



**2022-2023 ACADEMIC YEAR  
HEALTH AND QUALITY LIFE REPORT  
(SDG-3)**

**Istinye University**

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Istinye University aims to become one of the world's leading institutions in the field of artificial intelligence, striving for excellence in education, research, innovation, and technology development.	3
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# ABOUT US

## Our Mission

At Istinye University, our mission is to provide innovative and sustainable education within a student-centered environment. We collaborate closely with industry partners to conduct advanced technology research, generate new knowledge and technologies, and develop solutions that address both local and global challenges, ultimately contributing to societal development.

## Our Vision

Istinye University aims to become one of the world's leading institutions in the field of artificial intelligence, striving for excellence in education, research, innovation, and technology development.

## Our Values

Entrepreneurship  
Innovation  
Competitiveness  
Leadership  
Team spirit  
Respect for ethical values  
Justice  
Passion  
Self-confidence  
Social responsibility  
A sense of belonging and dedication

Istinye University was established by drawing on the 29 years of knowledge and experience of the MLP Care Group. It brings together three separate hospital brands, "Liv Hospital", "Medical Park" and "VM Medical Park", all under one roof.

## APPLICATION AND RESEARCH CENTERS

All economically and socially developed countries have established a vision for science and technology that aligns with their level of advancement. Universities, as key drivers of this development process, utilize Research and Development (R&D) as an effective tool to enhance national aspirations.

The primary objective of university education is to cultivate individuals who are globally aware, possess advanced problem-solving skills, exhibit creativity, and demonstrate self-confidence and entrepreneurial spirit. To achieve this, universities must provide a conducive physical, academic, and scientific environment that empowers students to address challenges and generate new knowledge.

Istinye University is founded on the philosophy of being a research-oriented institution dedicated to fostering both national and international development. We continue to invest significantly in our research infrastructure, collaborating with leading scientists in health, social, and physical sciences.



Below is a list of programs from our Application and Research Centers that support the Sustainable Development Goal (SDG) of Health and Quality of Life:

- 3D Design and Prototyping Application and Research Center (ISU3D)
- Scientific and Technological Research Application and Research Center (BITAM)
- Physiotherapy and Rehabilitation Application and Research Center (ISUFIZYOTEM)
- Stem Cell and Tissue Engineering Application and Research Center (ISUKOK)
- Molecular Cancer Application and Research Center (ISUMKAM)
- Neurological Sciences Application and Research Center (ISUCAN)
- Health Application and Research Center
- Continuing Education Application and Research Center (ISUSEM)
- Artificial Intelligence Application and Research Center in Medicine (TYZAUM)
- International Sustainability Application and Research Center (IRCOS)
- Aging Studies Application and Research Center (ISU GEROMER)
- Clinical Neuro-Oncology Research Center (ISUNAM)
- Microbiota Research Center
- Oral and Dental Health Application and Research Center

## ACADEMIC PROGRAMS

During the 2022-2023 academic year, our university offers 15 associate degree programs in the Vocational School of Healthcare Services, along with 17 bachelor's degree programs across the Faculty of Medicine, Faculty of Pharmacy, Faculty of Dentistry, Faculty of Health Sciences, Faculty of Humanities and Social Sciences, and Faculty of Engineering and Natural Sciences. Additionally, we provide a total of 21 graduate programs in the health field. The following is a list of educational training programs that support the Health and Quality Life Sustainable Development Goal (SDG):

### Associate Degree Programs

- Oral and Dental Health Program (Formal and Evening Education)
- Operating Room Services Program (Formal and Evening Education)
- Anesthesia Program (Formal and Evening Education)
- Child Development Program
- Dialysis Program
- Pharmacy Services Program
- Electro neurophysiology Program
- Physiotherapy Program (Formal and Evening Education)
- First and Emergency Aid Program (Formal and Evening Education)
- Opticianry
- Radiotherapy Program
- Social Services Program
- Medical Documentation and Secretarial Program
- Medical Imaging Techniques Program (Formal and Evening Education)
- Medical Laboratory Techniques Program

### Bachelor Degree Programs

- Nutrition and Dietetics
- Child Development
- Speech and Language Therapy
- Dentistry (English)

- Midwifery
- Pharmacy (Turkish and English)
- Physiotherapy and Rehabilitation (Turkish and English)
- Nursing (Turkish and English)
- Molecular Biology and Genetics (English)
- Audiology
- Psychology (Turkish and English)
- Medicine (Turkish and English)
- Medical Biology and Genetics
- Molecular Biology and Genetics

### Graduate Programs

- Nutrition and Dietetics (Master) (Thesis-Non-Thesis)
- Surgical Diseases Nursing (Master) (Thesis-Non-Thesis)
- Speech and Language Therapy (Master) (Thesis)
- Obstetrics and Gynecology Nursing (Master) (Thesis-Non-Thesis)
- Physiotherapy and Rehabilitation (Master) (Thesis)
- Cancer Biology and Pharmacology (Master) (Thesis)
- Stem Cell and Tissue Engineering (Master) (Thesis)
- Psychology (Master) (Thesis-Non-Thesis)
- Psychology (Master) (Non-Thesis)
- Neuroscience (Master) (Thesis)
- Sports Physiotherapy (Master) (Thesis)
- Medical Biology and Genetics (Master) (Thesis)
- Obstetrics and Gynecology Nursing (PhD)
- Pharmaceutical Chemistry (PhD)
- Physiotherapy and Rehabilitation (PhD)
- Stem Cell and Tissue Engineering (PhD)
- Molecular Oncology (PhD)

ISU with Numbers Link: <https://www.istinye.edu.tr/tr/universite/sayilarla-isu>



## OUR HOSPITALS

Our university operates two hospitals: İstinye University's Liv Hospital Bahçeşehir and Medical Park Gaziosmanpaşa. Together, these hospitals have a total bed capacity of 194 and cover an area of 120,023 m<sup>2</sup>.





# HEALTHCARE COLLABORATIONS

In the 2022-2023 academic year, İstinye University signed a total of 10 cooperation agreements in the field of health.

## Healthcare Collaborations

Provincial Health Directorate

Health Services Union

Idogen Pharmaceuticals

Bahçeci Sağlık Hizmetleri Inc.

Vrlab Academy Yazılım Inc.

Onko İlaç San. Ve Tic. Inc.

Scm Biyoteknoloji Ltd. Co.

Health Institutes of Türkiye

LIV ve MLPCare

Private Seyrantepe Avrupa Dialysis Center

## SEXUAL HEALTH

The Faculty of Health Sciences, Faculty of Medicine, and Institute of Health Sciences offer courses focused on sexual and reproductive health services to enhance students' awareness in this important area. These courses, which include EBE011-Sexual Health and EBE006-Reproductive Health and Family Planning, are compulsory for certain departments and elective for others. Moreover, awareness-raising activities are organized throughout the year to further promote understanding of sexual and reproductive health.

Organized by the İstinye Medical Students Association's Sexual and Reproductive Health, Human Rights Working Groups, and Project and Initiative Support Unit.

**Purpose:** To raise awareness about human rights, violence, and discrimination while practicing communication with others without the use of sign language.

<https://sks.istinye.edu.tr/tr/haberler/isu-tip-ogrencileri-birligi-kulubu>

## HEALTH CLUBS

The Health Clubs at Istinye University were established to help students develop their social skills, contributing to their social, cultural, artistic, scientific, and personal growth alongside their academic education. These clubs aim to enhance students' sense of belonging to the University by fostering collaboration across different departments. In the 2022-2023 academic year, there were 78 active student clubs, including 19 health clubs.

