



**Istanbul Gelisim
Vocational School**



IGVS

Monthly E-Bulletin

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Dear Young People,

Istanbul Gelişim Vocational School, which started its education life in 2008, started to publish a monthly E-Bulletin as of 2021. We are very happy to bring you the March issue of our e-bulletin and to share with you the developments in our Vocational School. I believe you will enjoy reading our bulletin and I present my greetings and respect with the hope of meeting you in a new issue.

You can follow all the developments in our Vocational School on our social media channels.

Director of IGVS
Assoc. Prof. Mehmet SOYAL



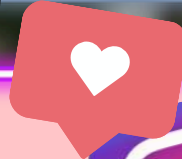
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*IGVS E-Bulletin has been prepared according to the Turkish Higher Education Quality Council (THEQC) criteria.



LEADERSHIP

ACADEMICIANS FROM IGU ARE ON THE "BEST SCIENTISTS" LIST OF THE WORLD AND COUNTRIES!

Research.com, one of the world's leading research and academia portals, has announced the list of the "Best Scientists" of the world and countries. Istanbul Gelisim University academics were shown among the best scientists in Turkey and the world with their degrees in "Engineering and Technology", "Economy and Finance" and "Neuroscience".

Great success in the fields of "Engineering and Technology", "Economics and Finance" and "Neuroscience"!

Istanbul Gelisim University, which is modern, developing, producing and advancing with an understanding of quality education, stands out with its science, technology and R&D studies. According to the list created on the basis of the D-index created for the purpose of measuring, evaluating and monitoring the performance of scientists in terms of scientific productivity. 3 academicians from Istanbul Gelisim University were included in the list of "Best Scientists" with their successful work.

Istanbul Gelisim University Rector Prof. Dr. Bahri Şahin ranked 17th among 47 scientists from Turkey and 4020th in the world in the field of Engineering and Technology.

Prof. Dr. Kemal Sıtkı Türker from IGU Faculty of Dentistry achieved an important success by being 4th among 6 scientists from Turkey and 5870th in the world.

Asst. Prof. Dr. Festus Victor from the Faculty of Economics, Administrative and Social Sciences of IGU was the only scientist from Turkey to be ranked in the field of Economics and Finance, and he was ranked 1183 in the world.



IGU Maintains Its Success in the 2026 Times Higher Education World University Rankings

Istanbul Gelisim University (IGU) has achieved another significant success in the 2026 World University Rankings announced by the international higher education ranking organization Times Higher Education (THE). According to the 2026 results, IGU maintained its position in the 1001–1200 band worldwide, ranking 9th among foundation universities, 16th in Türkiye overall, and 2nd in Turkey in the Research Quality category. In the international visibility category, IGU ranked 6th, right after Bogazici University, strengthening Turkey's position in global higher education with its research strength and international impact capacity.

IGU Stood Out with Its Research Strength in THE 2026 Rankings



The infographic features the Istanbul Gelisim University logo and the THE World University Rankings 2026 logo. It highlights the following achievements: 2026 THE WORLD UNIVERSITY RANKINGS ANNOUNCED! IGU is ranked in the 1001–1200 band in the global rankings. IGU is ranked 9th among foundation universities, 16th in Türkiye, and 2nd in Türkiye in Research Quality. The background is dark blue with gold stars.

This year, the Times Higher Education 2026 World University Rankings evaluated 2,191 universities from 115 countries, including 137 universities from Türkiye.

In line with its vision of becoming a "Research University," Istanbul Gelisim University has achieved a lasting momentum globally in recent years through investments in research infrastructure, qualified human resources, and international projects. This determined progress was once again confirmed by the university's stable position in the 1001–1200 band.

According to THE 2026 results, IGU ranked 16th overall in Türkiye, 9th among foundation universities, and 2nd in the Research Quality category. In the international visibility category, IGU ranked 6th, just after Bogazici University. These results once again highlight IGU's strengthening position not only at the national level but also in the global higher education arena.



