

## **ORAL CANCER RISK: MORE COMMON IN MEN!**

Oral cancer, a type of mucosal cancer that usually occurs in the lower lip, mouth and tongue, has recently become widespread. Dr. Semih Tanriverdi, a specialist radiologist, made statements about oral cancer, which has symptoms such as mouth sores, white or red spots, bad breath, difficulty chewing and weight loss.

### **“ORAL CANCER IS TWICE AS COMMON IN MEN”**

Istanbul Gelisim University Dental Hospital Radiology Specialist Dr. Semih Tanriverdi stated that oral cancer often occurs behind the lower lip, mouth, tongue, tonsils and salivary glands. “Oral cancers are mostly caused by multilayered flat epithelial cells and are one of the most common cancers in the head and neck region. It is twice as common in men as in women. That's why regular doctor and dentist examinations are vital for early diagnosis.”

Stressing that tobacco and alcohol use are the most important factors that increase the risk of oral cancer, Tanriverdi also said, “90% of oral cancer cases are seen in people who smoke and use other tobacco products. When alcohol habit is added, the risk increases even more. Alcohol consumption also directly increases the risk of oral cancer. Therefore, as the amount of alcohol consumption increases, the risk increases. Other risk factors as sunlight, family history of cancer and chronic wounds.”

### **DO NOT IGNORE THE SYMPTOMS!**

Early signs of oral cancer are often ignored. Dr. Tanriverdi noted that symptoms such as sores in the mouth, white, red or mixed spots on the lip, tongue or floor of the mouth are important stimuli. Stating that white spots are called "leukoplakia" and red spots are called "erythroplakia", Tanriverdi emphasized that red spots have a higher risk of cancer. He also pointed out that if symptoms such as bad breath, difficulty chewing and weight loss are noticed, a specialist should be consulted immediately and that early diagnosis will facilitate the treatment process.

### **WAYS TO PREVENT CANCER**

IGU Dental Hospital Radiology Specialist Dr. Semih Tanriverdi stated that it is vital to avoid smoking and alcohol use in order to prevent oral cancer and emphasized that tobacco and alcohol are among the biggest causes of this disease. Stating that regular doctor and dentist checks should not be interrupted to reduce the risk of cancer, Tanriverdi said that early diagnosis facilitates the treatment process and can prevent the progression of the disease. Pointing out that sharp teeth or prosthetic wounds in the mouth can pave the way for cancer, Tanriverdi pointed out the importance of treating such problems without neglecting them. Society should be

more conscious about this issue, Dr. Tanrıverdi underlined that early diagnosis and treatment are life-saving.

## **RES. ASST. EDA TÜRKAY'S PROJECT WINS BEST EDITING AWARD!**

The short film project "Aç Açına", produced by Res. Asst. Eda Türkay, a research assistant at the Department of Radio, Television and Cinema, Faculty of Fine Arts (FFA), Istanbul Gelisim University (İGÜ), left the 11th International Uşak Short Film Festival with the Best Editing award.

The short film project "Aç Açına", produced by Res. Asst. Eda Türkay, won the Best Editing award at the 11th International Uşak Short Film Festival. Türkay thanked Ami Mor, who edited the film and ensured that the film was deemed worthy of this award.

"Aç Açına", which was screened at the 11th International Uşak Short Film Festival, received positive reactions from the audience. Res. Asst. Eda Türkay, who attended the screening and award ceremony with the film's director Ahmet Toğaç, stated that they were very happy to have worked with Ami Mor on "Aç Açına", which won the Best Editing award according to the jury's evaluation.

## **"AYRILIKLAR DA SEVDAYA DAHİL" PSYCHOLOGY SUMMIT WAS HELD AT IGU!**

Organized in cooperation with Istanbul Gelisim University and Istanbul Psychotherapy Academy- Gençpsider Platform, the 'Ayrılıklar Da Sevdaya Dahil (Separations Also Included in Love)' Psychology Summit discussed deep and meaningful psychological issues about human beings. At the summit, themes such as separation, attachment and individualization were discussed in detail with the contributions of experts in their fields.

The opening speeches of the summit were carried out by the Dean of Istanbul Gelisim University Faculty of Economics, Administrative and Social Sciences Prof. Kenan Aydın and Psychology Department Head Asst.Prof. Bülent Tansel. At the opening, attention was drawn to the importance of such activities in terms of understanding and improving the psychological processes of individuals.

## **STUNNING PRESENTATIONS FROM EXPERT SPEAKERS**

Within the scope of the event, many significant speakers presented different approaches to separation and attachment processes:

Clinical Psychologist Dr. Onur Erken discussed the effects of early experiences on romantic relationships in his speech titled "In the Shadow of Childhood Experiences: Love, Attachment and Separation".

Clinical Psychologist Şiyar Parlak examined the psychological effects of attachment styles on individuals in depth with his presentation "Anxious Attachment".

Clinical Psychologist Dr. Nurhan Naz discussed the process of individuation and the role of separation in this process in her presentation titled "Growing with Separation: The Second Individualization Concept of Blos".

