

The MAX DELBRÜCK CENTER FOR MOLECULAR MEDICINE (MDC) BERLIN-BUCH is inviting applications for the following positions:

Postdoctoral and PhD positions in computational biology

The MDC Berlin-Buch is a member of the Helmholtz Association of National Research Centers. It is dedicated to interdisciplinary research in the areas of Cardiovascular and Metabolic Diseases, Cancer and the Function and Dysfunction of the Nervous System.

Highly motivated candidates with outstanding research potential are invited to apply to join the group of Nikolaus Rajewsky and contribute to starting and ongoing research projects in the following areas:

- Transcriptional networks in stem cell differentiation as part of a collaborative project on 'Fate determination and Maintenance of Muscle Stem Cells' funded by the BMBF
- Transcriptional control in immune cell differentiation, also funded as a collaborative BMBF project
- The role of micro RNA in body weight maintenance embedded in a Clinical research group funded by the DFG
- future projects in micro RNA topics and grants

Successful candidates should have a strong background and interest in high-throughput data analysis and data mining software development. The positions require mathematical and bioinformatic skills to develop and refine algorithms for deep sequencing data analysis and to integrate them with experimental data. Knowledge in transcriptional regulatory networks and model organisms would be beneficial. Candidates will benefit from the highly interdisciplinary and international research environment at the MDC.

The positions are funded according to the German TVöD-System (EO13, 50% for PhD positions and EO13 for Postdocs).

For more information please visit:

http://www.mdc-berlin.de/en/research/research_teams/systems_biology_of_gene_regulatory_elements

Applications should be sent by September 30th 2009, including CV, publications, research interest and other relevant material in one pdf-file to Prof. Nikolaus Rajewsky via email to Alexandra Tschernycheff: tschernycheff@mdc-berlin.de.