**Table of Health Clubs and Number of Student Members**

Health Clubs	
Club's Name	Number of Club Members
Psychology Club	257
Red Crescent Club	116
Rainbow Child Development Club	12
Oral and Dental Health Club	63
Speech and Language Therapy Club	52
Dentistry and Innovation	56
Midwifery Club	31
Physiotherapy and Rehabilitation Club	144
Nursing Club	164
ISUPA Istinye University Pharmaceutical Association	80
Inspark Club	63
Medical Students Association Club	98
ISU Young World Doctors Club	33
Rare Diseases Club	69
Health Literacy Club	62
Neocortex Neuroscience Club	9
Oncology Studies Club	18
Healthy Steps Club	85
Molecular Biology and Genetics	33

# HEALTHY LIFE AND SPORTS

Istinye University provides a comprehensive sports infrastructure, including indoor and outdoor sports facilities and the ISUGYM fitness center. All sports facilities are available during the week and on weekends to support a healthy lifestyle.

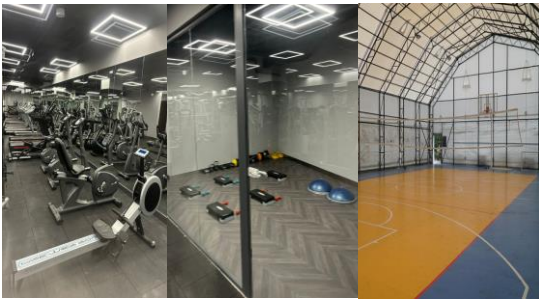
Our campuses feature outdoor basketball and volleyball courts, a modern gym, artificial turf, an indoor sports hall, and tennis courts. Additionally, all campuses have social activity areas and a table tennis table.

Istinye University promotes healthy living by offering free access to sports facilities, supporting both physical and social development.



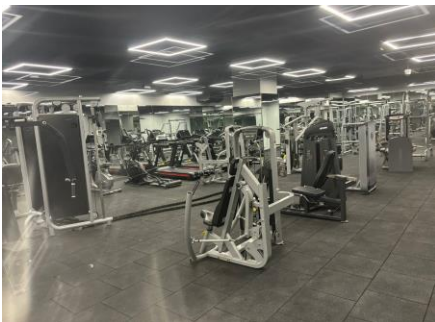
## Outdoor Sports Hall

Our outdoor sports areas, which include basketball, volleyball, and tennis courts, are available for use on weekdays and weekends.



## Indoor Sports Hall

Our indoor sports area, designed for basketball, volleyball, football, and tennis, is also open on weekdays and weekends.



## ISUGYM Fitness Center

The fitness center is equipped with free weights and isotonic machines, supervised by our expert trainers.

## SMOKE-FREE CAMPUS

In accordance with the **Smoke-Free Campus Policy** approved by our University Senate, designated smoking and non-smoking areas have been established. All students, faculty, administrative staff, and campus visitors are required to adhere to these designated areas.



Smoke-free  
Campus Area



Designated  
Smoking Area

## PSYCHOLOGICAL COUNSELING UNIT

The Psychological Counseling Unit aims to support the biopsychosocial well-being of IstinYE University students, administrative staff, and faculty. The unit provides assistance for individual, social, or academic challenges and raises awareness about seeking psychotherapy through workshops and training programs. The unit also organizes events, seminars, and workshops representing our University.

In the 2022-2023 academic year, 810 counseling sessions were conducted for students, faculty, and administrative staff. Depending on the client's emotional state, each session lasts between 40 to 55 minutes.

Activities carried out by the Psychological Counseling Unit in the 2022-2023 Academic Year:

ACTIVITY NAME	PARTICIPANT NUMBER	DATE
Motivation Seminar Within the Scope of Trainer Training	150	22.09.2022
Motivation Seminar Within the Scope of Trainer Training	140	27.09.2022
University Adjustment Process	10	06.10.2022
Procrastination Seminar	13	13.10.2022
Social Anxiety Seminar	15	20.10.2022
Psychological Resilience Manifesto Course	Online	26.10.2022
Stress Management Manifesto Course	Online	26.10.2022
Coping with Anger Workshop	7	03.11.2022
Psychological Flexibility Manifesto Course	Online	11.11.2022
Are We Attached or Dependent in Romantic Relationships	15	10.11.2022
Exam Anxiety Workshop	10	17.11.2022
Self-Compassion Workshop	15	24.11.2022
Self-Compassion Workshop Session 2	15	06.12.2022
Emotion Regulation Skills Session 1	10	15.12.2022

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ACTIVITY NAME	PARTICIPANT NUMBER	DATE
Emotion Regulation Skills Session 2	11	22.12.2022
Time Management Workshop	5	29.12.2022
Emotional Eating Seminar	15	16.09.2022
Managing the Adaptation of International Students Training (ISUBuddy Program)	35	22.09.2022
Sleep Quality Seminar	13	22.09.2022
Motivation Training (Teaching Training Program)	50	29.09.2022
Peer Bullying Seminar	10	30.09.2022
The Adaptation of the University Life Workshop	7	6.10.2022
Procrastination Seminar	7	13.10. 2022
Social Anxiety Seminar	13	20.10.2022
Psychological Resilience Training (Manifesto Course)	Offline	26.10.2022
Stress Management Training (Manifesto Course)	Offline	26.10. 2022
Psychological Flexibility Training (Manifesto Course)	Offline	2.11.2022
Managing the Overthinking Seminar	5	9.11.2022
Exam and Performance Anxiety Seminar	6	17.11.2022
Psychological Resilience Seminar	5	24.11.2022
Stress Management Seminar	7	1.12.2022
Psychological Flexibility Seminar	4	8.12.2022
Violence Seminar Series 1	10	15.12.2022
Violence Seminar Series 2: Dating & Violence Against Women	11	22.12. 2022
Time Management Seminar	3	29.12.2022
Exam Anxiety Seminar	9	5.01.2023
Sleep Quality Seminar	8	8.03.2023
Grief Seminar	10	15.03.2023
Self-Compassion Seminar	150	22.03.2023
Exam Anxiety Seminar	259	5.04.2023

## EMOTIONAL EATING SEMINAR

- HOW ARE YOUR EATING HABITS?
- ARE YOU AN EMOTIONAL EATER?
- HOW CAN YOU MANAGE EMOTIONAL EATING?
- HOW DO YOU LEARN TO EAT MINDFULLY?