"We Do Not Compromise on Our Goal of Academic Excellence"

IGU Rector Prof. Bahri Şahin made the following statement regarding the THE 2026 results:

"Maintaining our place in the 1001–1200 band in the Times Higher Education 2026 World University Rankings, ranking 9th among foundation universities, 16th overall in Türkiye, and 2nd in Research Quality, is a reflection of our strong academic structure based on scientific output. This success is the result of our sustainable research policies, internationalization strategies, and the collective efforts of our qualified academic staff. As Istanbul Gelisim University, we not only take part in the field of higher education but also contribute to global science by producing high-impact scientific outputs with strong research quality.

Our goal is to further increase our research capacity, move beyond this band, and strengthen Turkey's global representation in world university rankings. With the dedicated efforts of our academic staff, the scientific curiosity of our students, and the support of our stakeholders, we are moving confidently toward this goal. I thank all our academics, administrative staff, and students who contributed to this achievement."

Research Power Rising with a Global Vision

Istanbul Gelisim University does not limit its research ecosystem to scientific production alone; it supports it with industry collaborations, innovative projects, and global funding sources to increase Türkiye's international visibility and expand its scientific impact.

IGU Ranked in the 401-500 Band in THE Interdisciplinary Science Rankings 2026

Istanbul Gelisim University (IGU) has achieved a significant success by placing in the 401–500 band in the Interdisciplinary Science Rankings 2026, prepared by Times Higher Education (THE) in collaboration with the Schmidt Science Fellows. In the 2026 results announced for the field of Interdisciplinary Science, 911 universities from 94 countries were evaluated, and 82 universities from Türkiye succeeded in entering the list. Istanbul Gelisim University, evaluated for the first time this year, attracted global attention with its performance in interdisciplinary research output, publication quality, scientific impact, and international collaborations.

IGU's THE Success Trend Continues to Rise

The ranking in the 401–500 band in the field of Interdisciplinary Science is a new indicator of Istanbul Gelisim University's steady upward trend in THE rankings.

In the previously announced THE World University Rankings 2026 results, IGU was placed in the 1001–1200 band, drawing attention in international evaluation systems with improvements particularly in research quality, publication impact, and international collaborations.

The newly released Interdisciplinary Science results show that the university continues its momentum in scientific production and that its research policies are being recognized globally.

With the Interdisciplinary Science Rankings 2026, IGU has now become a higher education institution listed in all rankings published by THE. This outcome demonstrates that the university's research-oriented vision, academic production capacity, and internationalization strategy are acknowledged on a global scale.



“This Achievement Is a Concrete Result of Our Scientific Productivity”

IGU Rector Prof. Bahri Şahin shared the following remarks regarding the achievement:

“Being ranked in the 401–500 band in the Times Higher Education Interdisciplinary Science Rankings 2026 is a concrete result of our university's scientific productivity and its commitment to an interdisciplinary approach. Being included in the list in this field for the first time shows that we are on the right path within the global academic competition. Every step we take to strengthen our research ecosystem is a strategic gain that enhances our international visibility.

As Istanbul Gelisim University, we advance with a holistic vision that increases our research capacity, strengthens international collaborations, and supports interdisciplinary knowledge production. This approach, which prioritizes scientific efficiency, research quality, and innovative practices, forms the foundation of achieving sustainable academic success on a global scale. I wholeheartedly congratulate our entire academic staff who contributed to this success.”

"We are increasing our competitiveness on a global scale"

Istanbul Gelisim University Rector Prof. Bahri Şahin stated the followings about the achievements of THE World Universities Ranking and THE World Universities Field Ranking: "With our university ranking overall, it is a great source of pride for us to be included in the rankings in the fields of Business and Economics and Social Sciences for the first time this year. This achievement once again reveals our university's research capacity, quality of education and vision of internationalization. Our place in the 501-600 band, which is obtained especially in the Social Sciences category, embodies our goal of increasing the academic power of our university in the field of social sciences and its competitiveness on a global scale. As Istanbul Gelisim University, we will continue to maintain our understanding of excellence in education and research."