Dr. Volkan Demir, in his speech "Mother Image and Creative Process: The Healing Effect of Art Therapy", associated the effects of art therapy on emotional healing with creative processes.

Clinical Psychologist Dr. Enes Kaya focused on the final and inevitable dimensions of the concept of separation with his presentation titled "Irreversible Separations".

The summit, which was held with the participation of many students and experts interested in the field of psychology, offered participants the opportunity to evaluate the separation and attachment processes from different perspectives.

The event increased the psychological awareness of the participants by once again revealing the significance of addressing a universal emotion such as separation with its individual and social aspects.

## **TTO AND TEKMER DIRECTORS OF UNIVERSITIES IN ISTANBUL MET AT IGU**

Istanbul Gelisim University (IGU) hosted the Technology Transfer Office (TTO) and TEKMER Directors of universities in Istanbul. The third meeting, which was previously held at Bezmialem Foundation University, was hosted by IGU this time. IGU Rector Prof. Bahri Şahin, Vice Rector Prof. Necmettin Maraşlı, IGU TTO Director Yahya Kemal Kiran, BAP-K Coordinator Asst. Prof. Serap Yeşilkır Baydar and IGU TEKMER Director Hande Ceylan Dayan attended to the meeting.

The meeting was organized in order to strengthen the cooperation of universities in Istanbul and to improve the common working ground in the fields of technology transfer and entrepreneurship. In the event, which started with the presentation of IGU TTO Manager, important exchanges of views on support and information sharing were held between the participants.

One of the most important items of the agenda was the strategies to increase the sharing of knowledge and experience between TTO and TEKMERs. Participants discussed common steps that can be taken to strengthen universities' technology transfer and entrepreneurial ecosystems. Suggestions such as organizing training programs especially for entrepreneur candidates, developing joint projects and strengthening inter-university support mechanisms were presented.

## A JOINT WORKSHOP IS PLANNED

While various strategies for TTO and TEKMER to establish closer cooperation with the business world and entrepreneurs were discussed at the meeting, it was decided to organize a joint workshop at the next meeting.

At the end of the meeting, it was emphasized that the meetings held on this subject played an important role in strengthening Istanbul's technology and entrepreneurship ecosystem. It was also stated that such events to be held regularly would constitute an effective model not only at the regional but also at the national level.

This strong cooperation between universities in Istanbul is considered as an important step in rapidly bringing innovations from the academic world to the sector and increasing opportunities in the field of entrepreneurship.

## A VISIT FROM IGU RECTOR PROF. BAHRİ ŞAHİN TO AVCILAR DISTRICT GOVERNOR DR. ORHAN BURHAN!

Istanbul Gelisim University Rector Prof. Bahri Şahin Bahri Şahin and Vice Rector Prof. Necmettin Maraşlı, visited Avcılar District Governor Dr. Orhan Burhan in his office. During the visit, a productive meeting was held between the university and the district administration on joint projects and cooperation opportunities that could be implemented.

At the meeting, projects to support the social and academic development of the district were discussed. While emphasizing the importance of efforts to improve the quality of life of the people of the district, it was also discussed that a strong cooperation bridge should be established between universities and public institutions.

Rector Prof. Bahri Şahin congratulated Dr. Orhan Burhan for his new position. Prof. Şahin stated that Istanbul Gelisim University is always ready to support projects that will add value to the district.

The meeting ended with the determination to strengthen the solidarity between the university and the district administration and to work together in line with common goals in the future.

## IGU'S EVENT THAT INSPIRES THE ŞEHİT MELİH SANCAR SECONDARY SCHOOL STUDENTS

Istanbul Gelisim University (IGU) Technology Transfer Office (TTO) hosted a meaningful event on December 24, 2024, offering students and teachers of Şehit

Melih Sancar Secondary School the opportunity to experience science and technology. A total of 26 students and 2 teachers participated in the program held in the Tower Campus.

The event was organized in order for students to get to know university life, discover the culture of innovation and inspire their goals for the future. The Drone Application Training given by Lect. Ahmet Bikiç provided students with both theoretical and practical information. Thanks to this training, students had the opportunity to get to know drone systems, one of the most significant technologies of the future.

In another stage of the activity, students had the opportunity to ask questions by examining innovative projects in IGU Technology Transfer Office (TTO) laboratories accompanied by guidance teachers. The university's R&D-oriented projects aimed to instill the importance of innovation in young minds and encourage scientific thinking.

IGU TTO officials stated that such organizations are of great value in terms of making young people love science and introducing technology. The university emphasized that it will continue to attach importance to social responsibility projects with the vision of raising future leaders.

## **GOLD PRICES AT HISTORIC PEAK: GEOPOLITICAL RISKS PLAY DECISIVE ROLE**

Accumulators and investors who closely follow gold prices are wondering how long the fluctuations in the market will last. Explaining the subject, Assoc. Prof. Hakan Yıldırım said that the biggest reason for the changes in gold prices is global developments.

Istanbul Gelişim University Lecturer Assoc. Prof. Hakan Yıldırım stated that global economic and geopolitical factors are decisive in these movements. The 52-week exchange interval of gold was between 1,984.3-2,790.41 dollars, and that the increasing geopolitical risks, particularly in 2024, were effective in reaching historical peaks in gold prices.

