



# İSTANBUL AYDIN UNIVERSITY

## VOCATIONAL SCHOOL OF HEALTH SERVICES E-BULLETIN



OCTOBER 2025



# VOCATIONAL SCHOOL OF HEALTH SERVICES

**T.R.**

**İSTANBUL AYDIN UNIVERSITY  
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# VOCATIONAL SCHOOL OF HEALTH SERVICES

## PROGRAMS

- **ORAL AND DENTAL HEALTH**
- **OPERATING ROOM SERVICES**
- **ANESTHESIA**
- **DENTAL PROSTHESIS TECHNOLOGY**
- **DIALYSIS**
- **PHARMACY SERVICES**
- **ELECTRONEUROPHYSIOLOGY**
- **PHYSIOTHERAPY**
- **FIRST AND EMERGENCY AID**
- **AUDIOMETRY**
- **OPTICIANS**
- **ORTHOPEDIC PROSTHETICS AND ORTHOTICS**
- **PATHOLOGY LABORATORY TECHNIQUES**
- **PERFUSION TECHNIQUES**
- **RADIOTHERAPY**
- **SOCIAL SERVICES**
- **MEDICAL DOCUMENTATION AND SECRETARIAL**
- **MEDICAL IMAGING TECHNIQUES**
- **MEDICAL LABORATORY TECHNIQUES**



## VOCATIONAL SCHOOL OF HEALTH SERVICES

### The 2025–2026 Academic Year Opening Ceremony Was Held with Great Enthusiasm

The Opening Ceremony of the 2025–2026 Academic Year at Istanbul Aydın University was held with great enthusiasm and high participation on October 28, 2025, with the attendance of the Minister of National Education, Mr. Yusuf TEKİN.

The ceremony was attended by the university administration, academic and administrative staff, and many students. In the opening speeches, the vision of providing high-quality education, conducting scientific research, and serving the community was emphasized. The event concluded with a meaningful ceremony that reflected the excitement of the new academic year and the spirit of unity.





## VOCATIONAL SCHOOL OF HEALTH SERVICES

### **MEDEK Accreditation Commission Meeting**

The Accreditation Commission Meeting was held with the participation of the members of the Vocational School of Health Services Accreditation Board. The meeting was attended by the program heads and faculty members of the Operating Room Services, First and Emergency Aid, Pathology Laboratory Techniques, and Medical Laboratory Techniques programs. During the meeting, the final preparations for the MEDEK Accreditation Audit were discussed, and opinions were exchanged regarding curriculum updates, assessment and evaluation practices, and continuous improvement processes.





# OPERATING ROOM SERVICES PROGRAM

## **Operating Room Services Program External Stakeholder Meeting 2025**

The External Stakeholder Meeting of the Operating Room Services Program at Istanbul Aydın University Vocational School of Health Services was held face-to-face on October 7, 2025, with the aim of strengthening the collaboration between the program's educational processes and the university hospital. In addition to the program's academic staff, hospital administrators and the student representative attended the meeting. During the discussions, the alignment of the program curriculum with sectoral requirements, the effectiveness of clinical practice areas, and the enhancement of graduate competencies were addressed.





# OPERATING ROOM SERVICES PROGRAM

## Webinar on the Prevention of Contaminated Sharp Injuries

The event titled “Prevention of Contaminated Sharp Instrument Injuries”, organized online on October 21, 2025, by the Operating Room Services Program of Istanbul Aydın University Vocational School of Health Services, aimed to raise awareness about occupational safety among healthcare professionals. The webinar was moderated by Lecturer Zeliha Okur, and the speaker, Specialist Nurse Sena Demir from Acıbadem Fulya Hospital Infection Control Unit, shared valuable information on the causes of sharp injuries one of the most common occupational accidents among healthcare workers protection methods, and the precautions that must be taken in terms of infection control. Demir also raised awareness by presenting example cases and emphasizing the critical points that operating room personnel should pay particular attention to.

