

## Our Mission

Our mission is to cultivate individuals in the fields of Molecular Biology and Genetics who are equipped with both theoretical and applied knowledge, have embraced ethical values, aim to generate solutions for the needs of society and industry, and in their scientific endeavors, are inclined towards addressing fundamental issues while also producing novel ideas and products. We prioritize research and development, adopt a project-oriented, multidisciplinary approach, and commit to lifelong learning. Our goal is to nurture expert individuals in the field who are "quality-focused, innovative, and entrepreneurial," and to become a department that emphasizes quality, innovation, and entrepreneurship.



## Our Vision

To instill independent and critical thinking within the framework of universal ethical values.

To cultivate the competence for research, lifelong learning, and generating solutions to societal issues.

Our department's goal is to educate individuals with a young and dynamic faculty, who value freedom, innovation, and sustainability, who embrace institutional culture and the needs of their region, and who are oriented towards quality-focused development. We aim to become a pioneering department in the field, characterized by our innovative, sustainable structure, and to achieve excellence in education.

## Contact Us

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## Department of Molecular Biology and Genetics

- The Department of Molecular Biology and Genetics was established on April 4 2011, within the Faculty of Science at Bartın University.
- The department comprises 6 associate professors, 4 assistant professors and 3 research assistants.





## Research Laboratories

- Cell culture laboratory
- Molecular biology laboratory
- Nanotechnology laboratory
- Synthesis and characterization laboratory
- Biochemistry and recombinant protein engineering laboratory

## Student Laboratories

- Microscope laboratory
- Microbiology laboratory
- Molecular biology laboratory

In our laboratories, comprehensive molecular biology and genetic research can be conducted using the main equipment such as fluorescent attachment microscopes, western blot devices and 2D electrophoresis systems.

-Our mission is to be a “quality-focused, innovative and entrepreneurial” department.

## Graduates of the Department of Molecular Biology and Genetics can pursue various career paths, including:

- Researcher or academic positions in domestic and international universities, institutes, and research centers.
    - Positions in research and development departments of health, pharmacy, agriculture, food, and pharmaceutical industries.
  - Roles in clinical research and sales units.
  - Work in medical analysis units of hospitals or private laboratories.
  - Employment in institutions or companies engaged in biotechnological research.
  - Involvement in the production and quality control of biological products such as vaccines, drugs, and serums, along with management of these facilities.
  - Positions in forensic science and criminology laboratories.
  - Opportunities in the fields of food, agriculture, livestock, environment, health sectors, and related ministry departments, as well as working as health professionals.
- The graduates have a wide range of career options spanning various sectors and industries, making use of their education and skills in molecular biology and genetics.



- Every year, a poster exhibition for the final year students' theses is organized during the second semester.

## Educational Mobility and Clubs

- Erasmus (We have agreements with Sweden, Poland, Portugal, and Italy.)
- Mevlana
- Farabi
- Scientific Research Club