Gold prices have strengthened with the Russia-Ukraine war, increasing uncertainties in the Middle East and the fluctuations brought by the US elections, Yıldırım also added, "Ounces of gold are priced at \$2,617 in recent days. The removal of US election uncertainty and the Fed's reduction in interest rates from July have created a mixed picture in price movements. " Emphasizing that this situation has caused gold

prices to follow a horizontal course in the recent period, Assoc. Prof. Yildirim stated that the ounce gold price can test \$2,676 in the short term according to market forecasts, and if this level is exceeded, it can rise to \$2,725.

If the trend shows a downward movement, prices can be pulled to the level of \$2,600. Analysts expect gold prices to be between \$2,421 and \$2,651 in the long term for 2025, and that prices can reach \$3,000 if geopolitical risks continue.

#### DEVELOPMENTS IN THE MIDDLE EAST AND THE US AFFECT GOLD PRICES

Assoc. Prof. Yildirim emphasized that the recent developments in the Middle East and the USA also have a direct impact on gold prices. Stating that growth indicators and unemployment rates in the US economy shape the Fed's interest rate policies, he also said, "In periods of economic stability, while investors turn to riskier assets, this may reduce the value of gold. However, concerns about economic contraction or recession cause gold prices to rise."

Assoc. Prof. Yildirim stated that the uncertainties in the US foreign policy and trade wars affect the value of the dollar, which creates a serious pressure on gold prices. "Since gold is traded in dollars, changes in the value of the dollar directly affect gold prices," Yildirim said, noting that especially the turmoil and uncertainties in the Middle East may also have an effect on increasing gold prices.

#### SAFE HAVEN AGAINST INFLATION: GOLD

Pointing out the critical share of the Middle East in world oil production, Yildirim said, "The instabilities in the region may cause sudden increases in oil prices. While this creates inflationary pressures, it can lead investors to gold as a safe haven. As long as gold continues to be seen as a means of protection against inflation, it can have an uplifting effect on prices."

Assoc. Prof. Yildirim stated that gold will continue to be affected by uncertainties in the short term, but it can continue its upward trend in the long term depending on geopolitical and economic balances.

#### **IV. ELECTRONIC CIRCUITS PROJECT EXHIBITION HAS BEEN OPENED AT IGU!**

Organized with the intensive participation of Istanbul Gelisim University Electrical and Electronics Engineering, Mechatronics Engineering, Electronics Technology and Electrical Program students, IV. Electronic Circuits Project Exhibition brought together technology enthusiasts. The event, where students showcased their creativity and engineering skills, turned into an innovation feast where more than 60 projects were introduced.

The opening speech of the exhibition, which included the projects of the students of Electrical and Electronics Engineering, Mechatronics Engineering, Electronic Technology and Electrical Program, was given by the Vice Rector responsible for R&D Prof. Necmettin Maraşlı and Instructor İzzet Yavuz, who played an important role in the preparation process of the exhibition. After the speeches, Vice Rector Prof. Necmettin Maraşlı presented a plaquet to Lect. İzzet Yavuz.

## RANKED PROJECTS WILL BE COMPETE AT TEKNOFEST

Prof. Necmettin Maraşlı emphasized that the event offers a great opportunity for students: "Such organizations allow our young people to develop their innovative ideas. Our projects in previous exhibitions have achieved significant success in Teknofest and other national competitions. We believe that our new projects will achieve the same success."

Prof. Maraşlı announced that an award-winning project competition for Teknofest will be held within the university soon and that successful projects will be supported by patent processes.

## RIVALRY IN THE TECHNOLOGY RACE

The projects, which were judged by a five-person jury, were awarded gold, silver and bronze medals. The honorable mention awards were given to the teams that stand out with their innovative ideas. The exhibition included many remarkable projects from robotic systems to image processing software, from unmanned aerial and water vehicles to environmentally friendly designs. The exhibition turned into a technology festival not only for students but also for visitors.

### Award winners

#### Gold Medal:

Şahin Team: Abdul Hafiz Al Shaar- UAV Project

Kali Team: Fatma Ceyhan and Gülistan Subaşı- Image Processing Projects.

Aycibin 53 Team: Dursun Aycibin- Vehicle Fatigue Detection System.

#### Silver Medal:

Tech-Sat Team: Model Satellite Project



Bronze Medal:

EYKFEL Team: Yusuf Enes Gültekin- Unmanned Underwater Vehicle

Honorable Mention Rewards:

Team DYNAMOS: Sitting Posture Disorder Detection

MRV Team: Garbage Collecting Ship Project

GESBOARD Team: Solar Powered Cooling System

Team ALTARIA: The Basic Tesla Rocket Project

Ventech Team: Glass Cleaning System

Nature Lovers Team: Forest Fire Extinguishing System

3 VERE Team: Domestic 3D Printer

This year's exhibition has turned into a technology feast with students' creative projects. This event, where innovative ideas competed, revealed the potential of young engineers and enabled both participants and visitors to once again witness the power of engineering and innovation.