İSTANBUL AYDIN UNİVERSİTESİ 25. YIL SAĞLIK HİZMETLERİ MESLEK YÜKSEK OKULU

Ameliyathane Hizmetleri Programı

**Kirlı Delıcı Kesıcı Alet Yaralanmalarının Önlenmesi**

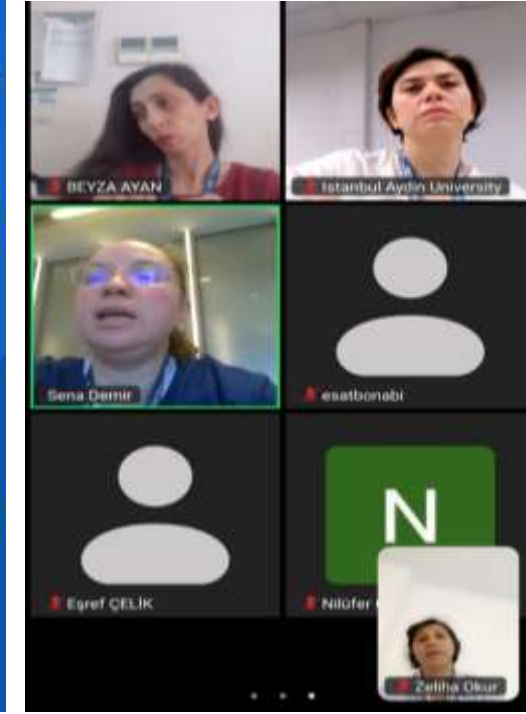
**ÖZEL KONUŞMACI**  
Uzm. Hem. **Sena DEMİR**  
Acıbadem Fulya Hastanesi, Enfeksiyon Kontrol Birimi

**MODERATÖR**  
Öğr. Gör. **Zeliha OKUR**  
Program Başkanı

**CANLI ETKİNLİK**

Tarih: 21 Ekim 2025 Saat: 13.00-14.00

Zoom ID : 88277684192  
Parola : 4441428





# FIRST AND EMERGENCY AİD PROGRAM

## IAU Clubs Union Festival

The First Aid Club, established by the students of the First and Emergency Aid Program, successfully represented and introduced their club during the club promotion event.





# ORTHOPEDIC PROSTHETICS AND ORTHOTICS PROGRAM

## Book Chapter

The chapter titled “Socket Fabrication with CAD-CAM and Three-Dimensional Printer Technology” authored by Lecturer Ayşe YAZGAN has been published in the book “Special Topics in Orthotics and Prosthetics.”





# ORTHOPEDIC PROSTHETICS AND ORTHOTICS PROGRAM

## Seminar on Assessment Methods in Upper Extremity Amputations

Lecturer Ayşe YAZGAN participated as a speaker in the event titled “Assessment Methods in Upper Extremity Amputations,” held at Istanbul Medipol University on October 27, 2025.





# PATHOLOGY LABORATORY TECHNIQUES PROGRAM

## IAU Clubs Union Festival

As part of the IAU Clubs Union Festival held on our campus between October 1–3, the booths where students from various clubs were on duty were visited by Lecturer Beyza AYAN and Pathology Technician Ecem YÜKSEL, who attended to share in the students' excitement and exchange ideas.

