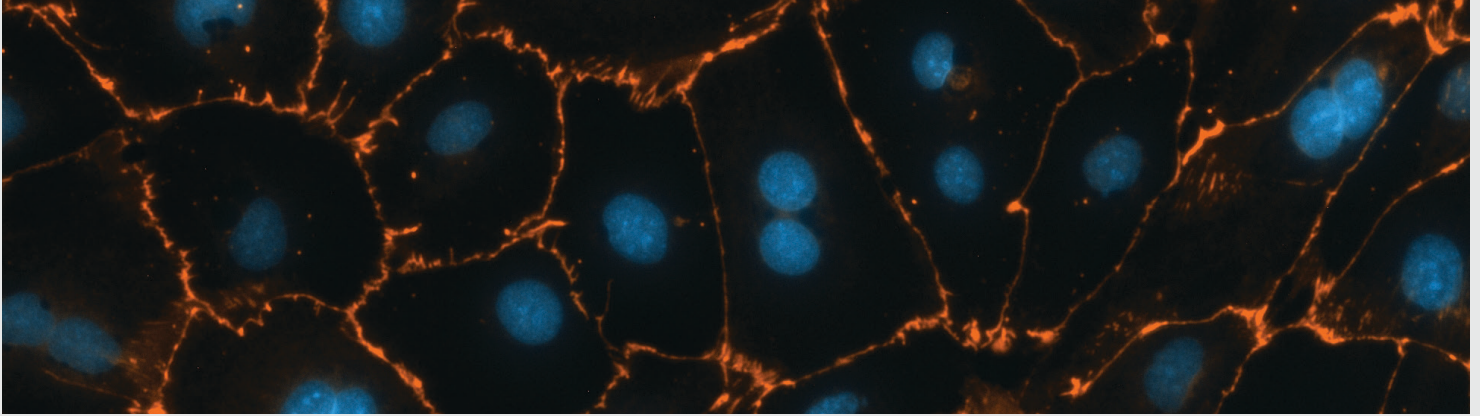


MOLECULAR BIOLOGY, GENETICS AND BIOENGINEERING GRADUATE SCHOOL OF ENGINEERING AND NATURAL SCIENCES GRADUATE PROGRAMS



ABOUT THE PROGRAM

The Molecular Biology, Genetics and Bioengineering program (BIO) aims to develop an integrated scientific perspective on the fundamentals of molecular biology, biochemistry, genetics and cell biology. These topics all rely on a solid background in mathematics, physics, and chemistry. The program also has a biotechnology dimension with courses on the exploitation of biological systems for developing new technologies and industrial applications. We educate future bioengineers who benefit from interdisciplinary undergraduate courses to build an understanding of engineering concepts and techniques. Students learn to apply engineering principles to the re-conceptualization of biological phenomena and are trained to acquire skills for developing new materials and processes, including genetic modification of agriculturally important plants and human cells.

Most of the graduates of the BIO program continue on with graduate education in Turkey and abroad. All of our graduates are equipped with in depth knowledge of modern molecular biology. Our graduates attain research and management positions in industrial and research institutions operating in various areas of the biological sciences and biotechnology.

Research Areas

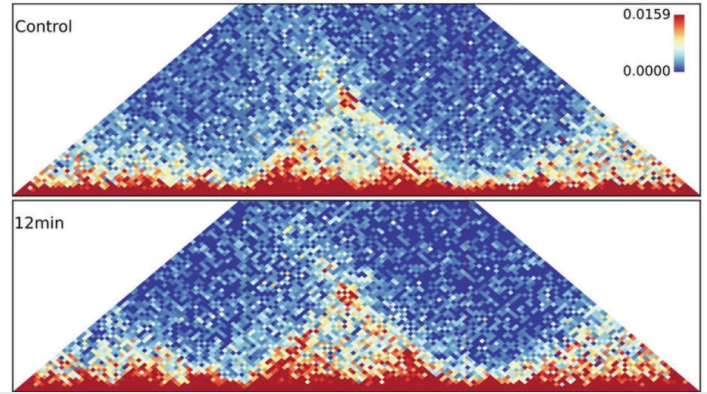
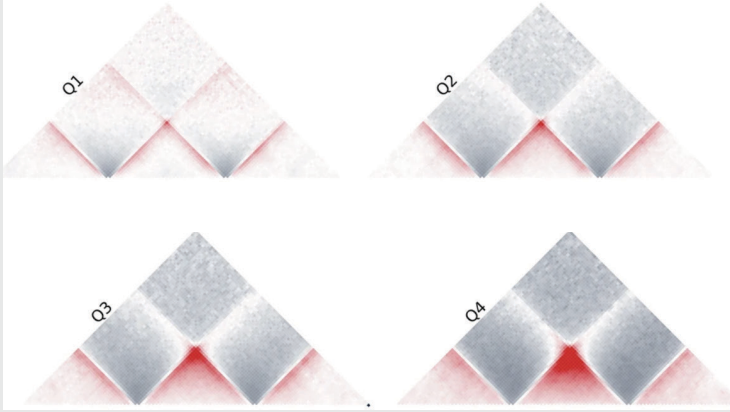
- Bioinformatics
- Molecular and Cellular Biology
- Neurobiology
- Plant Molecular Biology and Genetics
- Plant Nutrition and Physiology
- Structural and Computational Biology
- Tissue Engineering

Faculty Members

- Alex Lyakhovich
- Ali Rıza Umut Şahin
- Duygu Kuzuoğlu Öztürk
- İsmail Çakmak
- Levent Öztürk
- Nur Mustafaoğlu
- Ogün Adebali



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Benefits Provided for Graduate Students

- Full Tuition Waiver
- Monthly Stipend
- Housing/Transportation Support
- Private Health Insurance
- Conference Travel Funding
- Financial Incentives for Project and Research

Application Requirements

- Official Transcript
- Statement of Purpose
- CV
- Two Letters of Recommendation
- ALES / GRE / GAT Score
- English Proficiency Exam Score (TOEFL (IBT) / PTE / CAE / CPE / YDS / e-YDS / YÖKDİL / e-YÖKDİL)

Online Application

admission.sabanciuniv.edu

Contacts

Graduate Coordinator

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For more information

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