



# Institute of Health Sciences *Newsletter*



## 2022 Graduation Ceremony

2021-2022 academic year Msc & PhD Students are successfully graduated from their programmes.



In 2021-2022 academic year 179 students are graduated from Yeditepe University Institute of Health Sciences. While 36 of our students received their doctorate degrees, 143 of our students successfully completed their master's programs. Institute of Health Sciences at Yeditepe University has graduated a total of 1655 students since the date it's founded.

Our graduation ceremony is honored with attendance of our founding president Bedrettin Dalan, our rector Prof. Dr. Canan Aykut Bingöl, vice rectors and directors of our institutes. After the speech of our founding president Bedrettin Dalan our students received their diplomas and certificates of achievement. We wish our graduates success in their careers and future lives.

### Welcome by the Editor

Dear Graduate Students & Professors,

It is my great pleasure to share with you the second issue of Institute of Health Sciences Newsletter.

In this issue, graduation of 2021-2022 academic year ceremony, Science Day, introduction of Public Health MSc program, News & Events including Nursing Week, Oral and Poster presentation awards at scientific meetings, news from alumni and names, programs and thesis titles of recent graduates are included.

News and events will be periodically published in the Newsletter. Please send us publications and achievements of your students, announcements of admissions to our postgraduate programs, opening of new programs, presentation of your lab or clinic. Alumni are welcome to share their professional experience & success with our readers. We look forward to hearing from you and receiving your contributions.

**Prof. Dr. Bayram Yılmaz**  
Director, Institute of Health Sciences

### In this issue

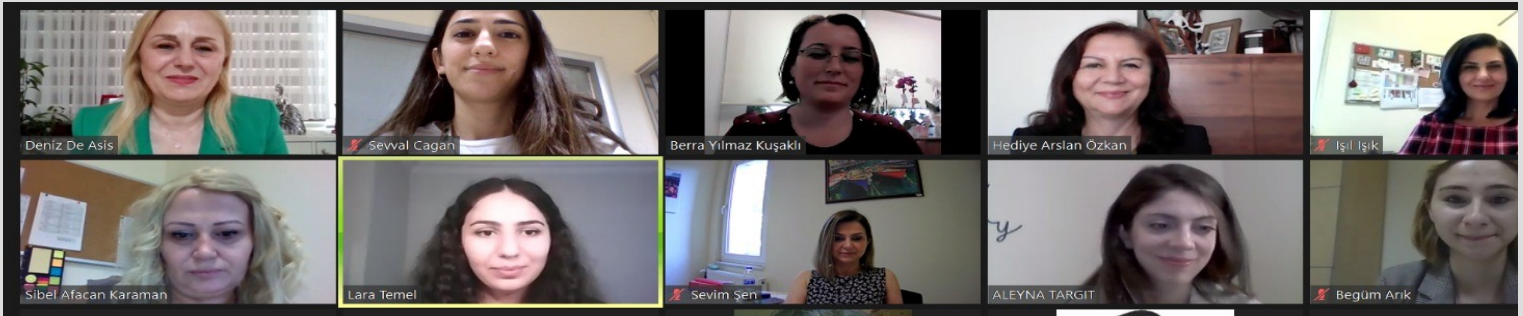
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### News & Events

As part of the 12-18 May Nursing Week, a digital Nursing Symposium was organised at Yeditepe University. In the opening session, Prof. Dr. Hediye Arslan Özkan presented a talk about "Nursing from Past to Present". In the second session, Ayşe Başkan gave a lecture on Nursing and Innovative Thinking in the Digital Age. CNS Sevda Topal shared her opinions and perspective on Interactive Nursing with the participants. It is a pleasure to thank to the organisers and everyone who contributed to this symposium. On this occasion, Happy Nurses Day to all our nurses and graduates who are struggling with COVID-19 in the field during the pandemic period.



