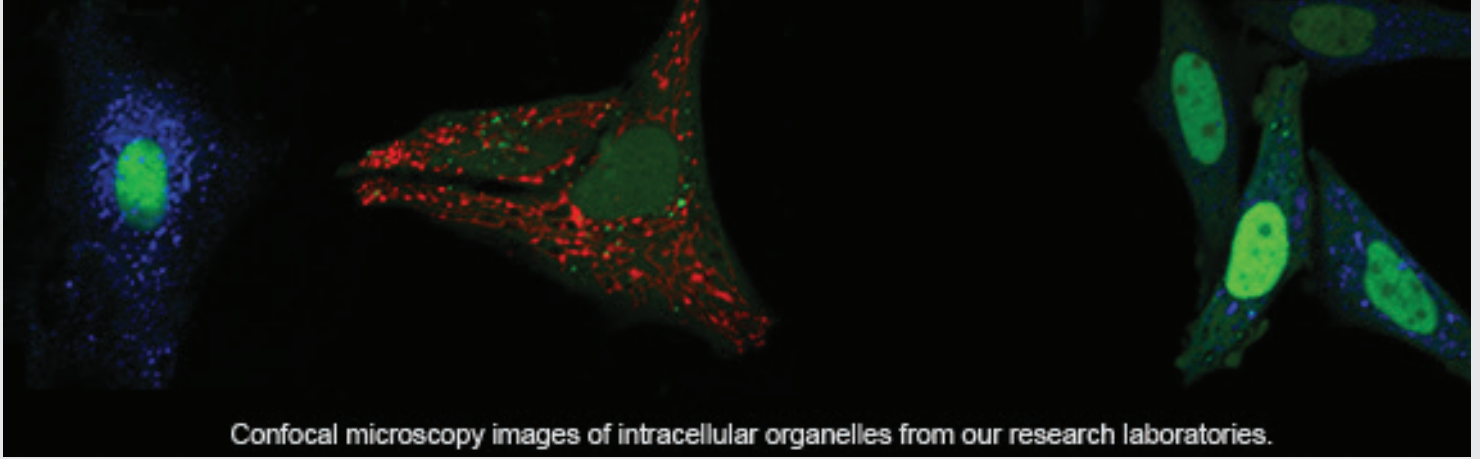


MOLECULAR BIOLOGY, GENETICS AND BIOENGINEERING GRADUATE SCHOOL OF ENGINEERING AND NATURAL SCIENCES GRADUATE PROGRAMS



Confocal microscopy images of intracellular organelles from our research laboratories.

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

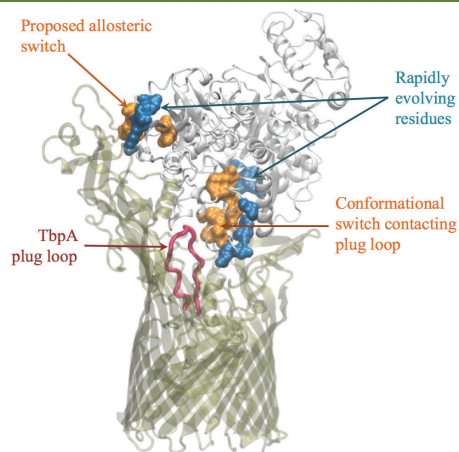
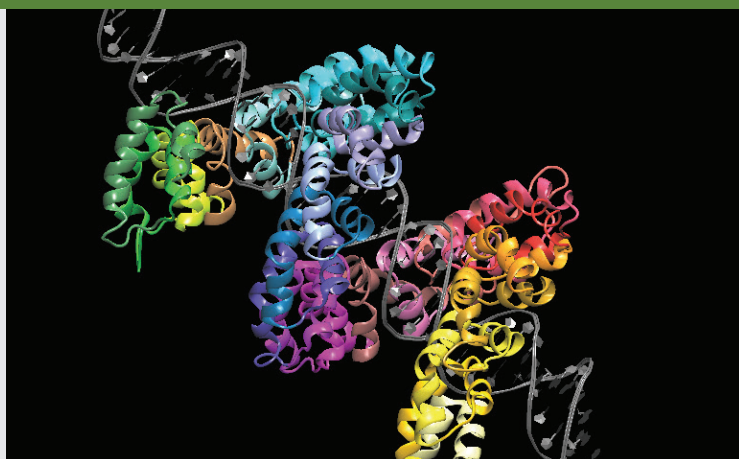
- Bioinformatics
- Molecular and Cellular Biology
- Plant Molecular Biology and Genetics
- Plant Nutrition and Physiology
- Structural and Computational Biology

Faculty Members

- Alex Lyakhovich
- Ali Rana Atılğan
- Canan Atılğan
- Cavit Ağca
- Christopher Mayack
- Hüveyda Başağa
- İsmail Çakmak
- Levent Öztürk
- Nur Mustafaoğlu
- Ogün Adebali
- Öznur Taştan
- Selim Çetiner
- Zehra Sayers



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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
- Two Letters of Recommendation
- ALES or GRE Scores
- English Proficiency Exam
(TOEFL (IBT) or YDS/e-YDS Scores)

Online Application

admission.sabanciuniv.edu

Contacts

Graduate Area Advisor

Ogün Adebali

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For more information

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