PSYCHOLOGICAL COUNSELING UNIT



16.09.2022  
15:00



ZOOM ID: 974 9497 7444  
PASSWORD: 845331

CLINICAL  
PSYCHOLOGIST

SELİN  
ÖZTÜRK

İSÜ İSTİNYE  
UNİVERSİTESİ  
İSTANBUL



İSÜ Öğrenci  
Merkezi

İSÜ İSTİNYE  
UNİVERSİTESİ  
İSTANBUL

## PSYCHOLOGICAL RESILIENCE SEMINAR



Clinical Psychologist  
Selin Öztürk

24.11.2022 - 15:00

ID: 939 3496 7045  
Password: 778561

Psychological Counseling Unit Events  
in 2022-2023 Fall Semester

Etkinlikler Hakkında Detaylı Bilgi İçin  
For Detailed Information About Events

omer.istinye.edu.tr

İSÜ Öğrenci  
Merkezi

## EXAM ANXIETY SEMINAR



Selin Öztürk  
Clinical Psychologist

05.01.2023 - 15:00

ID: 993 1456 3104  
Password: 509883

2022-2023 Güz Dönemi  
Psikolojik Danışmanlık Birimi Etkinlikleri

Etkinlikler Hakkında Detaylı Bilgi İçin  
For Detailed Information About Events

omer.istinye.edu.tr

İSÜ İSTİNYE  
UNİVERSİTESİ  
İSTANBUL

İSÜ Öğrenci  
Merkezi

İSÜ İSTİNYE  
UNİVERSİTESİ  
İSTANBUL

## PSYCHOLOGICAL FLEXIBILITY SEMINAR



Selin Öztürk  
Clinical Psychologist

08.12.2022 - 15:00

ID: 960 0221 3202  
Password: 529308

Psychological Counseling Unit Events  
in 2022-2023 Fall Semester

Etkinlikler Hakkında Detaylı Bilgi İçin  
For Detailed Information About Events

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## PROJECTS

The projects initiated by our university's faculty members in the 2022-2023 academic year that support the Health and Quality Life Sustainable Development Goal (SDG) are as follows:

INSTITUTION/ORGANIZATION EXECUTING THE PROJECT	PROJECT STAKEHOLDERS	ORGANIZATION FUNDING THE PROJECT	PROJECT NAME	PROJECT'S FIELD OF ACTIVITY
Istinye University	1.University of Health Sciences 2. İstanbul Medipol Univ. 3. Liv Hospital 4. Başakşehir Çam and Sakura Hospital	TÜBİTAK	Early-Stage Pediatric Cardiovascular Anomaly Detection	1. Surgical Medical Sciences 2. Pediatric Surgery 3. Thoracic Surgery
Istinye University	1. Artificial Intelligence Research and Application Center 2.Marmara Univ.	TÜBİTAK	Drug Resistance Analysis in Operated Colorectal Cancer Patients and Prediction of Adjuvant Treatment Effectiveness with Clinical Data Using Artificial Intelligence	1.Health Sciences 2.Basic Medical Sciences
Istinye University	Sabancı Univ.	TÜBİTAK	Development of theranostic hyperthermia therapy against HER2 positive breast cancer	1.Biochemistry 2.Technical Sciences 3.Metallurgical and Materials Engineering
University of Tuscia	1.International Center for Agricultural Research in the Dry Areas 2. Consiglio Nazionale delle Ricerche 3. Istinye University 4. Lebanese Agricultural Research Institute 5.National Institute for Agricultural Research Morocco 6.Promolog srl	EU	MEDWHEALTH-Development of new wheat-derived foods from the mediterranean diet with improved nutritional and health value	N/A

INSTITUTION/ORGANIZATION EXECUTING THE PROJECT	PROJECT STAKEHOLDERS	ORGANIZATION FUNDING THE PROJECT	PROJECT NAME	PROJECT'S FIELD OF ACTIVITY
Istinye University	N/A	TÜSEB	Development of a new generation of tissue adhesive that is conductive, hemostatic, has high adhesion in dynamic environments, is biocompatible and cost-effective for use in cardiovascular surgery.	N/A
Istinye University	Istinye Univ.	TÜBİTAK	Investigation of the Effect of Functional Respiratory Muscle Training on Trunk Stabilization, Aerobic Capacity and Performance in Wheelchair Basketball Athletes	1.Health Sciences 2.Physiotherapy and Rehabilitation
Istinye University	N/A	TÜBİTAK	Development of New Generation DOPA-Modified Antibacterial and Hemostasis Injectable Surgical Tissue Adhesives to Prevent Air Leakage After Lung Surgery	N/A
Istinye University	1.Liv Hospital 2.University of Health Sciences	TÜSEB	Immunomodulatory Effect of Human Umbilical Cord-Derived Mesenchymal Stem Cells on Regulatory T Cells Obtained from Type I Diabetic Patients	1.Latim Autoimmune Diabetes in Adults 2.Mesenchymal Stromal Cells
Istinye University	CELLESTETİX Genetic Consulting R&D and Biotechnology Inc.	TÜSEB	Development of CRISPR-Cas9 Targeting Carrier System to be Loaded into Exosome/Liposome Hybrid Nanoparticle Systems that Can Be Used for the Treatment of DMD Disease	1.Exosomes 2.Drug Delivery Systems
Istinye University	N/A	TÜBİTAK	Development of Targeted Nanocarriers for the CRISPR/CAS9 System Using Renewable Resources	N/A
Koç University	1. Koç Univ. 2. Marmara Univ. 3. Celal Bayer Univ.	TÜBİTAK	Effect of Balance Training and Simultaneous Motor Cortex Anodal Transcranial Direct Current Stimulation on Balance and Movement Parameters in Amateur Athletes	1.Sports 2.Physiology 3.Neurophysiology 4.Internal Medical Sciences

INSTITUTION/ORGANIZATION EXECUTING THE PROJECT	PROJECT STAKEHOLDERS	ORGANIZATION FUNDING THE PROJECT	PROJECT NAME	PROJECT'S FIELD OF ACTIVITY
Istinye University	Sanko Unv.	TÜBİTAK	Determination of Factors Affecting Performance in Wheelchair Basketball Athletes: Digital Functional Level Classification System as a Best Practice Model for Classification - Digital Scale Development	1. Physiotherapy and Rehabilitation 2. Mechanical Engineering, Technical Sciences
Istinye University	Yıldız Technical Unv.	TÜBİTAK	Development of a Targeted, Exosome-Based, Anti-Inflammatory and Anti-Viral Agent with CRISPR/Cas13 Method for the Treatment of COVID-19 and Similar Viral Diseases from Mesenchymal Stem Cells	1. Basic Medical Sciences 2. Histology-Embryology
Istinye University	CELLESTETİX Genetic Consulting R&D and Biotechnology Inc.	TÜSEB	Treatment Approach to SSPE Disease with Antiviral CRISPR/Cas7-11	1. CRISPR-Cas Systems 2. SSPE Virus
Istinye University	Istinye Unv.	TÜBİTAK	Investigation of the Efficacy of Tepotinib Temozolomide Combination in a 3D Environment by Creating a Stage IV Glioblastoma Multiforme-Like Cancer Model in iPSC-Derived Cerebral Organoids	1. Basic Medical Sciences 2. Histology-Embryology
VR Lab Academy Yazılım Inc.	Istinye Unv.	TÜBİTAK	Carrying out medical physiology experiments using virtual reality technology and recommendation system supported laboratory assistant for health sciences	Information Technologies
Altınbaş University	1. Yıldız Technical Ün. 2. Altınbaş Unv. 3. Istinye Unv.	TÜSEB	In vivo Investigation of the Therapeutic Efficacy of the Developed Nanocarrier System Based on Exosomes Derived from Wharton Gel Stem Cells	1. Parkinson Disorders 2. Exosomes 3. Nanocapsules
AdBioInk Biyosistem Teknoloji Inc.	Istinye Unv.	TÜBİTAK	Development of Electroactive Biopolymer/Bioink for Use in Tissue Engineering Applications	1. Biotechnology
Istinye University	N/A	EU	Neurovascular Health-Deriving novel micro biomechanical indices based on clinical imaging and computational simulation data and analysis using machine learning for assessment of cerebrovascular and cognitive health	N/A