"It is a significant indicator that we are on the way to achieving our internationalization goals"

Istanbul Gelisim University's Vice Rector for Quality, Accreditation and Internationalization Prof. Arda Öztürkcan, on the other hand, said the following about THE success rankings:

"It is a pleasure for our university to enter the general ranking in THE World Universities Ranking and then to take part in THE World Universities Field Ranking on top of our success in THE Awards Asia 2025. This success is an important indicator that we are on the way to achieving our quality and internationalization goals in our education and research activities."

The grades obtained by Istanbul Gelisim University in THE rankings proved once again that the university has a competitive structure on a global scale and that it attaches importance to quality standards in the education it offers to its students. The university is determined to continue its work uninterruptedly to continue these achievements in the future.

Istanbul Gelisim University received YÖKAK Corporate Accreditation for 5 years!

Istanbul Gelisim University (IGU) was fully accredited for 5 years as a result of the institutional accreditation evaluation carried out by the Higher Education Quality Board (YÖKAK). After the detailed audit process in December, IGU was entitled to receive accreditation at the highest level with the high standards it has shown in the fields of education, research and development, management system and community service.



**Yükseköğretim
Kalite Kurulu**

**İstanbul Gelişim Üniversitesi,
YÖKAK tarafından
5 yıl süreyle tam akredite edildi!**

Üniversitemiz, eğitim-öğretim, araştırma, yönetim ve topluma hizmet alanlarındaki kalite standartlarını sağlayarak, Yükseköğretim Kalite Kurulu (YÖKAK) tarafından **5 yıl süreyle "Kurumsal Akreditasyon Belgesi" almaya hak kazandı.**



Institutional accreditation is an important process that evaluates whether universities meet the quality standards set in the fields of education, research, management and community service. This rigorous evaluation process carried out by YÖKAK aims to increase the competitiveness of higher education institutions on a national and international scale and to ensure that they establish a transparent and sustainable quality assurance system. Universities that are entitled to receive institutional accreditation prove that they successfully manage quality processes, adopt sustainable development in education and effectively fulfill their mission of adding value to society. Istanbul Gelisim University successfully completed this important process and made its name among the few universities in Türkiye that received full accreditation.

Click [here](#) to access the source of the news.



HISTORY

Istanbul Gelisim Vocational School started education in 2008 with 9 programs and became a school that forms the core of Istanbul Gelisim University. It has shown rapid development since its establishment; it has reached 19 departments, 37 programs and 10,630 students. Evening education is provided in 21 of 37 programs.

Istanbul Gelisim Vocational School continues its educational activities with its experienced and strong academic staff. In addition to the permanent instructors, by employing the leading names of the sector part-time, the students are given the opportunity to learn their practical experience in business life.

Istanbul Gelisim Vocational School, which has moved to its new campus as of the Fall Term of the 2017-2018 Academic Year, has a total of 22 workshops, including Aircraft Maintenance Workshops, Mock-Up, Kitchen, Electric, Construction, Automotive, Serigraphy, Ceramics and Fashion workshops, in its new campus so that students can apply their theoretical education practically. Besides it offers a field of application with 7 Computer Labs, one of which is MAC.

Our School's Aircraft Technology Program has the Recognized School Approval Certificate from the General Directorate of Civil Aviation (SHGM) as well as the Flight Operations Specialist Training (Dispatcher) Authorization Certificate from the DGCA. Apart from our two programs authorized by DGCA, the licensing processes for the Approved Cabin Crew Basic Training Organization Certificate for Civil Aviation Cabin Services Turkish and English Programs and the Approved Ground Handling Training Organization Certificate for Civil Air Transport Management Turkish and English Programs are continuing at the DGCA.