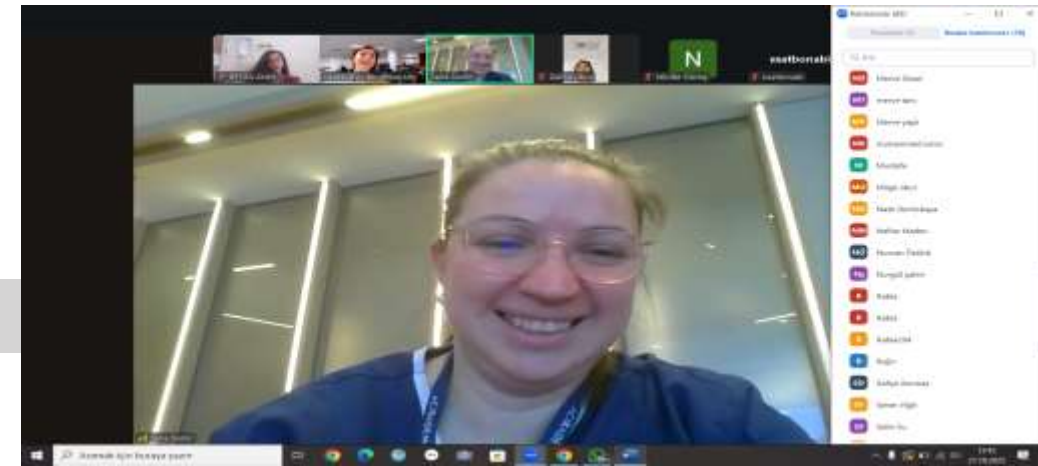




# PATHOLOGY LABORATORY TECHNIQUES PROGRAM

## Webinar on the Prevention of Contaminated Sharp Injuries

The academic staff and students of the Pathology Laboratory Techniques Program participated in the webinar titled “Prevention of Contaminated Sharp Instrument Injuries” organized by the Operating Room Services Program in October. Through the webinar, they gained practical insights into the precautions that must be taken against potential accidents that may occur in all surgical and laboratory units, supported by real field experiences.





# PATHOLOGY LABORATORY TECHNIQUES PROGRAM

## Academic Achievement from Our Alumna

We are pleased to share that Ecem Yüksel, our former graduate and the technician responsible for our Pathology Laboratory, has successfully completed her master's degree in the Health Management Program at our University by defending her thesis.





# PATHOLOGY LABORATORY TECHNIQUES PROGRAM

## External Stakeholder Meeting (Bursa Visit)

During September, Lecturer Beyza AYAN from the Pathology Laboratory Techniques Program held a meeting with the team from the Department of Medical Pathology at Bursa Uludağ University Faculty of Medicine. Before the meeting with Lecturer Selva KABUL and Chief Medical Pathology Technician Züleyha SARIKAYA, a laboratory tour was conducted. During the meeting, expectations from pathology technicians in the field, priority expectations in training macroscopy technicians, course curricula related to laboratory safety, and general course content evaluations were discussed. The fact that the esteemed instructors participating in the meeting teach Pathology and other laboratory courses in the Medical Laboratory Techniques Program at Bursa Uludağ University and actively work in the clinic increased the productivity of the meeting. An exchange of information regarding course content was carried out between the two schools.





# PATHOLOGY LABORATORY TECHNIQUES PROGRAM

## Peer Learning in the World of the Microscope

First-year students of the Pathology Laboratory Technician Program came together with students from the Nursing Department after learning how to use the microscope. Following the Nursing Department students' theoretical instruction on microscopy, the technician-candidate students provided explanations and hands-on practice at the microscope. Thanks to this peer-learning activity between the two departments, students improved their practical skills. In addition, the event fostered connection and collaboration between the departments.





# SOCIAL SERVICES PROGRAM

## Conference Presentation

Lecturer Güler Deymencioğlu delivered a presentation titled “Erosion of Medical Authority in the Context of Neoliberal Governmentality” at the XI. International Congress on Global Practice of Multidisciplinary Scientific Studies, held in Munich between October 13–17, 2025.





# MEDICAL LABORATORY TECHNIQUES PROGRAM

## Medical Laboratory Techniques Students Took an Active Role in the Clubs Union Festival

The Clubs Union Festival and Student Clubs Booth Week, organized every Fall and Spring semester by the Istanbul Aydın University Clubs Union, was held this year between October 1–3. The event attracted significant interest from students across various academic units of the University, providing clubs with the opportunity to present their activities and welcome new members. Students of the Medical Laboratory Techniques Program also took an active part in the festival, enjoyed the event, and participated in club activities.