### Best Oral Presentation Award 47th National Physiology Congress

It is pleasure to congratulate Deniz Öykü Özen for the Best Oral Presentation Award at the 47th National Physiology Congress that was organized in Antalya between 1-4 November 2022. Title of her study was "The Effects of Hypothalamic Paraventricular Oxytocin Neurons on the Hypofrontality in Transgenic Male Mice". Deniz Öykü Özen is a PhD student in Physiology program at Yeditepe University Institute of Health Sciences. This study was based on Deniz's masters thesis that was completed at the Brain Research Laboratory of Physiology Department.



### Best Poster Award 20th National Neuroscience Congress

Zehra Yağmur Erol (student of Medical Physiology PhD program at Yeditepe University) won 2nd place poster award with her study titled "Investigation of the Electrical and Behavioral Effects of Diet on TMNLepR Neurons in Mice" at 20th National Neuroscience congress organized on 19-23 October 2022 at Acibadem University. We wish her continued success. This study was based on Zehra's masters thesis that was completed at the Brain Research Laboratory of Physiology Department at the Faculty of Medicine.





## News & Events

A virtual Science Day program was organised on 16th June 2022. The program included presentation of Yeditepe University Ethics Boards, Academic Open Archive and a seminar on authorship rights in scientific publications. The seminar was given by Prof. Dr. Ferhan Sağın (Ege University, Faculty of Medicine, Department of Biochemistry, İzmir). She introduced who should be listed as authors in scientific publications, ethical principles and potential conflict of interests among researchers. After the seminar, Prof. Dr. Ferhan Sağın answered a large number of questions from Yeditepe University post-graduate students and professors. It was intended that presentation of authorship rights and conflicts would be highly beneficial to our students in their careers, especially in avoiding common ethical violations.

SAĞLIK BİLİMLERİ ENSTİTÜSÜ

# BİLİM GÜNÜ

15.00 - 15.05	Açılış
15.05 - 15.15	Yeditepe Üniversitesi Etik Kurulları
15.15 - 15.30	Akademik Açık Arşiv ve Pre-print (Ön baskı) Yayın Sisteminin Tanıtımı
15.30 - 16.30	Seminer: Prof. Dr. Ferhan Sağın <b>Bilimsel Yayınlarda Yazarlık</b> Yazarlığı kim hak ediyor? Sıralama nasıl olmalı? Yazarlık hakkı ve sıralamaya ilgili çıkar çatışmaları

16 Haziran Perşembe  
15.00 - 17.00

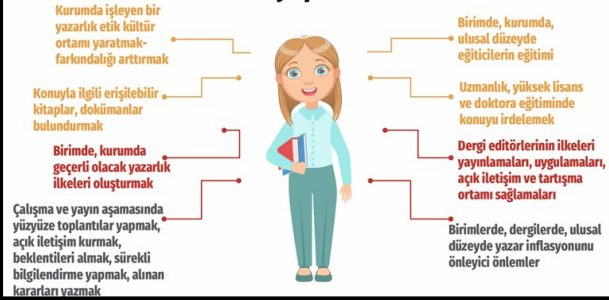
## Bilimsel yayınlarda yazarlık

Ferhan G. Sağın

Ege Üniversitesi Tıp Fakültesi, Tıbbi Biyokimya AD



## Neler yapabiliriz?



## Public Health Master's Program

Public health, one of the internal scientific disciplines of medicine, aims to prevent disease, prolong life, and improve health of populations. It includes activities to improve physical, biological, social, cultural, economic, and psychological environments that play a role in the formation of diseases. Public health is a broad discipline including various topics such as epidemiology, biostatistics, environmental health, health economics, health policies, occupational health, maternal and child health, communicable diseases, and non-communicable diseases. The master's degree in public health is of great importance in terms of bringing young, qualified, well-educated researchers and public health professionals who have the opportunity to work scientifically in a wide range of fields. The main duties of an individual who has completed public health training are to determine the existing and possible health problems of a population, and the determinants of these problems, to produce solutions by developing health policies, to carry out public health programs, and to control and evaluate these programs.