INSTITUTION/ORGANIZATION EXECUTING THE PROJECT	PROJECT STAKEHOLDERS	ORGANIZATION FUNDING THE PROJECT	PROJECT NAME	PROJECT'S FIELD OF ACTIVITY
Istinye University	1.University of Health Sciences	TÜBİTAK	Interventions to Increase Smoking Awareness and Create Behavior Change in University Students: Tobacco-Free Faculty Project	1.Social Sciences and Humanities
Istinye University	N/A	TÜBİTAK	Near-infrared light-triggered scaffold for noninvasive monitoring of therapeutic release and tissue regeneration	1.Technical Sciences 2.Biotechnology
Istinye University	1.METU 2.METU Technocity 3.Bezm-i Alem Foundation Univ.	TÜSEB	Design of Stapled Peptide-Based Antagonists Specific to Human Estrogen Receptor Alpha (ER $\alpha$ ) and Investigation of Their Binding Affinities and Effects on Cell Lines	1.Drug Design 2.Cell Culture Techniques 3.Peptides
Istinye University	1.Bezm-i Alem Foundation Univ. 2. İstanbul Univ.	TÜBİTAK	Investigation of In Vivo Effects of Tgf- $\beta$ Signaling Inhibition on Irinotecan Cytotoxicity in Colorectal Cancer Tumor Model	1. Basic Sciences 2. Life Sciences
Istinye University	1.Bezm-i Alem Foundation Univ. 2. University of Health Sciences	TÜBİTAK	Immunomodulatory Effect of Human Umbilical Cord-Derived Mesenchymal Stromal/Stem Cells on Peripheral Blood T Lymphocyte Cells from Type I Diabetic Patients	1. Basic Medical Sciences 2. Histology-Embryology
Istinye University	İstanbul University	TÜSEB	Investigation of the Relationship between the RAG1 Molecule and Severe Immunodeficiency Using Molecular Dynamics Simulations	1.Protein Engineering 2.Molecular Genetics
Istinye University	University of Health Sciences	TÜSEB	Expression and Low-Cost Pilot Production of Thermostable Moloney Murine Leukemia Virus Reverse Transcriptase (MMLV-RT) Enzyme for Diagnostic Kits in Oligotrophic Bacteria Systems	1.Biotechnology Molecular Biology Industrial Microbiology
Istinye University	N/A	TÜBİTAK	Development of Scales to Determine the Communication Competence of Family Physicians and Patients Working in Family Health Centers and Application of Scales Based on Variables	1.Social Sciences and Humanities
Istinye University	Istanbul University	TÜSEB	Investigation of the Effects of Targeted Nanoparticles Containing IRINOTECAN/TGF-B Receptor Inhibitor in Colorectal Cancer	1.Nanobiotechnology 2.Molecular Biology



INSTITUTION/ORGANIZATION EXECUTING THE PROJECT	PROJECT STAKEHOLDERS	ORGANIZATION FUNDING THE PROJECT	PROJECT NAME	PROJECT'S FIELD OF ACTIVITY
Istinye University	N/A	TÜSEB	Role of DRD2 and DAT gene polymorphisms in reducing smoking cravings with tDCS administration	1.Transcranial Direct Current Stimulation
VR Lab Academy Yazılım Inc.	N/A	TÜBİTAK	Development of WebGL Based Experiments for Health and Life Sciences Laboratory Applications with Virtual Reality Technology	1. Information Technologies
Marmara University	Marmara University	TÜSEB	Development, In Vitro and Ex Vivo Characterization of Next Generation Wound Dressings for Personalized Treatment of Chronic Wounds	N/A
Istinye University	N/A	TÜBİTAK	Investigation of angiogenic effects of various drugs in in ovo culture; personalized treatment approach by developing 3D tumors from cancer cell lines and patient-derived xenografts	1.Biotechnology
Istinye University	Istinye Univ.	TÜSEB	Effect of KRAS Mutation and Nrf2 Inhibition on Irinotecan Treatment in Colorectal Cancer	1.Cancer
Istinye University	Izmir University of Economics	TÜSEB	Effect of Combination of xCT Inhibitor ICE and 5-Fluorouracil on the Enhancement of Therapeutic Potential in Colorectal Cancer Cells	1. Medical Biology 2. Molecular Biology and Genetics
Istinye University	N/A	TÜSEB	In vitro and in vivo Investigation of the Effect of a Patented Compound: Palladium (II) Barbiturate Complex on Different Genetic Subtypes of Colon Cancer (BRAFmut vs KRASmut)	N/A
Istinye University	Istanbul Technical University	TÜBİTAK	Development of Self-Healing, Injectable and Conductive Hydrogel Systems for the Treatment of Spinal Cord Injuries and Investigation of Their Potential for Neural Tissue Engineering	1.Technical Sciences 2.Biomaterials
AdBiolnk Biyosistem Teknoloji Inc.	N/A	TÜBİTAK	Development of Bioink/Bipolymer Integrated System	N/A
Istinye University	N/A	TÜBİTAK	Effect of Matrix Stiffness on Autophagy, Apoptosis and Chemotherapy Response in Rhabdomyosarcoma Cells	N/A

## STUDENT PROJECTS

NO	PROJECT NAME	FUNDED BY
1	Effects of Experience, Age and Gender on Color Perception of Dentistry Students in Turkey	TÜBİTAK
2	Facilitating Access to Medicine for Disabled Individuals: Healing-Take	TÜBİTAK
3	Investigation of the Effect of Adding a Vacuum Cushion to the Breast Inclined Plane in Breast Area Radiotherapy Immobilization on Treatment and Patient Comfort	TÜBİTAK
4	Evaluation of Radiology and Radiotherapy Technicians' Radiation Safety Awareness	TÜBİTAK
5	Measuring the Relationship Between the Learning Status of Medical Imaging Technicians in the Field of Magnetic Resonance Imaging During Their Education and Their Feeling of Self-Sufficiency in Business/Practical Life	TÜBİTAK
6	Measurement of the Correlation Between the Education of Radiology Technicians and Their Sequence Knowledge Level in the Field of Magnetic Resonance Imaging	TÜBİTAK
7	Investigation of Awareness and Consciousness of Technicians Regarding Anesthesia Applications in Medical Imaging Shoots	TÜBİTAK
8	Evaluation of the Effect of Nutrition and Exercise on Dysmenorrhea in Women Aged 18-26	TÜBİTAK
9	Development of Innovative Drug Candidate Molecules Targeting Breast Cancer Stem Cells	TÜBİTAK
10	Comparison of the Effectiveness of Different Solutions in Disinfection of Three-Way Faucet Hub: An In Vitro Study	TÜBİTAK
11	Preparation of Competency-Oriented Materials to Provide English Communication Skills for Health Tourism	TÜBİTAK
12	Evaluation of Thyroidectomy Materials Examined in Eta Pathology-Cytology Laboratory Between 2002-2022: Retrospective Archival Study with 5500 Thyroidectomy Materials	TÜBİTAK
13	Investigation of the Effects of Different Light Colors and Illumination Durations on Memory and Life Span of Caenorhabditis Elegans	TÜBİTAK
14	Epidemiological, Clinical and Pathological Analysis of 5-Year Data on Breast Cancer According to Age	TÜBİTAK
15	The Effect of Group Work on Adolescents in Combating Technology Addiction	TÜBİTAK
16	The Effect of Violence Experiences of University Students Residing in Istanbul on Their Academic Success	TÜBİTAK
17	Examining the Difficulties Faced by Psychological Counseling and Guidance Teachers Working in Schools Regarding Child Neglect and Abuse	TÜBİTAK
18	Problems and Expectations Experienced by Disabled Individuals and Their Families	TÜBİTAK
19	The Effect of Parents' Attitudes Towards Sexual Education on Adolescents' Attitudes Towards Sexual Education	TÜBİTAK