Istanbul Gelisim Vocational School students can benefit from the educational and social activity opportunities available in all campuses of our university without interruption.

OUR MISSION

To equip our students in all the programs with innovations in their fields, to keep them informed of current developments, to keep this process alive with scientific activities, and to support the scientific studies of lecturers. To be the solution for the need of qualified intermediate staff with the qualifications required by the sector, to have assimilated the latest technological developments, to have developed a practical side.



OUR VISION

Our vision is to be one of the world's leading vocational schools with qualified academic staff and all the programs recognized by international institutions and organizations, and to train students who are demanded by the market and who are all employed after graduation.

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ISTANBUL
GELISIM MESLEK YUKSEKOKULU

EDUCATION



NEWS FROM IGVS

Wojciech Jakubiszyn, from the State University of Applied Sciences in Przemyśl, visited our university and successfully completed the Erasmus+ Staff Training Mobility between 24.02.2026 and 26.02.2026.

Within the scope of the mobility, Istanbul Gelisim Vocational School (IGVS) was visited, mutual information was shared regarding academic and administrative processes, and cooperation opportunities between the two institutions were evaluated.

During the visit, meetings were held with the Director of IGVS, Assoc. Prof. Mehmet Soyal, and Assistant Directors Assoc. Prof. Taner Atasoy and Lect. Bilge Yılmaz. Erasmus coordinators Lect. İpek Ebru Karaçay and Lect. Kübra Çetinberk attended closely to the guest academician.



In the meetings held, studies carried out within the scope of the Erasmus+ program, examples of good practice, and internationalization strategies were discussed; evaluations were made on joint academic activities that could be carried out in the future.

The visit in question provided a significant contribution to strengthening academic cooperation between institutions and increasing the sharing of international experience.



NEW ERASMUS+ COOPERATION AT ISTANBUL GELİŞİM UNIVERSITY

In line with its internationalization vision, İstanbul Gelisim Vocational School (IGVS) has added a new one to its strategic partnerships in Europe. We have expanded our Erasmus+ network with Uniwersytet Dolnośląski DSW (DSW University), one of the prestigious educational institutions located in Wrocław, Poland.



igü
UDİO-K
Uluslararası
Değişim ve İş Birliği
Koordinatörlüğü

As a result of the work carried out by Lect. İpek Ebru Karaçay, the Erasmus Coordinator for the Computer-Aided Design and Animation Program, a new cooperation protocol covering the Computer-Aided Design and Animation Program was signed with the Wrocław-based institution.

Thanks to this strategic partnership, our students and academic staff studying in the Computer-Aided Design and Animation program will be able to be included in the mobility process in Wrocław, one of Poland's centers for technology and art.



TEKOLAB Laboratory Systems Technical Field Trip

As part of a technical field trip organized by Istanbul Gelisim University Vocational School, a visit was conducted to TEKOLAB Laboratory Systems and Engineering Industry Trade Ltd. Co. on March 5, 2026, between 11:00 and 16:00. During the visit, students had the opportunity to observe the company's laboratory systems production, project design, and implementation processes on-site.

The event was organized under the coordination of the Electrical Program, Electric Power Generation, Transmission and Distribution Program, Electronics Technology Program, Digital Transformation Electronics Program, and Smart Infrastructure Technician Program. Representing the Vocational School, Lect. Şehmus Turan and Lect. Sümeyra Zahide Öztürk participated in the visit.

The speakers who contributed to the technical visit were as follows:

Lect. Şehmus Turan – Moderator (Head of the Electrical and Energy Department, Head of the Electric Power Generation, Transmission and Distribution Program at IGUVS),
Cemal Girgin – Project Manager / Technical Teacher,
Ayhan Uğur – R&D Engineer / Technical Teacher,
Aylin Karaduman – Sales and Marketing / Technical Teacher,
Seyit Ali Girgin – Software Engineer,
Yasin Karaduman – Mechanical Technician.

