

## **Prof. NURAY YAZIHAN**

### **Personal Information**

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**Other Email:** [nurayyazihan@yahoo.com](mailto:nurayyazihan@yahoo.com)

**Web:** <https://avesis.ankara.edu.tr/nyazihan>

### **International Researcher IDs**

ScholarID: Yazihan

ORCID: 0000-0003-1237-8468

Publons / Web Of Science ResearcherID: AAF-5819-2020

ScopusID: 16644265800

Yoksis Researcher ID: 55586

### **Biography**

#### **ACADEMIC CAREER**

1986-1994: Medical Doctor (M. D.)Hacettepe University, Faculty of Medicine

2001-2004: Physiology Specialist programme (Specialist, Osmangazi University, FacultyofMedicine)

2004-2007: Pathophysiology doctorate programme (PhD, Ankara University, FacultyofMedicine, Internal Medicine)

2009- 2014: Associate Professor degree in Physiology (The Interuniversity Council of Turkey)

2012-2014: Associate Professor degree in Pathophysiology (Internal Medicine) (The Interuniversity Council of Turkey)

2014- : Prof.Dr. Ankara University, Medical Faculty, Pathophysiology (Internal Medicine)

2017- : Prof.Dr. Ankara University, Institute of Health Sciences, Interdisciplinary Food, Metabolism and Clinical Nutrition Department

#### **Years within the health sector:**

**7 years of experience in the TC Ministry of Health, Director of Hemodialysis Unit -Cankiri Government Hospital (1994-2001)**

**20 years in academic community**

**3 years of experience in Osmangazi University, Faculty of Medicine (2001-2004)**

**17 years of experience in Ankara University, Faculty of Medicine, Internal Medicine/Pathophysiology (2004-)**

**15 years experiences in program and budgetary issues of public health programs and projects**

**15 years in strategic planning and project management in health sector**

**Title/Position :**

1. **Prof.Dr, Academic Member and Head of Pathophysiology Department, Internal Medicine, Ankara University, Faculty of Medicine**
2. **Prof.Dr, Academic Member and Head of Food Metabolism and Clinical Nutrition Department, Ankara University,**
3. **Head of Pathophysiology Food, Metabolism and Clinical Nutrition Research and Application Centre, Ankara University,**
4. Ankara University, Faculty of Medicine, Head of Research Strategies Commission 2017-
5. Ankara University, Faculty of Medicine, Member of Accreditation, Quality and Strategy Development Commission 2018-2022
6. Ankara University, Faculty of Medicine, Clinical Research Coordination Center Executive Committee 2019-
7. Ankara University, TTO- Medical Faculty representative 2013-
8. Ankara University Institute of Health Sciences- Faculty of Medicine Internationalization commission representative 2017-
9. Ankara University Institute of Health Sciences- Faculty of Medicine Unit Quality Commission representative 2017-
10. Ankara University Health Sciences Institute-Board Member 2019-
11. Ankara University Faculty of Medicine Human Research Ethics Committee President 2019-2022
12. Ankara University Faculty of Medicine Clinical Research Ethics Committee Member 2019-2022
13. The ECA Validation group (ECA's Process Validation Good Practice Guide) 2018-
14. The ECA Pharmaceutical Microbiology Working Group 2018-
15. The International Consortium for Personalised Medicine (ICPerMed) -Turkey expert 2018-
16. TUBITAK Turkish Science, Technology and Innovation Policy Board (BTYPK) Food Supply Security Working Group 2020
17. TUSSIDE -Improving Medical Experiment Processes for Testing and Application Focus Group- 2020
18. TUSSIDE -Smart Life and Health Focus group – 2020
19. Scientific board member of Turkish Liver Research Association- Nonalcoholic Liver Disease M/NAFLD) Workshop Head of focus group:Economic cost analysis of prevention and treatment strategies 2021
20. Scientific board member of Turkish Liver Research Association- Hepatocellular carcinoma Workshop Head of focus group:Economic cost analysis of prevention and treatment strategies 2022
21. Local Expert- UNDP 2021-Local Administration reform project –LAR-III- Public health standarts (LOCAL INDIVIDUAL CONSULTANT FOR DEVELOPING AND IMPLEMENTING LOCAL SERVICE DELIVERY STANDARDS FOR PUBLIC HEALTH IN ORDER TO SIMPLIFY THE PROCESSES FOR SERVICE PROVISION)

