Onat Lab (https://onatlab.com/)
Bezmialem Vakıf University
Institute of Life Sciences and Biotechnology
Yalıköy, 34820, Beykoz/Istanbul

Post-Doctoral Researcher Position in Computational Biology for Gene Discovery in Complex Disorders

Onat Lab is a dynamic and cutting-edge research group focused on unraveling the genetic basis of human diseases and advancing personalized precision medicine. We aim to develop innovative analysis methods and algorithms that leverage next-generation sequencing genomic data to identify disease-causing mutations and genes. Our interdisciplinary approach combines computational biology techniques such as bioinformatics, statistical genomics, network modeling, and machine learning with molecular cytogenetic approaches like homozygosity mapping, linkage analysis, SNP genotyping, and molecular biology techniques. Through the integration of these methodologies, we strive to gain novel insights into human diseases.

At Onat Lab, we foster a collaborative and intellectually stimulating research environment. Our projects are supported by national and international funding sources, enabling us to establish collaborations with leading scientists and renowned laboratories in Europe and the United States. This provides exceptional networking opportunities and exposure to cutting-edge research in the field.

We are looking for exceptionally motivated and inquisitive candidates to join our team for exciting post-doctoral researcher position in the field of Computational Biology. Our research focus centers on gene discovery in complex disorders. As for postdoctoral researchers, we offer competitive salaries and the chance to contribute your expertise and fresh perspectives to our ongoing projects. Join us in advancing our understanding of complex disorders through cutting-edge research in Computational Biology.

Qualifications:

- Basic knowledge in Computer Science, Bioinformatics, Computational Biology, Human Genetics, and Molecular Biology.
- Excellent programming and data visualization skills in Python and R.
- Strongly interested in answering biological questions using computational strategies.

Interested?

Candidates are encouraged to review our lab's website (https://onatlab.com/) and relevant literature to familiarize themselves with our research focus before submitting their applications. Send your CV and a short cover letter (onur.onat@bezmialem.edu.tr).