# MEDICAL LABORATORY TECHNIQUES PROGRAM

## **Erasmus Mobility of the Medical Laboratory Techniques Program Faculty Member**

Dr. Lecturer Negar Taghavi Pourianazar, a faculty member of the Medical Laboratory Techniques Program, carried out academic activities at Stanisław Staszic State University of Applied Sciences in Piła (Poland) between October 6–10, 2025, within the scope of the Erasmus+ Teaching Mobility program. During the mobility period, she delivered courses in the fields of biotechnology and molecular biology and participated in academic meetings aimed at enhancing collaborative research and educational partnerships. This mobility has strengthened the academic interaction between the two institutions and made significant contributions to international knowledge and experience exchange.





# MEDICAL LABORATORY TECHNIQUES PROGRAM

## Dr.Lecturer Ece Özdemir Babavatan Attended the 2209-A Project Information Meeting

Dr.Lecturer Ece Özdemir Babavatan, a faculty member of the Medical Laboratory Techniques Program, participated in the TÜBİTAK 2209-A University Students Research Projects Support Program Information Meeting, held on October 20, 2025.

During the meeting, students were informed about project application procedures, the scope of the support program, and key considerations in research project development. Her participation provided a valuable contribution to fostering a research culture among our students and encouraging project-based learning within the program.



**TÜBİTAK 2209-A ve 2209-B Bilgilendirme Semineri**  
Tüm öğrencilerimize ve akademisyenlerimize açıktır!

**Bilimle Geleceği İnşa Etmek: TÜBİTAK 2209 Öğrenci Projelerinin Gücü**  
Prof. Dr. Füsün Terzioğlu - Rektör Yardımcısı

**TÜBİTAK 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı**  
EĞİTİMEN: Dr. Öğr. Üyesi Utku Bulut Şimşek - TIPYO ve Tekmer Müdürü

**TÜBİTAK 2209-B Üniversite Öğrencileri Sanayiye Yönelik Araştırma Projeleri Destekçi Programı**  
İrem Ece Akpınar  
TIPYO Proje Koordinatörü

Tarih: **20 Ekim 2025 / 10.00 - 12.00**  
**T BLOK SOSYAL BİLİMLER KAMPÜSÜ - MOR SALON**

Araştırma yapmak isteyen tüm öğrencilerimiz için kaçırmayacak bir fırsat!



# MEDICAL LABORATORY TECHNIQUES PROGRAM

## TÜBİTAK 1002-A Project Accepted

The project prepared under the supervision of Dr. Lecturer Negar Taghavi Pourianazar, a faculty member of the Medical Laboratory Techniques Program at Istanbul Aydın University, has been awarded support within the scope of the TÜBİTAK 1002-A Rapid Support Program.

The project, titled “*Investigation of the Effects of the Pmepa1 Gene on Ferroptosis in Head and Neck Squamous Cell Carcinoma,*” will be conducted over a period of one year with a budget of 100,000 TL. Dr. Lecturer Narin Abdullah serves as a researcher in the project, while Prof. Dr. Ömer Faruk Bayrak contributes as an advisor. We congratulate our faculty member and the project team on this significant achievement and wish them continued success in their scientific endeavors.

The poster features the Istanbul Aydın University logo on the left, the '22. Yılı' (22nd Anniversary) logo in the center, and the TÜBİTAK logo on the right. The main text reads 'TÜBİTAK 1002 A projemiz kabul edildi.' Below this, the project name is listed: 'Proje Adı: Baş Ve Boyun Skuamöz Hücreli Karsinomunda Pmepa1 Geninin Ferroptoz Üzerindeki Etkilerinin Araştırılması'. The project duration is 'Proje süresi: 1 yıl' and the budget is 'Bütçe: 100.000 TL'. Three circular portraits are shown at the bottom, each with a caption: 'Proje Yürütücüsü: Dr. Öğr. Üyesi Negar TAGHAVI POURIANAZAR', 'Araştırmacı: Dr. Öğr. Üyesi Narin ABDULLAH', and 'Danışman: Prof. Dr. Ömer Faruk BAYRAK'.

