RESEARCH INSTITUTE FOR FUNDAMENTAL SCIENCES

Celebrating 60 Years of TÜBİTAK

School on Bioinformatics: Current Developments and Challenges

June 19 - 20 2023, Gebze, TÜRKİYE

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Harvard University, USA

The use of novel mathematical, statistical and computational techniques is of tremendous interest to understand the fundamental principles underlying biological processes as well as the huge amount of currently available biological data. The purpose of the School on Bioinformatics is to bring together early career researchers and motivated students and offer excellent series of specialized lectures, based on fundamentals, statistical and computational methods. The lectures will also address challenging problems in bioinformatics and biomedical research.

Topics Covered

- The Polygenic Nature of Human Traits and Diseases
- Statistics and Biology of Human Mutation
- The Functional Effect of Genetic Changes
- Computational and Statistical Methods of Gene Mapping in Sequencing Studies

Organizer: Alikram Nuhbalaoğlu (Director of TÜBİTAK TBAE)
Deadline for Applications: June 12, 2023

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