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NO	PROJECT NAME	FUNDED BY
20	The Effect of Physical Changes in Adolescents on Their Social Anxiety Levels	TÜBİTAK
21	Examining the Effect of Anorexia Nervosa and Obese Adolescents' Views on Body Perception on Their Development	TÜBİTAK
22	The Effect of Social Media Addiction and Cyberbullying on Social Anxiety Levels in Adolescents Aged 12-14	TÜBİTAK
23	Evaluation of the Effect of Sleep Problems on Quality of Life in Preschool Children.	TÜBİTAK
24	Investigation of Play and Toy Features of 3–6-Year-Old Children Living in Rural Areas in the Home Environment: Family Guidance in the Home Environment	TÜBİTAK
25	Investigation of the Effect of Music on the Psychological and Emotional States of Adolescents	TÜBİTAK
26	The Level of Participation in Traditional Swallowing Therapy Methods of Patients with Head and Neck Cancer and the Effectiveness of Homework in Swallowing Therapy	TÜBİTAK
27	Determination of the Effects of Transcranial Direct Current Stimulation Applied to the Temporoparietal Junction on Rapid Automatic Naming Performance	TÜBİTAK
28	Transferring the Application of Diabetes Prevention in Adults to Digital Platforms and Evaluating the Effects of the Application	TÜBİTAK
29	The Effect of Scenario-Based Simulation Method in Developing Empathic Tendency and Therapeutic Communication Skills of Nursing Students	TÜBİTAK
30	Investigation of Men's Depression Status and Quality of Life in Infertile Couples	TÜBİTAK
31	The Effect of Education Given with a Handmade Breast Simulator on the Knowledge Levels of Nursing Students About Breast Self-Examination	TÜBİTAK
32	The Effect of Zero Error Mobile Application on Nursing Students' Attitudes and Tendencies Towards Medical Errors	TÜBİTAK
33	The Effect of Hamstring Stretch Intensity on Muscle Elasticity and Lower Extremity Functions at Different Times	TÜBİTAK
34	Investigation of the Relationship of Intraoral Somatosensory Sensation with Head and Body Posture, Static and Dynamic Balance in Individuals with Developmental Stuttering: Development of an Assessment Parameter	TÜBİTAK
35	Investigation of the Effect of Kinesio Taping Applied to the Diaphragm and Accessory Respiratory Muscles in Healthy Individuals	TÜBİTAK
36	Investigation of Early Effects of Kinesio Taping on Deltoid Muscle Using Surface Electromyography	TÜBİTAK
37	Comparison of Body Pain, Burnout, Anxiety, Stress, Sleep and Quality of Life of Physiotherapists Working in Different Fields of Expertise	TÜBİTAK

NO	PROJECT NAME	FUNDED BY
38	Effects of Different Stretching Types on Gastrocnemius Muscle Viscoelastic Properties and Performance	TÜBİTAK
39	Acute Effect of Whole-Body Vibration on Sports Performance in Amateur Male Basketball Players	TÜBİTAK
40	Evaluation of Knowledge and Attitudes of Pregnant Women and Their Family Members Towards Postpartum Depression	TÜBİTAK
41	Gynecological Examination Fear Scale Development Study	TÜBİTAK
42	Effect of HPV Education Given to Women of Reproductive Age Between 18-49 Years of Age with Role-Play Technique on Their Knowledge Levels - Randomized Controlled Study	TÜBİTAK
43	Improving Waste Management in Healthcare Institutions: Production of Medical Gloves from Plastic Barcodes	TÜBİTAK
44	Analysis of Resveratrol's Anti-Aging Effect on Sirtuin Genes in Young and Old Mesenchymal Stem Cells	TÜBİTAK
45	Relationship of Sirtuin Expression with Prognostic Parameters in Larynx Carcinomas	TÜBİTAK
46	Investigation of Knowledge Levels of University Students in Different Faculties About Stuttering	TÜBİTAK
47	Development of Zinc-Containing Exosome-Based Therapeutic Agents in Leishmania Tropica Infected Wound Model	TÜBİTAK
48	Production of Antibacterial Wound Dressing from Nanoparticles Prepared Using Calendula Officinalis Plant Extract by Green Synthesis Method	TÜBİTAK

## ACTIVITIES / EVENTS

During the 2022-2023 academic year, academic units, student clubs, and research centers organized events to support the Health and Quality Life Sustainability Development Area.

The list of events taking place is as follows:

- 1) <https://www.istinye.edu.tr/en/events/nurses-day>
- 2) <https://www.istinye.edu.tr/tr/etkinlikler/hemsireler-gunu-0>
- 3) <https://www.istinye.edu.tr/en/events/role-physicians-artificial-intelligence-medicine>
- 4) <https://www.istinye.edu.tr/en/events/current-approaches-physiotherapy-digitalization-and-technology>
- 5) <https://www.istinye.edu.tr/en/events/sustainable-nutrition-cabin-crew>
- 6) <https://www.istinye.edu.tr/en/events/masterclass-radical-curative-approaches-treatment-peritoneal-metastases>
- 7) <https://www.istinye.edu.tr/en/events/articular-cartilage-engineering-training-school>
- 8) <https://www.istinye.edu.tr/en/events/aging-anti-aging-and-health-policies-21st-century>
- 9) <https://www.istinye.edu.tr/en/events/14-istanbul-family-medicine-congress-and-2-international-istanbul-health-sciences-congress>
- 10) <https://www.istinye.edu.tr/en/events/social-work-disasters>
- 11) <https://www.istinye.edu.tr/en/events/risk-reduction-disaster-management>
- 12) <https://www.istinye.edu.tr/en/events/disaster-area-projects-experience-sharing-meeting-2>
- 13) <https://www.istinye.edu.tr/en/events/disaster-area-projects-experience-sharing-meeting-1>
- 14) <https://www.istinye.edu.tr/en/events/crisis-interventions-after-earthquake>
- 15) <https://www.istinye.edu.tr/en/events/after-earthquake-public-health-approach>
- 16) <https://www.istinye.edu.tr/en/events/interdisciplinary-teamwork-health-education>
- 17) <https://www.istinye.edu.tr/en/events/1-health-literacy-symposium>
- 18) <https://www.istinye.edu.tr/en/events/sustainability-and-health-sector>
- 19) <https://www.istinye.edu.tr/en/events/ppp-symposium>
- 20) <https://www.istinye.edu.tr/en/events/mlpcare-psychology-committee-1st-symposium>
- 21) <https://www.istinye.edu.tr/en/events/medicres-ai-2023>
- 22) <https://www.istinye.edu.tr/en/events/innovations-pediatric-diseases-5>
- 23) <https://www.istinye.edu.tr/en/events/december-22-paramedic-day>
- 24) <https://www.istinye.edu.tr/tr/etkinlikler/gida-sektorunde-sekerleme-ve-sekerleme-teknolojisi>
- 25) <https://www.istinye.edu.tr/tr/etkinlikler/gida-sektorunde-mineralli-ve-aromali-icecekler>
- 26) <https://www.istinye.edu.tr/en/events/confectionery-and-confectionery-technology-food-industry>
- 27) <https://www.istinye.edu.tr/en/events/mineral-and-flavored-beverages-food-industry>
- 28) <https://www.istinye.edu.tr/tr/etkinlikler/taeder-pediatriden-geriatriye-her-yasta-saglik>
- 29) <https://www.istinye.edu.tr/en/events/taeder-health-all-ages-pediatrics-geriatrics>
- 30) <https://www.istinye.edu.tr/en/events/symposium-special-topics-pulmonary-rehabilitation>
- 31) <https://www.istinye.edu.tr/tr/etkinlikler/sik-gorulen-ortopedik-problemlerde-uygulamali-fizyoterapi-yaklasimlari-ust-kadran>
- 32) <https://www.istinye.edu.tr/tr/etkinlikler/saglik-verisi-ile-makine-ogrenmesi-modeli>
- 33) <https://www.istinye.edu.tr/en/events/machine-learning-model-health-data>
- 34) <https://www.istinye.edu.tr/en/events/health-ambassadors-award-ceremony>



