

MAX-PLANCK-INSTITUT FÜR BIOPHYSIKALISCHE CHEMIE
KARL-FRIEDRICH-BONHOEFFER-INSTITUT
Quantitative and Computational Biology Group



MPI für biophysikalische Chemie, 37070 Göttingen

To whom it may concern



Dr. Johannes Söding, group leader
Am Faßberg 11 37077 Göttingen
Telefon: (0551) 201-**2890**
Telefax: (0551) 201-2803
E-mail: soeding@mpibpc.mpg.de

Internship Completion Certificate

This is to certify that Mr. Raktim Mitra has successfully completed his DAAD-WISE internship on Identification of disease-associated gene regulatory networks with the Quantitative and Computational Biology group at the Max Planck Institute for Biophysical Chemistry from 6th May, 2018 to 2nd August, 2018.

During his internship, he worked himself into the fundamentals of medical genetics and Bayesian statistics to understand the novel approach developed in our group to discover trans expression quantitative trait loci (trans eQTLs). He designed and implemented very fast and efficient software in python and C to analyse large-scale medical datasets, and tested his software on various large datasets with many hundred patient genotypes and millions of gene expression measurements.

He is very inquisitive, smart, and hard working. He was very quick to get up to speed, and he made very substantial contributions to the project, which greatly exceeded in quality and quantity what I had expected from a student at this stage of studies. It took him only one or two weeks to get a profound understanding of the theoretical approach he was to implement and test and even discovered small bugs within the theory. He is a very good programmer and found problems in the code of a previous student that he took over. His results also turned out to be very reliable. I wish him all the best for his future academic career.

Sincerely,


Johannes Söding