



**„GROSSES BEWEGEN.
AUF STATION
UND IM LABOR.“**
Dr. Dimitra Z.:
Klinik-Ärztin und Forscherin

Better together. For life.

We are the University Medical Center Hamburg-Eppendorf (UKE) - and we stand for excellent competence in research, teaching and comprehensive healthcare in our clinics. Every day, our approximately 14,900 employees strive anew to make the world a little healthier with their contribution.

It is our aspiration to be one of the leading university hospitals - and at the same time the best employer in our industry. At UKE, for example, we firmly believe that successful and fulfilling work should be in harmony with employees' personal needs and individual lifestyles. And as diverse as these are, so is our range of individual solutions.

Welcome to the UKE.

**Ph.D. Student (Research fellow junior) (all genders)
Research Institute Children's Cancer Center Hamburg,
research group Developmental Neurobiology and
Paediatric Neuro-oncology**

Job-ID: J000001209

Working hours:
Temporary

Working hours: Part
time

Apply till:
30.10.2023

Organization:

Company section:

Department:

Main tasks

- At the research institute at the UKE there is a vacancy for a research associate in the research group developmental neurobiology and paediatric neurooncology (head Prof. Dr. Ulrich Schüller, [https://kinderkrebs-forschung.de/en/research/brain tumors](https://kinderkrebs-forschung.de/en/research/brain%20tumors)) to 01.10.2023. In principle, a later start is conceivable. Participation in the structured PhD programme of the faculty is possible.
- In the working group, you can expect a motivated and dynamic team of doctors, natural scientists, bioinformaticians, technical assistants and students who are investigating childhood brain tumors within the framework of different projects and with different approaches.
- An exciting project awaits you in which we would like to further develop the molecular diagnostics of brain tumor patients from minimally invasive liquid biopsies (cerebrospinal fluid, blood plasma). This is done by isolating small amounts of cell-free circulating tumor DNA, in which we identify genetic changes and epigenetic characteristics of the tumor. Using innovative sequencing technologies, we are planning to precisely assign brain tumors to molecular classes preoperatively and to identify therapeutic targets. Furthermore, we want to monitor patients better and thus detect and treat minimal residual disease or recurrences as early as possible. These analyses are performed on samples that are sent daily from the departments of paediatric oncology and neurosurgery and also from numerous clinics throughout Germany to the Institute of Neuropathology, which - together with Prof. Schüller as senior physician - serves as the national reference centre for CSF diagnostics in paediatric brain tumors.
- For this work, you can expect a helpful team, a detailed introduction and appropriate supervision throughout the entire period of the doctorate.

Your Profile

- University degree of natural science and/or bioinformatics (e.g. molecular medicine, biology, biochemistry, computational biology)
- Ideally programming skills (e.g. R) as well as knowledge with omics data and the application of bioinformatics methods
- Ideally knowledge of basic methods of molecular biology
- Strong interest in science with the intention to stay in research
- Commitment, ability to coordinate and organise, quick comprehension, independence, ability to work in a team
- Ability to prepare, present and publish scientific data
- Candidates with equivalent skills and experience and high interest in the research area described are also welcome to apply

Immunity status

The application can only be considered if there is complete proof of immunisation or immunity against the measles virus in accordance with the applicable (legal and medical) requirements (at the latest by

the start of employment). We kindly ask you to enclose such proof with your application documents.

Our Offer

- University degree of natural science and/or bioinformatics (e.g. molecular medicine, biology, biochemistry, computational biology)
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Contact

Contact to the department

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Recruiting contact

Recruiting Team

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About us

We live diversity and value variety

We offer a work environment providing equal opportunities regardless of age, gender, sexual identity, disability, origin or religion. This is confirmed by our accession to the Charter of Diversity. We explicitly aim to increase the proportion of women in management positions, especially among scientific personnel in research and teaching. Women with equal qualifications will be given priority. The same applies in the case of under-representation of one gender in the advertised area. Persons with severe disability with equal aptitude, competence and professional performance will be given priority.

> Learn more about "Diversity at UKE" [here](#).

Apply online now via our career portal: https://uke.jobs/index.php?ac=application&jobad_id=1209