The MAX DELBRÜCK CENTER FOR MOLECULAR MEDICINE (MDC) in Berlin, a member of the Helmholtz Association of German Research Centers is inviting applications for an

**Independent Junior Group Leader Position in**

**Computational or Theoretical Approaches for Deciphering Human Disease Data**

(Reg.-no 11162/2019)

The MDC is a leading biomedical research institute dedicated to interdisciplinary research in the areas of Medical Systems Biology, Cardiovascular and Metabolic Diseases, Cancer, and Function/Dysfunction of the Nervous System. The Berlin Institute for Medical Systems Biology (BIMSB) is a strategic expansion of the MDC and currently hosts 16 labs working at the interface between computational and experimental biology, using a range of biological systems, from human samples to model systems, and combining a variety of technologies, from single cell expression data, to sequence variation, and imaging. Since early 2019, MDC/BIMSB is located in a new research building in the heart of Berlin, on the historical Campus of the Humboldt University of Berlin and in close vicinity to the Charité University Hospital. The building offers open research areas to foster communication and cooperation between groups and disciplines.

To fill the independent junior group leader position “Computational or Theoretical Approaches for Deciphering Human Disease Data”, we are inviting applications from exceptional scientists in the field of computational sciences, mathematics or physics with expertise in computational and/or theoretical approaches to tackle problems of molecular biology. We will give preference to candidates who make use of large datasets to investigate human disorders or models of human diseases and develop methods-driven quantitative approaches (e.g. modern statistical or algorithmic approaches to interpret massive heterogeneous data from large patient cohorts or genomics studies).

Experience in working in an interdisciplinary environment is desirable and a track record of highly successful post-doctoral research or, in exceptional cases, doctoral research of the highest caliber is essential.

The successful candidate is expected to conduct visionary independent research, acquire extramural funding, and engage in collaborative projects with experimental and computational groups and state-of-the-art technology platforms at the MDC/BIMSB and other research institutions, universities and clinics in Berlin. The MDC/BIMSB will provide access to cluster and GPU compute facilities as well as support with administrative tasks (administrative assistance, 10 hrs/week) during onboarding, and for career development.

We offer funding for 5 years with an option for extension of 4 years upon evaluation. Our attractive start-up package includes your salary (according to the German public salaries, TVöD Bund/Ost), staff of one post-doc, one PhD student, one technical staff employee, annual consumables, start-up investment, and opportunities to recruit centrally funded students from the MDC’s international PhD fellowship programs.

For further information, please visit our website [https://www.mdc-berlin.de/bimsb](https://www.mdc-berlin.de/bimsb). Enquiries about the positions and perspectives should be addressed to Prof. Dr. Nikolaus Rajewsky ([rajewsky@mdc-berlin.de](mailto:rajewsky@mdc-berlin.de)).
The MDC is committed to diversity and actively supports equal opportunities for all employees regardless of their origin, religion, ideology, disability, age or sexual identity. We look forward to applications from people who are open-minded and enjoy working in joint teams. The MDC is certified by the “work and family” audit and provides an inclusive and family friendly environment. Applications from women are explicitly encouraged.

Applications should be uploaded to the MDC application portal (https://application.mdc-berlin.de) by December 2, 2019 including cover letter, curriculum vitae, list of publications, 2-3 names of potential providers of recommendation letters, and an outline of present and future research plans (3-5 pages are recommended). Please submit your application in a single pdf file, maximum size 8 MB.