- 35) <https://www.istinye.edu.tr/tr/etkinlikler/halk-sagligi-yaklasimiyla-deprem-sonrasi>
- 36) <https://www.istinye.edu.tr/en/events/data-preprocessing-presentation-analysis-health-data>
- 37) <https://www.istinye.edu.tr/en/events/applied-physiotherapy-approaches-common-orthopedic-problems-upper-quadrant>

**KABİN MEMURLARI İÇİN SÜRDÜRÜLEBİLİR BESLENME**



Istinye Üniversitesi Sivil Havacılık Kabin Hizmetleri Programı tarafından düzenlenen etkinliğe davetlisiniz.


**Elif CANİÖZ**  
Marmara Üniversitesi  
Beslenme ve Diyetetik  
3. Sınıf

**Ece Nur ALTER**  
Marmara Üniversitesi  
Beslenme ve Diyetetik  
3. Sınıf

**Beyza TURGUT**  
Marmara Üniversitesi  
Beslenme ve Diyetetik  
3. Sınıf

30.12.2022 10:00-12:00 Topkapı Kampüsü Kongre Merkezi İSÜ İSTİNYE ÜNİVERSİTESİ İSTANBUL

**AFETLERDE SOSYAL ÇALIŞMA**



Istinye Üniversitesi Sosyal Hizmet Bölümü tarafından düzenlenen çalışmaya davetlisiniz.

17-18 Mart 2023 10:00 Topkapı Kampüsü 1. Kat İSÜ İSTİNYE ÜNİVERSİTESİ İSTANBUL

**COST Action 21110 Istanbul School** 01<sup>st</sup> - 03<sup>rd</sup> DECEMBER 2023


**ARTICULAR CARTILAGE ENGINEERING TRAINING SCHOOL**

Join our training school to explore cutting-edge research on bone and cartilage histology, stem cells in osteoarthritis (OA) and their applications in orthopedics. Learn about tissue engineering, 3D bioprinting, regenerative medicine, biosensors, and the use of stem cell-rich stromal vascular fraction for knee OA treatments.

<https://acets2023.istinye.edu.tr/>

İSÜ İSTİNYE ÜNİVERSİTESİ İSTANBUL COST ACTION 21110 EUROPEAN COMMISSION The European Union NetwoArk

**MASTERCLASS FOR RADICAL CURATIVE APPROACHES TO TREATMENT OF PERITONEAL METASTASES**



10th of June 2023 09:00 - 19:00 Istinye University Vadi Campus Conference Hall Registration: Bülent Çelebiye Teyan 0555 389 04 89

10 speakers

**1. SAĞLIK OKURYAZARLIĞI SEMPOZYUMU**

**4 KASIM 2022 CUMA**

İSTİNYE ÜNİVERSİTESİ HONORER MERKEZİ

FARKLI Dallar FARKLI Bakışlar

BAŞVURU TARİHLERİ 22 Ekim - 3 Kasım QR KOD İLE BAŞVURU YAPABİLİRSİNİZ

MANİFESTO 1. ÜNİVERSİTEYE GİRİŞ DERSİ KAPSAMINDADIR. KATILIM 1 PUANDIR.

**PPP Symposium**

Arab Academy of Pediatrics Society (ArAPs) in collaboration with Istinye University Hospital (Pediatric Practical Practice Symposium)

**18th. March 2023**





# PUBLICATIONS

In the 2022-2023 academic year, there are 248 publications carried out by our university faculty members and supporting the Health and Quality of Life SDGs. These publications are as follows:

## 1. Article • Open Access

*Comparison of the efficacy of 5% versus 8% acetic acid concentrations for detecting premalignant and malignant lesions in colposcopy*

Yilmaz, A., Gulbahar, A., Sen, S.

*Medicine (United States), 2023*

## 2. Article

*MACHINE LEARNING-BASED STROKE DISEASE DIAGNOSIS USING ELECTROENCEPHALOGRAPH (EEG) SIGNALS*

Sawan, A.F., Awad, M., Qasrawi, R.F., Sowan, M.

*Journal of Engineering Science and Technology, 2023*

## 3. Article • Open Access

*SARS-CoV-2 Causes Brain Damage: Therapeutic Intervention with AZD8797*

Demirci, E.K., Alp Onen, E.A., Yilmaz, E.S., Köroğlu, A.K., Akakın, D.

*Microscopy and Microanalysis, 2023*

## 4. Article • Open Access

*Processing and Characterization of UV Irradiated HDPE/POSS Fibers*

Bicer, E., Kodal, M., Özkoç, G.

*Nanomaterials, 2023*

## 5. Article • Open Access

*High pre-chemoradiotherapy pan-immune-inflammation value levels predict worse outcomes in patients with stage IIIB/C non-small-cell lung cancer*

Topkan, E., Kucuk, A., Ozkan, E.E., ...Pehlivan, B., Selek, U.

*Discover Oncology, 2023*

## 6. Article • Open Access

*Predicting Teeth Extraction after Concurrent Chemoradiotherapy in Locally Advanced Nasopharyngeal Cancer Patients Using the Novel GLUCAR Index*

Somay, E., Topkan, E., Yilmaz, B., ...Mertsoylu, H., Selek, U.

*Diagnostics, 2023*

2022-2023 Academic Year Healthy and Quality Life (SDG-03) Report

## 7. Article

*Assessment of the Clinical Course of Human Rhinovirus/Enterovirus Infections in Pediatric Intensive Care*

Koçoğlu Barlas, Ü., Akçay, N., Menentoglu, M.E., ...Çitak, A., Yaman, A.

*Pediatric Infectious Disease Journal*, 2023

## 8. Conference Notice • Open Access

*Central Nervous System Outcomes of Lazertinib Versus Gefitinib in EGFR-Mutated Advanced NSCLC: A LASER301 Subset Analysis*

Soo, R.A., Cho, B., Kim, J., ...Park, S., Çiçin, İ.

*Journal of Thoracic Oncology*, 2023

## 9. Article

*The methanolic extracts of Teucrium polium L. and Micromeria fruticosa (L.) Druce subsp. brachycalyx P. H. Davis improve diabetes in streptozotocin/nicotinamide-induced type 2 diabetic female Sprague Dawley rats*

Sermet, S., Cam, M.E., Hazar-Yavuz, A.N., ...Kabasakal, L., Elçioğlu, H.K.

*Obesity Medicine*, 2023

## 10. Article

*Evaluation of 601 children with multisystem inflammatory syndrome (Turk MISC study)*

Yılmaz, D.K., Ekemen-Keles, Y., Emiroğlu, M.K., ...Çiftçi, E., Kara, A.