This event aimed to support students in reinforcing their theoretical knowledge through practical observation and gaining direct insight into industry processes.



Gastrotalks at Istanbul Gelisim University: Danilo Zanna Met with IGU Students

Istanbul Gelisim University hosted a special Gastrotalks event that brought the famous chef Danilo Zanna together with students. During the event moderated by Assoc. Prof. Serdar Egeli, Zanna shared his career experiences, his perspective on culinary culture, and his advice for young chef candidates. The Chairman of the Board of Trustees of IGU, Abdülkadir Gayretli, academics, students, and the MasterChef 2025 champion and IGU graduate Sezer Dirican attended the event. While Zanna emphasized that the kitchen requires passion, discipline, and culture as much as technical knowledge, he stated his admiration for Turkish cuisine. The event offered an inspiring experience for students and demonstrated the university's vision of bringing together academia and industry experience.



Zanna emphasized that the kitchen requires not only technical knowledge but also passion, discipline, and culture, and he expressed his admiration for Turkish cuisine while sharing that his favorite dish is Cağ Kebabı.



While the event once again revealed the vision of Istanbul Gelisim University to bring together academia and industry experience, it stood out as a unique and inspiring experience that opened the doors of the gastronomy world for students.

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R & D

Asst. Prof. Duygu ÇELİK and Asst. Prof. Mustafa Kerem BÖRÜ, faculty members of the Banking and Insurance Department at Istanbul Gelisim Vocational School, have published their article titled "Re-examining the Environmental Kuznets Curve Hypothesis in Emerging Economies:

The Mitigating Role of Trade Openness and Renewable Energy" in the SCOPUS Q1 indexed journal Scientific Culture.

<https://sci-cult.com/re-examining-the-environmental-kuznets-curve-hypothesis-in-emerging-economies-the-mitigating-role-of-trade-openness-and-renewable-energy/>

The article titled "Validity of the Purchasing Power Parity Hypothesis for Türkiye: Evidence from Flexible Fourier Unit Root Tests," co-authored by Asst. Prof. Atilla Aydın from the Air Logistics Program and Lect. Duygu Hoban from the Human Resources Management Program at Istanbul Gelisim Vocational School, and Asst. Prof. Funda Kara from the Department of Economics and Finance within the Faculty of Economics, Administrative and Social Sciences at Istanbul Gelisim University, has been published in the journal Bulletin of Economic Theory and Analysis (TR Index).

<https://dergipark.org.tr/tr/pub/beta/issue/103703>



The full-text paper titled “Determining the Effects of Irregular Migration and Residence Permits on Inflation in Türkiye”, prepared by Asst. Prof. Atilla AYDIN from the Air Logistics Program, Asst. Prof. Sibel AYBAR ARDİL and Lect. Duygu HOBAN from the Human Resources Management Program, and Lect. Emine ÖZTÜRK KOÇALI from the Logistics Program of Istanbul Gelisim University Vocational School, has been published.

The paper was prepared within the scope of the project titled “Determining the Effects of Irregular Migration and Residence Permits on Inflation in Türkiye,” which is supported by the Scientific Research Projects (BAP) Coordination Unit of Istanbul Gelisim University (IGU).

<https://toplumsalrastirmalarmerkezi.org/wp-content/uploads/2026/02/Full-Text-TAMUSKON-2025.pdf>

SOCIAL CONTRIBUTION



**IGVS E-Bulletin has been prepared according to the Turkish Higher Education Quality Council (THEQC) criteria.*

Lect. Ahmet Yavuz ŞAHİN
Construction Technology

WOMEN ENGINEERS: REPRESENTATIVES OF A SUSTAINABLE FUTURE

In 2015, the United Nations (UN) adopted 17 Sustainable Development Goals (SDGs) to be achieved by 2030, aiming to create a more balanced and sustainable future on a global scale (United Nations, 2024). These goals aim to address the three fundamental dimensions of sustainable development, namely environmental, economic, and social, collectively (Romero et al., 2020). However, it is observed that many studies and applications conducted to date have predominantly focused on environmental and economic dimensions, while the social dimension has remained relatively less prominent (Boström, 2012; Teh & Koh, 2019). This situation has led to social issues being insufficiently visible in sustainable development discussions. Yet, one of the most important topics within the social dimension of sustainability is Gender Equality, which continues to be a significant area of inequality worldwide.