**Membership of professional bodies:**

1. Turkish Society of Physiological Sciences (TFBD), 2000-

2. The Physiology Society-UK, 2002-
3. International Society of Heart Research, 2003-
4. American Physiological Society, 2005-
5. Turkish Association of Study of Liver Diseases 2017
6. The ECA Validation group (ECA's Process Validation Good Practice Guide) 2018
7. The ECA Pharmaceutical Microbiology Working Group 2018
8. European Association of Preventive Cardiology (EAPC) 2018
9. European Association of Systems Medicine 2018
10. The International Consortium for Personalised Medicine (ICPerMed) -Turkey expert 2018
11. Board member of Food safety and food supply security council- Presidency of The Republic of Turkey- Council of science technology and innovation policies 2020
- 12- Sports Health, Nutrition and Performance association-2024

#### **INTEREST AREAS:**

Integrative Physiology/Pathophysiology

Immunology

Health Economics, risk analysis, mathematical modelling

Clinical nutrition, metabolism

She has been leading national and international projects, and being as advisor in different projects of national and international public sector.

#### **Education Information**

Doctorate, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 2003 - 2007

Expertise In Medicine, Eskişehir Osmangazi University, Tıp Fakültesi, Temel Tıp Bilimleri, Turkey 2000 - 2004

Undergraduate, Hacettepe University, Tıp Fakültesi, Tıp Pr. (İngilizce), Turkey 1986 - 1994

#### **Dissertations**

Doctorate, Renal iskemi reperfüzyon hasarında eritropoietinin koruyucu etkisine k-atp kanallarının katılımı, Ankara University, 2007

#### **Research Areas**

Medicine, Internal Diseases, Health Sciences, Human Physiology

## Academic Titles / Tasks

Professor, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2014 - Continues  
Associate Professor, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2009 - 2014  
Expert, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2004 - 2009  
Research Assistant, Eskisehir Osmangazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2000 - 2004

## Academic and Administrative Experience

Enstitü Yönetim Kurulu Üyesi, Ankara University, Gıda Güvenliği Enstitüsü, 2023 - Continues  
Head of Department, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2017 - Continues  
Head of Department, Ankara University, Sağlık Bilimleri Enstitüsü, Disiplinlerarası Gıda, Metabolizma ve Klinik Beslenme Anabilim Dalı, 2017 - Continues  
Enstitü Yönetim Kurulu Üyesi, Ankara University, Sağlık Bilimleri Enstitüsü, 2019 - 2022  
Ethics Committee Member, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2017 - 2021  
Head of Ethics Committee, Ankara University, Tıp Fakültesi, 2017 - 2021

## Courses

Physiopathology of weight loss, Undergraduate, 2024 - 2025  
Hipertroidi ve hipotroidi fizyopatolojisi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Anemi tanımı, oluşum mekanizması, nedenleri ve tipleri, Undergraduate, 2023 - 2024, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010  
Kan şekeri regülasyon bozuklukları: Hiperglisemi ve hipoglisemi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Adrenal korteks hiperfoksiyonu fizyopatolojisi , Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Diyare ve konstipasyon mekanizmaları ve nedenleri, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Fonksiyonel ve Bütüncül Tıp ve Beslenme, Undergraduate, 2023 - 2024  
Adrenal korteksin hipofonksiyonu, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Sıvı - elektrolit dengesi ve bozuklukları, hipervolemi, hipovolemi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Sosyal Sorumluluk Projesi -Sağlıklı Yaşamı Destekleyen Fonksiyonel Gıda , Biyofonksiyonel Ve Biyomedikal Ürün Geliştirme Süreci, Undergraduate, 2023 - 2024  
Tübülointerstisyel bozuklukların fizyopatolojisi , Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Asit-baz dengesi ve bozuklukları, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Sosyal Sorumluluk Projesi -Sağlıklı Yaşamı Destekleyen Fonksiyonel Gıda , Biyofonksiyonel Ve Biyomedikal Ürün Geliştirme Süreci, Undergraduate, 2023 - 2024  
Böbrek Yetmezliği Fizyopatolojisi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Vasküler sıvı regülasyonu, ödem fizyopatolojisi, klinikte ödem tipleri, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Böbrek fonksiyon bozuklukları, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Uzmanlık Alan Dersi, Doctorate, 2023 - 2024, 2022 - 2023