*European Journal of Pediatrics*, 2023

## 11. Compilation • Open Access

*Established and new treatment roadmaps for pleural mesothelioma: opinions of the Turkish Collaborative Group*

Kaplan, M.A., Şendur, M.A.N., Kayi Cangir, A., ...Özdemir, F., Özyiğit, G.

*Current Problems in Cancer*, 2023

## 12. Compilation

*Immune checkpoint inhibitor-related hearing loss: a systematic Derleme and analysis of individual patient data*

Güven, D.C., Erul, E., Kaygusuz, Y., ...De Luca, R., Rizzo, A.

*Supportive Care in Cancer*, 2023

## 13. Article • Open Access

*A comparison study between doxorubicin and curcumin co-administration and co-loading in a smart niosomal formulation for MCF-7 breast cancer therapy*

Saharkhiz, S., Zarepour, A., Nasri, N., Cordani, M., Zarrabi, A.  
*European Journal of Pharmaceutical Sciences*, 2023

#### 14. Article

*Metastasis-directed radiotherapy for non-small cell lung cancer failed under TKI: A case report and literature Derleme | Radiothérapie dirigée sur les métastases de cancer du poumon non à petites cellules en échec sous inhibiteurs de la thyrosine kinase : cas clinique et revue de la littérature*

Kahvecioğlu, A., Kiliçkap, S., Hürmüz, P.  
*Cancer/Radiotherapie*, 2023

#### 15. Compilation

*The increasing importance of novel deep eutectic solvents as potential effective antimicrobials and other medicinal properties*

Siddiqui, R.B., Khodja, A., Ibrahim, T.H., ...Anwar, A., Khan, N.A.  
*World Journal of Microbiology and Biotechnology*, 2023

#### 16. Article

*The mediating effect of job motivation on the relationship between career barriers and nurses' turnover intention*

Yeşilyurt, T., Göktepe, N., Polat, Ş.  
*Collegian*, 2023

#### 17. Article

*Choroidal structural changes in patients with early diabetic nephropathy*

Isık, B., Süleymanzade, M., Cengiz, M., ...Harmankaya, N.O.K., Ersöz, M.G.  
*Photodiagnosis and Photodynamic Therapy*, 2023

#### 18. Article • Open Access

*A machine learning decision support system for determining the primary factors impacting cancer survival and their temporal effect*

Dag, A.Z., Johnson, M.E., Kibis, E.Y., ...Cankaya, B., Delen, D.  
*Healthcare Analytics*, 2023

#### 19. Article • Open Access

*Machine learning techniques for the identification of risk factors associated with food insecurity among adults in Arab countries during the COVID-19 pandemic*

Qasrawi, R.F., Hoteit, M., Tayyem, R.F., ...Polo, S.V., Al-Halawa, D.A.  
*BMC Public Health*, 2023

**20. Article**

*Compassion Fatigue in Nurses Providing Palliative Cancer Care and Coping Strategies to Prevent and Manage it*

Pehlivan Saribudak, T.

*Seminars in Oncology Nursing*, 2023

**21. Article**

*Pollution and health risk assessment of heavy metals in the surface sediments of Timsah Lake, Suez Canal, Egypt*

Nasr, R.A., Shetaia, S.A., Lasheen, E.S.R., Dar, M.A.R., Zakaly, H.M.

*Environmental Nanotechnology, Monitoring and Management*, 2023

**22. Article**

*Synthesis of flurbiprofen thiadiazole urea derivatives and assessment of biological activities and molecular docking studies*

Zengin Kurt, B., Altundağ, Ö., Tokgöz, M.N., ...Akdemir, A., Sönmez, F.

*Chemical Biology and Drug Design*, 2023

**23. Article • Open Access**

*Comparison of anti-spike IgG, anti-spike IgA levels and neutralizing antibody activity induced by CoronaVac and BNT162b2 vaccines in patients with inflammatory rheumatic diseases receiving immunosuppressive therapy*

Çoşan, F., Demirel, O.U., Yalcin, D., ...Ceylan, E., Avşar, T.

*BMC Rheumatology*, 2023

**24. Article • Open Access**

*Ultrasound guided versus blinded injection in trigger finger treatment: a prospective controlled study*

Tunçez, M., Turan, K., Aydın, Ö.D., Çetin Tunçez, H.

*Journal of Orthopaedic Surgery and Research*, 2023

**25. Article**

*Investigation of Adherence to Immunosuppressive Therapy, Perceived Spousal Support and Sexual Dysfunction in Female Liver Recipients*

Bülbüloğlu, S., Kula Sahin, S.

*Sexuality Research and Social Policy*, 2023

**26. Compilation**

*Biogenic synthesis of novel nanomaterials and their applications*

2022-2023 Academic Year Healthy and Quality Life (SDG-03) Report

Chormey, D.S., Zaman, B.T., Borahan Kustanto, T., ...Nejati, O., Bakırdere, S.  
Nanoscale, 2023

### 27. Article • Open Access

*A case report of giant malignant schwannoma of the sciatic nerve associated with neurofibromatosis-1: A CARE-compliant Makale*

Gökkuş, K., Saylık, M., Birtay, T., Sahin, M.S.  
Medicine (United States), 2023

### 28. Article

*Synthesis, Characterization and Apoptosis Capabilities of a Novel Naphthoquinone-Derived Compound in Triple-Negative Breast Cancer*

Adacan, K., Gökmen, Z., Okan Akar, R., ...Karakaş, D., Ulukaya, E.  
ChemistrySelect, 2023

### 29. Article • Open Access

*The safety and efficacy of first-line atezolizumab plus bevacizumab in patients with unresectable hepatocellular carcinoma: A multicenter real-world study from Turkey*

Akyildiz, A., Guven, D.C., Ozluk, A.A., ...Şendur, M.A.N., YalÃşin, A.  
Medicine (United States), 2023

### 30. Article • Open Access

*Mean Platelet Volume to Lymphocyte Ratio: A New Biomarker Predicting Response in Patients with Solid Tumors Treated with Nivolumab*

Yildirim, H.C., Kus, F., Guven, D.C., ...YalÃşin, A., Kiliçkap, S.  
Journal of Immunotherapy and Precision Oncology, 2023

### 31. Article

*Effect of grand multiparity on maternal, obstetric, fetal and neonatal results*

Başkıran, Y., Uçkan, K., Çeleğen, İ.  
European Derleme for medical and pharmacological sciences, 2023

### 32. Article

*A Differential Transcriptional Regulome Approach to Unpack Cancer Biology: Insights on Renal Cell Carcinoma Subtypes*

Caliskan, A., Arğa, K.Y.  
OMICS A Journal of Integrative Biology, 2023

### 33. Compilation • Open Access

*Rhabdomyosarcoma: Current Therapy, Challenges, and Future Approaches to Treatment Strategies*

Zarrabi, A., Perrin, D.L., Kavoosi, M., ...Gordon, J.W., Ghavami, S.

Cancers, 2023

### **34. Article • Open Access**

*Pretreatment Masseter Muscle Volume Predicts Survival in Locally Advanced Nasopharyngeal Carcinoma Patients Treated with Concurrent Chemoradiotherapy*

Pehlivan, U.A., Somay, E., Yilmaz, B., ...Selek, U., Topkan, E.

Journal of Clinical Medicine, 2023

### **35. Article • Open Access**

*Unveiling the molecular Culprit of arterial stiffness in vitamin D deficiency and obesity: Potential for novel therapeutic targets*

Elmoselhi, A.B., Bouzid, A., Allah, M.S., ...Khan, N.A., Hamoudi, R.A.