## Graduates from the MSc and PhD Programs during March - December 2022

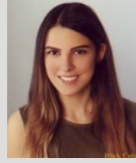
**Graduate:** Nilüfer Kılıç

**Program:** Sports Physiotherapy MSc

**Supervisor:** Prof. Dr. Feryal Subaşı

**Date of graduation:** 17.03.2022

**Thesis title:** "The Effect of Neromuscular and Vestibulo Ocular Reflex Training Program on Balance and Isokinetic Muscle Strength in Subjects with Chronic Ankle Instability."



**Graduate:** İrem Üner

**Program:** Sports Physiotherapy MSc

**Supervisor:** Prof. Dr. Feryal Subaşı

**Date of graduation:** 17.03.2022

**Thesis title:** "Evaluation of Static and Dynamic Balance Among Subjects Having Crossfit Training Regularly."



**Graduate:** Heba Yasir Mohammad Qassim

**Program:** Sports Physiotherapy MSc

**Supervisor:** Dr. Şule Hantal

**Date of graduation:** 17.03.2022

**Thesis title:** "Croos-Cultural Adaptation, Reliability and Validity of VISA-A Questionare in Standart Arabic Language."



**Graduate:** Ammar Quawasmi

**Program:** Orthodontics MSc

**Supervisor:** Doç. Dr. Burcu Nur Yılmaz

**Date of graduation:** 17.03.2022

**Thesis title:** "Evaluation of 3D Printers Accuracy in Printing Attachments of Clear Aligner."



**Graduate:** Sena Aksoy

**Program:** Neuroscience PhD

**Supervisor:** Prof. Dr. Bayram Yılmaz

**Date of graduation:** 15 January 2022

**Thesis title:** "Investigation of Neurobiological and Biochemical Changes In Determination of Reperfusion Response to Intravenous Thrombolytic and Mechanical Thrombectomy Treatments In Acute Ischemic Stroke Patients."



**Graduate:** İlkay Tuğçe Köse

**Program:** Physiotherapy and Rehabilitaion MSc

**Supervisor:** Dr. Çiğdem Yazıcı Mutlu

**Date of graduation:** 17.03.2022

**Thesis title:** "Effects of Sleep Quality and Daytime Sleepiness on Postural control in Healthy Young Adults."



**Graduate:** Fatma Şahin

**Program:** Physiotherapy and Rehabilitaion MSc

**Supervisor:** Prof. Dr. Rasmi Muammer

**Date of graduation:** 17.03.2022

**Thesis title:** "Validity and Reliability of the Turkish Version of The Elder Abuse Suspicion Index (EASI)."



**Graduate:** Beyzanur Beğenen

**Program:** Physiotherapy and Rehabilitaion MSc

**Supervisor:** Dr. Çiğdem Yazıcı Mutlu

**Date of graduation:** 17.03.2022

**Thesis title:** "The Effect of Menopause Period on Posture and Functional Activity of Housewives."



**Graduate:** Mehmet Musa İşik

**Program:** Physiotherapy and Rehabilitaion MSc

**Supervisor:** Dr. Çiğdem Yazıcı Mutlu

**Date of graduation:** 17.03.2022

**Thesis title:** "Comparison of Elderly People Living at Home or Nursing Home in Terms of Hand Functions in COVID-19 Pandemic."



**Graduate:** Firas Khoubbieh

**Program:** Physiology MSc

**Supervisor:** Prof. Dr. Bayram Yılmaz

**Date of graduation:** 17.03.2022

**Thesis title:** "Effects of Methylphenidate on the Onset of Puberty and Reproductive System in Male and Female Rat Models."





## Graduates from the MSc and PhD Programs during March - December 2022

**Graduate:** Hajer Aswaisi

**Program:** Pharmaceutical Chemistry MSc

**Supervisor:** Dr Ebru Türköz Acar

**Date of graduation:** 17.03.2022

**Thesis title:** "Simultaneous Determination of Flurbiprofen and Thiocolchicoside in Pharmaceutical Preparations by HPLC."



