



## CharitéCentrum für diagnostische und präventive Labormedizin

The **Charité** in Berlin is the largest university hospital in Europe, unifying the medical faculties of the **Free University of Berlin** and **Humboldt University**. It has four major campuses where academic teaching, research and patient care are closely interwoven and it is one of Germany's most research-intensive medical institutions. The **Institute of Microbiology, Infectious Diseases and Immunology** at **Campus Benjamin Franklin** (Director: Andreas Diefenbach) invites applications for a full-time (38,5 hrs./week) position as

### Head of the Flow Cytometry Unit (m/f)

The Institute of Microbiology, Infectious Diseases and Immunology aims to gain a molecular understanding of how the innate immune system, in particular the recently discovered groups of innate lymphoid cells (ILC), promote tissue homeostasis and adaptation of the host to noxious compounds and tissue damage at barrier surfaces (e.g. skin, lung, gut). To this end, our laboratory is applying cutting edge technology in the area of both immunology and genomics including multi-dimensional flow cytometry and cell sorting as well as RNA-, ChIP-, ATAC- and single cell RNA-sequencing. To provide investigators advanced instrumentation and high-level technical and scientific expertise in flow cytometry and cell sorting, we aim to establish, maintain and operate a state-of-the-art Flow Cytometry Unit. The Flow Cytometry Unit will host cutting edge equipment, including both a high-parameter analyser (BD LSR Fortessa™ X-20) and sorter (BD FACS Aria™ Fusion) and is to be established as independent Charité Core Facility.

#### Your responsibilities

- Autonomous operation of a cell sorter and simple troubleshooting and repairs of flow cytometry equipment
- Calibration and maintenance of flow cytometers
- Training of scientists
- Coordination of the ordering process of spare parts and consumables and arrangement of repairs by the manufacturer
- Administrative duties including the management of user administration, instrument training, booking calendar and charging system
- Establishment of the Flow Cytometry Unit as a Charité Core Facility
- Active contribution to various research programs (e.g. harmonized staining panels and sorting strategies) in close collaboration with research scientists

#### Your qualifications

- Years of experience with flow cytometry and cell sorting
- Exceptional organization skills
- Excellent collaborative and interpersonal skills are required to assist and train multiple professionals including Principal Investigators, Research Fellows (Postdocs) and Graduate Students
- Good English skills are necessary, German language skills are not mandatory
- A Bachelor's degree in Natural Sciences or Engineering is required; Master's degree/PhD are preferred
- Further experience in immunology, single-cell technologies and genomics is preferred, but not essential
- Experience with computer systems required, including web-based applications and some Microsoft Office applications

#### Our offer

- Interesting and multifaceted position with the chance to spearhead and shape the successful establishment of a Flow Cytometry Core Facility
- The opportunity to further develop a cutting edge technology that contributes to innovative research
- An outstanding and international clinical and academic research environment
- Flexible working hours and a family-friendly working environment
- Pay scale 45,000 – 68,000 € according to TVöD VKA-K EG 13

<p>The position is open as of <b>01.04.2019</b> and initially limited to 3 years, with the possibility of extension. Please send your application until <b>15.02.2019</b> as <b>1 combined PDF-file</b> to: Andreas Diefenbach Professor and Chair BIH Professor for Microbiology  Institute for Microbiology, Infectious Diseases and Immunology Phone: +49 30 450 524 173 Email: andreas.diefenbach@charite.de</p>	<p>Informal inquiries are welcome and should be sent to:  Michael Kofoed-Branzk and Oliver Hölsken  Institute for Microbiology, Infectious Diseases and Immunology Phone: +49 30 450 524 039 Email: michael.kofoed-branzk@charite.de Email: oliver.hoelsken@charite.de</p>
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