Heliyon, 2023

### **36. Article**

*Unreported rare but serious complication: Major vascular injuries during bariatric surgery | Rapor edilmemiş nadir fakat ciddi bir komplikasyon: bariatrik cerrahi sırasında major vasküler yaralanmalar*

Aktokmakyan, T.V., Peksen, C., Savaş, O.A., Sümer, A.

Ulusal Travma ve Acil Cerrahi Dergisi, 2023

### **37. Article**

*Estimated plasma volume is not a robust indicator of the severity of congestion in patients with heart failure*

Çetin Güvenç, R., Güvenç, T.S., Akil, M.A., ...Vural, M.G., Yilmaz, M.B.

American Journal of the Medical Sciences, 2023

### **38. Article**

*Is there any prognostic significance in pleural involvement and/or effusion in patients with ALK-positive NSCLC?*

Güner, G., Aktaş, B.Y.Y., Başal, F.B., ...Korkmaz, T., Kiliçkap, S.

Journal of Cancer Research and Clinical Oncology, 2023

### **39. Compilation**

*(Nano)platforms in breast cancer therapy: Drug/gene delivery, advanced nanocarriers and immunotherapy*



Ashrafizadeh, M., Zarrabi, A., Bigham, A., ...Sethi, G., Shen, M.  
*Medicinal Research Derlemes*, 2023

#### **40. Article**

*An analytical approach to determining pethidine: An investigation of 18 patients' urine*  
 Arslan, Z., Kartufan, F.F., Kuloglu Genc, M., ...Yayla, M., Türkmen, Z.  
*Journal of Pharmaceutical and Biomedical Analysis*, 2023

#### **41. Article • Open Access**

*Is it possible that we can increase the lymph node number in cases with rectum tumor receiving neoadjuvant therapy?*  
 Şengiz-Erhan, S., Keser, S.H., Kamali, G.H., ...DiNçer, S.T., Sağlam, F.  
*Indian Journal of Pathology and Microbiology*, 2023

#### **42. Article • Open Access**

*Empowering Cancer Therapy: Comparing PEGylated and Non-PEGylated Niosomes Loaded with Curcumin and Doxorubicin on MCF-7 Cell Line*  
 Saharkhiz, S., Zarepour, A., Zarrabi, A.  
*Bioengineering*, 2023

#### **43. Compilation • Open Access**

*Uncovering the promising role of grape pomace as a modulator of the gut microbiome: An in-depth Derleme*  
 Sinrod, A.J.G., Shah, I.M., Surek, E., Barile, D.  
*Heliyon*, 2023

#### **44. Article**

*The seasonal variation of ambient gamma radiation dose rate and health risk assessment in North Coast, Mediterranean Sea*  
 Abbasi, A., Zakaly, H.M., Bashiry, V., Alrowaily, A.W., Mirekhtiary, F.S.  
*Journal of Radioanalytical and Nuclear Chemistry*, 2023

#### **45. Article**

*A Retrospective Analysis of 83 Patients with Testicular Mass Who Underwent Testis-Sparing Surgery: The Eurasian Uro-oncology Association Multicenter Study*  
 Keske, M., Canda, A.E., Karadağ, M.A., ...Albayrak, S., Laguna, M.P.  
*Urologia Internationalis*, 2023

#### **46. Article • Open Access**

*Exploring the intention and hesitancy to receive a booster dose of COVID-19 vaccine among patients with comorbid disease conditions using a health belief model | Exploración de la intención y la vacilación de recibir una dosis de refuerzo de la vacuna COVID-19 entre pacientes con condiciones comórbidas utilizando un Modelo de creencias de salud*

Al-Taie, A., Yilmaz, Z.K.

Vacunas, 2023

#### **47. Article**

*The relation of right ventricular outflow tract measurements with in-hospital clinical outcomes after tricuspid valve surgery*

Güler, A., Kahveci, G., Tanboga, İ.H., ...Kalkan, A.K., Babür Güler, G.

International Journal of Cardiovascular Imaging, 2023

#### **48. Article**

*Changing presentation of acromegaly in half a century: a single-center experience*

Demir, A.N., Sulu, C., Kara, Z., ...Gazioglu, N., Kadioğlu, P.

Pituitary, 2023

#### **49. Article**

*Spray assisted preconcentration method combined with HPLC – Continuous flow hydride generation – FAAS for inorganic arsenic speciation in olive oil samples*

Bodur, S., Erarpat Bodur, S., Tutar, Ö.F., Bakırdere, S.

Journal of Food Composition and Analysis, 2023

#### **50. Article • Open Access**

*An analytical approach to evaluate the impact of age demographics in a pandemic*

Abdulrashid, I., Friji, H., Topuz, K., ...Delen, D., Massoud, Y.

Stochastic Environmental Research and Risk Assessment, 2023

#### **51. Article • Open Access**

*A closer look at the utilized radiation doses during computed tomography pulmonary angiography (CTPA) for COVID-19 patients*

Abuzaid, M.M., Elshami, W.E., Cavli, B., ...ALMisned, G., Tekin, H.O.

Radiation Physics and Chemistry, 2023

#### **52. Article**

*Automated breast cancer detection in mammography using ensemble classifier and feature weighting algorithms*

Yan, F., Huang, H., Pedrycz, W., Hirota, K.

*Expert Systems with Applications, 2023*

**53. Article**

*Ex vivo expansion of natural killer cells for hematological cancer immunotherapy: a systematic Derleme and meta-analysis*

Çubukçu, H.C., Mesutoğlu, P.Y., Cengiz Seval, G., Beksac, M.S.

*Clinical and Experimental Medicine, 2023*

**54. Article**

*AAT: does it have a place in acute leukemia?*

Doğu, M.H., Ozcelik, B., Akbulut, Y.E., ...Bektas, E., Serin, I.

*Biomarkers in Medicine, 2023*

**55. Compilation • Open Access**

*Safety of lorlatinib in ALK-positive non-small-cell lung cancer and management of central nervous system adverse events*

Kiliçkap, S., Ak, S., Dursun, O.U., ...Karadurmuş, N., Demirci, U.

*Future Oncology, 2023*

**56. Article • Open Access**

*Factors associated with children's dietary patterns during COVID-19 pandemic lockdown: a multinational study across Middle Eastern Arab Nations*

Ayoub, K.H., Mukattash, T.L., al-Nabulsi, A.A.R., ...Jarab, A.S., Itani, R.M.

*Journal of Public Health and Development, 2023*

**57. Article • Open Access**

*Molecular characterisation and potential pathogenicity analysis of Acanthamoeba isolated from recreational lakes in Peninsular Malaysia*

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*The Prognostic Value of the Novel Global Immune-Nutrition-Inflammation Index (GINI) in Stage IIIC Non-Small Cell Lung Cancer Patients Treated with Concurrent Chemoradiotherapy*

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*The Relationship Between Epicardial Adipose Tissue and Visceral Adiposity Indexes in Individuals Without Established Atherosclerotic Cardiovascular Disease and Diabetes Mellitus*

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*Five-Year Outcome and Safety in Patients Treated With Immune Checkpoint Blockade*

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*Evidence for heterogeneity in response to treatment in mammary tumors of dogs as happens in humans*

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**246. Article**

*Comparison of frequency of silent cerebral infarction as assessed by serum neuron specific enolase in patients with non-valvular atrial fibrillation: Warfarin versus direct oral anticoagulant*

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*Novel tetrakis-phthalocyanines bearing pyrimidine derivative: crystal XRD analysis, enzyme inhibition, molecular docking, and anticancer effects*

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