**Graduate:** Berna Özelgün

**Program:** Neuroscience PhD

**Supervisor:** Prof. Dr. Bayram Yılmaz

**Date of graduation:** 02.02.2022

**Thesis title:** "The Investigation of Neuroendocrine Effects of Methylphenidate in Cell Culture."



**Graduate:** Esra Külahlı Yongacı

**Program:** Nutrition & Dietetics MSc

**Supervisor:** Dr. İrem Kaya Cebioğlu

**Date of graduation:** 17.03.2022

**Thesis title:** "Investigating The Increasing Education Level on the Opinions Attitudes and Practices of Nutrition and Dietetic Students About Nutritional Supplements."



**Graduate:** Sirageddin Mohamed Amer Al-Hmadi

**Program:** Prosthetics PhD

**Supervisor:** Prof. Dr. Nuray Çapa Yıldırım

**Date of graduation:** 02.02.2022

**Thesis title:** "Evaluation of Shear Bond Strength of Two Highly Translucent Monolithic Zirconia CAD/CAM Materials to Self Adhesive Resin Cement After Different Surface Pretreatment."



**Graduate:** Ayşegül Yağız

**Program:** Nutrition & Dietetics MSc

**Supervisor:** Doç. Dr. Hülya Demir

**Date of graduation:** 17.03.2022

**Thesis title:** "Evaluation of Staff Working in the Kitchen of Corporation that Provides Collective Nutrition Service in Istanbul in Terms of Hygiene and Sanitation."



**Graduate:** İlğaz Özer

**Program:** Orthodontics PhD

**Supervisor:** Prof. Dr. Didem Nalbantgil

**Date of graduation:** 02.02.2022

**Thesis title:** "An Evaluation on The Effect of The MIR Appliance on The Force Resistance and Stability of Mini Screws of Different Lengths and Diameters."



**Graduate:** Wesam Taleb Mohammed Alzeer

**Program:** Sport Physiotherapy MSc

**Supervisor:** Dr. Şule Hantal

**Date of graduation:** 02.02.2022

**Thesis title:** "Applied Virtual Reality Techniques in Musculoskeletal Assessment of Cervical Ergonomic Disorders Among Dentist."



**Graduate:** Sibel Uzunok Akçiçek

**Program:** Nursing MSc

**Supervisor:** Dr. Sevim Şen

**Date of graduation:** 02.02.2022

**Thesis title:** "The Effect of Post-Training Telephone Follow-up on Anxiety and Treatment Compliance in Individuals with Percutaneous Coronary Intervention (PCI)."



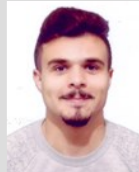
**Graduate:** Hamza Taleb Mohammad Alzeer

**Program:** Sport Physiotherapy MSc

**Supervisor:** Dr. Şule Hantal

**Date of graduation:** 02.02.2022

**Thesis title:** "Ergonomic Analysis and Awareness in Office Work and its Impact on Postural, Physical and Functional Parameters of Spine Health."



**Graduate:** Begüm Arık

**Program:** Nursing MSc

**Supervisor:** Prof. Dr. Hediye Arslan Özkan

**Date of graduation:** 02.02.2022

**Thesis title:** "Evaluating the Effects of Virtual Game Simulations in Women's Health and Disease Nursing Undergraduate Skills Teaching."





## Graduates from the MSc and PhD Programs during March - December 2022

**Graduate:** Sevde Karakul  
**Program:** Public Health MSc  
**Supervisor:** Doç. Dr. Güldal İzbirak  
**Date of graduation:** 17.03.2022  
**Thesis title:** "Validity and Reliability of the Turkish Version of the Elder Abuse Suspicion Index (EASI)."



**Graduate:** Suzanne Ibrahim Abed Khatib  
**Program:** Public Health MSc  
**Supervisor:** Dr. Hale Arık Taşyikan  
**Date of graduation:** 20.01.2022  
**Thesis title:** "General Health Status, Occupational Accidents, and Psychosocial Factors at Work Among Nurses in Palestine."