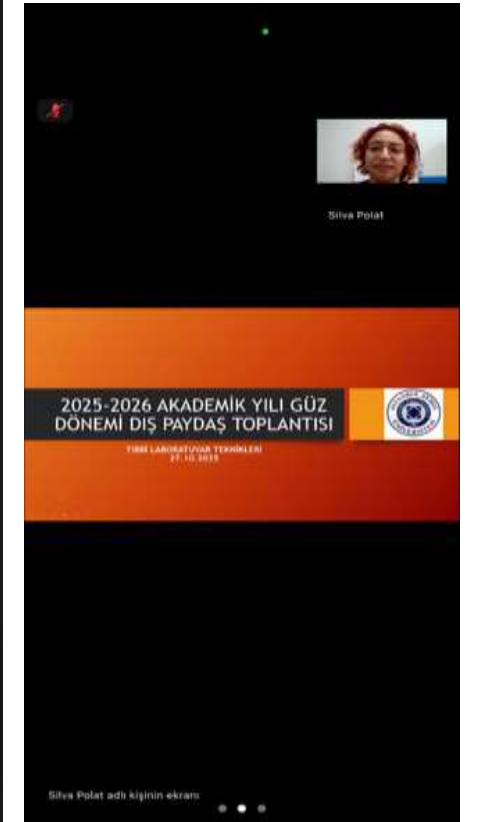
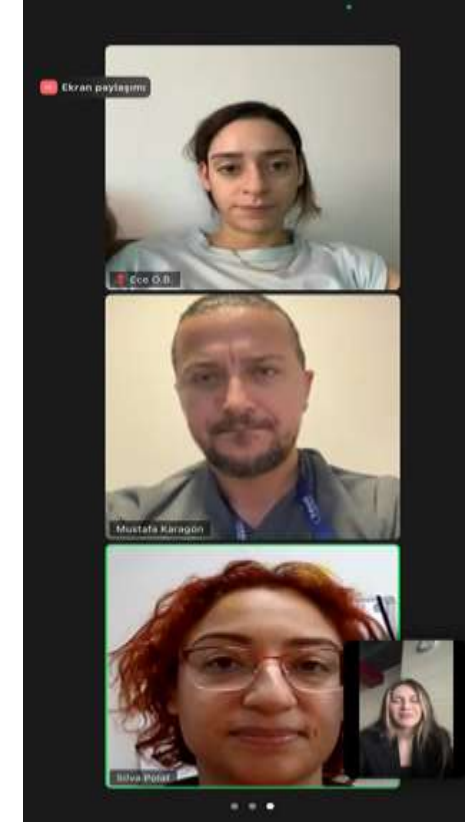


# MEDICAL LABORATORY TECHNIQUES PROGRAM

## Medical Laboratory Techniques Program 2025–2026 Fall Semester External Stakeholder Meeting Held

The 2025–2026 Fall Semester External Stakeholder Meeting of the Medical Laboratory Techniques Program was held online on October 27, 2025, with the participation of our graduate and external stakeholder, Mustafa Karagön.

The faculty members of the program also attended the meeting, during which the recent curriculum updates, the strengthening of alumni–student relations, the enhancement of sectoral collaborations, and feedback regarding the educational process were discussed. Such meetings contribute significantly to the program’s continuous improvement efforts and provide valuable guidance for the professional development of our students.







# AUDIOMETRY PROGRAM

## Article

The research article titled “Unveiling the Interplay of EBV, HSV-1, and Inflammatory Biomarkers in Psychiatric Disorders”, authored by Lecturer Gülçin Şenyiğit from our University, has been published in the international Journal of Clinical Medicine.



