics** from the academic and non-academic sector. BtRAIN fosters intense contacts of 12 academic and 6 non-academic partners from 7 EU countries, CH, USA and the European Network Brains4Brain.

A **PhD position with a bioinformatic** focus is available in the BtRAIN project 7 at GenXPro GmbH in Frankfurt, Germany. The project is entitled: **Blood-brain barrier derived non-coding RNAs as functional biomarkers for the aging BBB versus the BBB in Alzheimer's Disease**. (see <http://www.btrain-2020.eu/esrSeven>).

Eligibility Criteria

BtRAIN is a research fellowship programme for 'Early Stage Researchers (ESR)'. If you intend to do your PhD and you have less than 4 years research experience, you might apply for a fellowship. Applicants will have to meet the Marie Skłodowska-Curie eligibility criteria (http://ec.europa.eu/research/participants/data/ref/h2020/wp/2014_2015/main/h2020-wp1415-msca_en.pdf p40-41).

Pre-requisites for the candidates

- University Master Degree preferentially in Bioinformatics or in any discipline in the Life Sciences
- Experience in molecular biology
- Informatics and programming experience and/or experience in NGS-data processing is of advantage
- Mobility during the program to fulfill the requirements for secondments
- Ability to work in an international team and to meet deadlines
- Ability to analyze, integrate and communicate large amounts of data
- Ability to multi-task

Submit your application now: <http://www.btrain-2020.eu/application>