**Graduate:** Saibe Merve Kazdal  
**Program:** Public Health MSc  
**Supervisor:** Dr. Hale Arık Taşyikan  
**Date of graduation:** 02.02.2022  
**Thesis title:** "Evaluation of Psychosocial Factors and Methods of Coping With Stress in Healthcare Workers Working in the Pandemic Hospital During the Covid-19 Pandemic."



**Graduate:** Asunur Özkaldım  
**Program:** Phytoteraphy MSc  
**Supervisor:** Prof. Dr. Erdem Yeşilada  
**Date of graduation:** 20.01.2022  
**Thesis title:** "Evaluation of Knowledge and Attitude Changes of Physicians and Dietitians to Nutritional Supplements and Herbal Products with the Effect of Covid-19 Pandemic."



**Graduate:** Gull E Rana Khan  
**Program:** Public Health MSc  
**Supervisor:** Prof. Dr. Recep Erol Sezer  
**Date of graduation:** 02.02.2022  
**Thesis title:** "Knowledge, Attitude and Consumption Patterns of Trans Fats and Sugar Sweetened Beverages Among University Students in Pakistan."



**Graduate:** Gülşah Selin Akyüz  
**Program:** Pharmacognosy PhD  
**Supervisor:** Prof. Dr. Erdem Yeşilada  
**Date of graduation:** 02.02.2022  
**Thesis title:** "Pharmacognostic Researches on Pinus Species Growing in Turkey."



**Graduate:** Duygu Şengezer  
**Program:** Public Health MSc  
**Supervisor:** Dr. Hale Arık Taşyikan  
**Date of graduation:** 02.02.2022  
**Thesis title:** "Effects of Technological Device Use of Middle School Students During Pandemic Process on Different Health Variables."



**Graduate:** Burcu Hız Temizer  
**Program:** Health Physics MSc  
**Supervisor:** Prof. Dr. Şerife İpek Karaaslan  
**Date of graduation:** 20.01.2022  
**Thesis title:** "Calculation of Detector Specific Output Correction Factors Based on IAEA-AAPM Trs-483 for 6 mv Fat/Unflat Photon Beams and Comparison with Literature."



Yeditepe University  
Graduate School of Health Sciences  
Master's and Doctorate Programs Applications Have Started



## ALUMNI

### Dr. Berna Özelgün (2022 Graduate of Neuroscience PhD Program)

I completed Yeditepe Medical School, with a minor in Genetics and Bioengineering and joined pharmaceutical industry to expand my footprint in the research and access to medications improving human life. My passion for learning brought me back to Yeditepe to pursue a PhD in Neuroscience.

I always felt privileged and grateful to be part of the Yeditepe Health Sciences community, a hub for continual learning and growing.

During my time in PhD, in course of the stimulating lectures, I am honored to learn from Bayram Yılmaz, Daniela Schulz, Aylin Yaba Uçar, Hakan Atalay and many more that I could not list the name. During which, we discussed the functions of how neural systems work in a multi-disciplinary manner with esteemed peers from disciplines waring from electrical engineering to philosophy and explored new paths to expand the horizon of current understanding.

Besides the opportunity to learn from the top academicians in Yeditepe, I had the chance to meet and closely work with renown scientist nationwide and around the world like David Carpenter, Ian Wilmot, Eva Redei, David Suk and Süleyman Sandal.

In my thesis, I investigated if commonly used ADHD medication can have effects on initiation of puberty on a cellular level and explored the possibility of alternative uses and repurposing of the molecule.

The learnings not only served me in academic life but had practical implementations on how I see the world every day.



## Institute of Health Sciences Administration & Staff



**Institute Vice Director**  
Prof. Dr. Esra Önen Bayram



**Institute Director**  
Prof. Dr. Bayram Yılmaz



**Institute Vice Director**  
Prof. Dr. Derya Çakan



**Institute Secretary**  
Hasan Koç



**Digital Publication  
Coordinator**  
Mert Uzbay