At this point, the construction industry, known particularly for its male-dominated structure, stands out as a critical intersection in gender equality discussions. The increased presence of women civil engineers in the sector is of great importance not only for increasing professional diversity but also for strengthening the social dimension of sustainable development. The increasing visibility of women in the field of engineering, and especially civil engineering, contributes to the formation of a more inclusive and egalitarian sector.

For this reason, March 8, International Women's Day, serves as an important reminder to highlight the contributions of women in fields traditionally considered male-dominated, such as engineering and construction, and to increase awareness regarding gender equality. Every new project, every design, and every solution contributes to the construction of a more inclusive, fair, and sustainable future through the distinct perspectives and innovative approaches of women engineers. This special day is not just a celebration; it is also a call for inspiration, awareness, and change; we can take stronger steps together in the construction of the future through the creativity and labor of women.

Reference

- Romero, S., Aláez, M., Amo, D., & Fonseca, D. (2020). Systematic Review of How Engineering Schools around the World Are Deploying the 2030 Agenda. *Sustainability*, 12(12), 5035. <https://doi.org/10.3390/su12125035>
- United Nations. (2024). The sustainable development goals report 2024. United Nations. <https://unstats.un.org/sdgs/report/2024/>
- Boström, M. (2012). A missing pillar? Challenges in theorizing and practicing social sustainability: Introduction to the special issue. *Sustainability: Science, Practice and Policy*, 8(1), 3–14. <https://doi.org/10.1080/15487733.2012.11908080>
- Teh, S. Y., & Koh, H. L. (2019). Education for sustainable development: The STEM approach in Universiti Sains Malaysia. In W. Leal Filho (Ed.), *Universities as living labs for sustainable development: Supporting the implementation of the sustainable development goals* (pp. 567–587). Springer International Publishing. https://doi.org/10.1007/978-3-030-15604-6_36
- Görsel, Google Labs FX araçları kullanılarak yapay zeka ile oluşturulmuştur (Google Labs FX, 2026).

Future Foods

Asst. Prof. Eda ŞENSU DEMİR
Food Technology

The global population, which is expected to reach 9.7 billion by 2050, necessitates a fundamental transformation in food systems to ensure that future generations can be adequately nourished. As food security issues become more complex due to climate change, urbanization, and globalization, the development of sustainable food systems emerges as a critical necessity to reduce poverty and hunger. In this context, the food of the future is being shaped around the principles of sustainability, innovation, and accessibility. Alternative protein sources, cultured meat, and food production through 3D/4D printing technologies are among the leading research areas driving this transformation.

One of the most striking components of this transformation is cultured meat technologies, developed as an alternative to animal-based production. Cultured meat (lab-grown meat) is an innovative food technology produced by proliferating animal cells in laboratory environments without the need for traditional livestock farming. The production process is based on extracting embryonic, muscle, or stem cells from animals, proliferating them under controlled conditions, and directing them to form target tissues.

The large-scale multiplication and conversion of these cells into meat are carried out in bioreactors where factors such as temperature, pH, and dissolved oxygen are precisely controlled. Additionally, to achieve a structure similar to real meat cuts, biocompatible 3D scaffolds made of materials such as collagen or hydrogels, which mimic blood vessels, are utilized. This method offers significant advantages, including reducing greenhouse gas emissions and resource use (water and land), improving animal welfare, and replicating the taste and texture of conventional meat.