*Article*

### Unveiling the Interplay of EBV, HSV-1, and Inflammatory Biomarkers in Psychiatric Disorders

Özge Akpıl <sup>1,\*</sup>, Ömer Faruk Demirel <sup>2</sup>, İlker Tosun <sup>3</sup>, Yasin Kavda <sup>4</sup>, Mehmet Murat Kirpınar <sup>5</sup>, Barcu Sarpınar <sup>6</sup>, Gülçin Şenyiğit <sup>7</sup>, Beyhan Çalişkan <sup>8</sup> and Yaşar Ali Öner <sup>9</sup>

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<sup>2</sup> Department of Psychiatry, Gaziantep Faculty of Medicine, Istanbul University—Gaziantep, 34099 Istanbul, Turkey; ofdemirel@ihsu.com.tr (O.F.D.); yaskavda@ihsu.com.tr (Y.K.)  
<sup>3</sup> msa@kaynarika@gmail.com (M.S.K.)  
<sup>4</sup> Teva Health Ltd., Cambridge CB1 3QH, UK; ilker@teva.com (I.T.)  
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<sup>6</sup> Vocational School of Health Services, Istanbul Aydın University, 34299 Istanbul, Turkey; gulyenyigit@aydinaydin.edu.tr (G.Ş.)  
<sup>7</sup> Department of Medical Microbiology, Faculty of Medicine, Samsun University, 55000 Samsun, Turkey; myfarukozkan@ihsu.com.tr (M.F.O.)  
<sup>8</sup> Correspondence: akpgece@ihsu.com.tr

**Abstract**

**Background/** Objectives: Schizophrenia (SCH), bipolar disorder (BPD), and major depressive disorder (MDD) are increasingly viewed as neuroimmune disorders shaped by viral exposure and inflammation. Disorder-specific immunobiological profiles, however, re-



# MEDICAL LABORATORY TECHNIQUES PROGRAM

## Article

The research article titled “Identifying the Therapeutic Role of CD90 as a Key Player in Cancer Treatment for Aggressive Tumours”, authored by Dr. Lecturer N. Taghavi Pourianazar from our University, has been published in the international Journal of Taibah University for Science.



### Identifying the Therapeutic Role of CD90 as a Key Player in Cancer Treatment for Aggressive Tumors

Didem Seven<sup>1a</sup>, Negar Taghavi Pourianazar<sup>1a</sup>, Nur Ekimci Gurcan<sup>2</sup>, Utku Ozbey<sup>2</sup>, Mesut Sahin<sup>3</sup>, Ayşegül Cinar Kuskucu<sup>1</sup>, Seha Akduman<sup>4</sup>, Emre Can Tuysuz<sup>2</sup>, Dilek Telci<sup>2</sup>, Omer Faruk Bayrak<sup>1\*</sup>

<sup>1</sup> Department of Medical Genetics, School of Medicine, Yeditepe University, İstanbul, 34755, Turkey

<sup>2</sup> Genetics and Bioengineering Department, Faculty of Engineering, Yeditepe University, İstanbul, 34755, Turkey

<sup>3</sup> Department of Nanoscience and Nanoengineering, Institute of Science, Ataturk University, 25240, Erzurum, Turkey.

<sup>4</sup> Department of Chest Diseases, School of Medicine, Yeditepe University, İstanbul, 34755, Turkey

<sup>a</sup> Didem Seven and Negar Taghavi Pourianazar share first co-authorship





# COMMUNICATION

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Beşyol Neighborhood, İnönü Street, No: 38

G Block, Vocational School of Health Services

Sefaköy–Küçükçekmece / İSTANBUL,

TÜRKİYE

E-mail: [info@aydin.edu.tr](mailto:info@aydin.edu.tr)

