Bioinformatics Postdoc position at the Azrieli National Centre for Autism and Neurodevelopment Research

We are seeking excellent candidates for a postdoc in bioinformatics at the Azrieli National Centre for Autism and Neurodevelopment Research located at Ben-Gurion University, Beer-Sheva, Israel. The center was established to lead autism research in Israel by building a national autism database that integrates diverse behavioral, clinical, and biological data collected from children with autism and their families. This database is used to support interdisciplinary studies on risk factors, early neurophysiological and behavioral markers, comorbidities, and clinical trials with an effort to translate findings into practical tools for improving diagnosis and treatment of people with autism.

A central component in this database is the analysis of whole-exome sequencing (WES) data collected from children with autism and their parents. These data enable studies regarding the genetic basis of autism and its associated characteristics.

This full-time position will carry the following responsibilities:

- Establish and manage genomics data analysis protocols at the center
- Lead autism genomics studies using data at the center from conceptualization to final publication.
- Provide bioinformatics support and guidance to the center's leadership and researchers.
- Contribute to international collaborations on autism genomics research with leading autism centers in the world.
- Participate in writing research funding proposals.

Required qualifications:

- PhD in Genetics, Bioinformatics or Computer science
- Programing in Python/Matlab/R/Java or similar languages
- Experience with genomics data analysis
- Publication record and experience in writing research proposals in English.
- Ability to work independently.
- Proactive leader, and a team player

The Postdoc will be mentored by Prof. Idan Menashe, the scientific director of the center, and a faculty member at the Public Health Departments at BGU. Please send CV and relevant publications to Prof. Menashe at: idanmen@bgu.ac.il

www.autismisrael.org