However, there are also major challenges, such as high production costs, complex regulatory frameworks, food neophobia, and consumer concerns regarding safety, nutritional value, and the “naturalness” of the product. Consumer acceptance varies globally depending on demographic factors such as education, age, and income, while religious and cultural considerations, including the source of cells and compliance with Islamic dietary rules, also directly influence acceptance. With the resolution of technological barriers and effective consumer education, cultured meat is expected to become a sustainable and mainstream alternative protein source capable of meeting the increasing food demand.

In addition to the transformation of production sources, production methods themselves must also evolve. In this regard, 3D food printing technologies represent a versatile innovation that is beginning to find wide applications in the food industry and is expected to shape future food systems. This innovative approach enables personalized food design, meets individual nutritional needs, simplifies supply chains, and increases diversity in food materials. With potential applications in various fields such as healthcare, space research, and the ready-meal industry, this technology also supports the production of sustainable new foods when combined with unconventional protein sources such as microalgae. Considering its adaptability, consumer acceptance, and contribution to environmental sustainability, 3D food printing is regarded as one of the most promising innovative food technologies today, alongside plant-based alternatives.



However, the effectiveness of these technologies is directly linked to the sustainability of the raw materials used. Therefore, alternative protein sources stand out as fundamental components of future food systems. Among these, insects, macro- and microalgae, and jellyfish attract attention due to their environmental benefits and high nutritional value. Algae, which are rich in protein, minerals, vitamins, antioxidants, and essential fatty acids, can be used as functional food ingredients to extend shelf life while consuming significantly fewer resources compared to conventional livestock production.

Similarly, edible insects are considered a strong alternative for meeting growing food demand due to their low requirements for water, feed, and land, as well as their minimal greenhouse gas emissions, while being rich in protein and amino acids. However, further research and regulatory frameworks are needed to enhance consumer acceptance and manage risks such as microbial safety and allergenicity.

Jellyfish, although not widely consumed outside Asia, also stand out as a sustainable food source due to their low calorie and cholesterol-free nature, along with their high protein, mineral, vitamin, and collagen content.





Increasing global population and intensifying environmental pressures have made the sustainability of current food production systems questionable. Although these innovative approaches have significant potential to prevent resource waste, promote a circular economy, and support disease-preventive nutrition, major barriers remain, including high costs of large-scale industrial production, regulatory gaps (such as religious concerns regarding the halal status of cultured meat), and consumer skepticism toward novel foods, often referred to as food neophobia. Ultimately, the food of the future is envisioned as a safe, science-based, and personalized food ecosystem that balances human health with the ecological limits of the planet, embraces the principles of reduce, reuse, and recycle, and minimizes resource waste.

References:

- Çakmakçı, S., Polatoğlu, B., & Çakmakçı, R. (2024). Foods of the future: challenges, opportunities, trends, and expectations. *Foods*, 13(17), 2663.
- Hamad, A., & Tayel, A. (2025). Food 2050 concept: Trends that shape the future of food. *Journal of Future Foods*.
- Şensu, E., Yüce-tepe, A., & Özçelik, B. (2024). Alternatif Protein Kaynağı Olarak Makroalgler Ve Makroalgal Proteinlerin Ekstraksiyonu: Bir Derleme Çalışması. *Gıda*, 49(6), 1175-1189.
- Ye, Y., Zhou, J., Guan, X., & Sun, X. (2022). Commercialization of cultured meat products: Current status, challenges, and strategic prospects. *Future Foods*, 6, 100177.
- Waseem, M., Tahir, A. U., & Majeed, Y. (2024). Printing the future of food: The physics perspective on 3D food printing. *Food Physics*, 1, 100003.



OUR STAKEHOLDERS



TURKISH AIRLINES



EKOLOFOOD





SİVİL HAVACILIK
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We would like to thank our academicians who contributed to the March issue of Istanbul Gelisim Vocational School E-Bulletin.

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