Kemik ve mineral metabolizması ve bozuklukları, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Systemic effects of anemia , Undergraduate, 2022 - 2023

Alan Uygulaması, Undergraduate, 2022 - 2023

Physiopathology of bone disorders and mineral metabolism, Undergraduate, 2022 - 2023

Physiopathology of nausea and vomiting, Undergraduate, 2022 - 2023

Beyaz küre bozuklukları: Lökopeni, lokositoz, lökomoid reaksiyon, lenfoma ve lösemiler, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Kardiyojenik şok fizyopatolojisi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Yeterliçe Hazırlık Çalışması, Doctorate, 2022 - 2023

İleri Klinik Nutrisyon Desteği, Doctorate, 2022 - 2023

Aritmi fizyopatolojisi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Proje ve Makale Yazma, Postgraduate, 2022 - 2023

Seminer, Doctorate, 2022 - 2023

Metabolik Entegrasyon ve Kontrolü, Doctorate, 2022 - 2023

Physiopathology of hyperglycemia and its' complications, Undergraduate, 2022 - 2023

Physiopathology of arrhythmias, Undergraduate, 2022 - 2023

Fizyopatoloji-Tıp Fakültesi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2010 - 2011

Physiopathology of fever and hyperthermia , Undergraduate, 2022 - 2023

kalp yetmezliği fizyopatolojisi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Vücut sıcaklığının regülasyonu ve ateş fizyopatolojisi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Physiopathology of stress , Undergraduate, 2022 - 2023

Tez Çalışması, Doctorate, 2022 - 2023

İleri araştırma yöntemleri, Doctorate, 2017 - 2018

Pathophysiology, Undergraduate, 2017 - 2018

Fizyopatoloji-Eczacılık Fakültesi, Undergraduate, 2017 - 2018

Şok fizyopatolojisi, Undergraduate, 2016 - 2017

nörojenik şok fizyopatolojisi, Undergraduate, 2016 - 2017

Araştırma ve proje planlama eğitimi, Doctorate, 2016 - 2017

septik şok fizyopatolojisi, Undergraduate, 2016 - 2017

Üst ösafagus hastalıkları fizyopatolojisi, Doctorate, 2016 - 2017

Endokrin ve Ekzokrin Pankreas Fonksiyon Bozuklukları, Doctorate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Obstrüktif ve restriktif akciğer hastalıkları oluşum mekanizmaları, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Safra kesesi ve safra yolları hastalıkları, sarılık oluşum mekanizmaları, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

İnflamasyon, hipoksi, iskemi, siyanoz tanımlaması ve oluş mekanizmaları, Undergraduate, 2015 - 2016

Hemostaz bozuklukları I: Vaskuler ve koagülasyon bozuklukları, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014,

2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Kalp yetmezliđi mekanizması, sađ ve sol kalp yetmezlikleri, pulmoner hipertansiyon, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

İnflamasyon ve Mediatörler, Doctorate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011  
Ađrı tanımı, oluřum mekanizmaları ve tipleri, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Karaciđer fonksiyon bozuklukları, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Otoimmün hastalıkların immunolojik mekanizmaları, Doctorate, 2015 - 2016, 2014 - 2015

Diabetes mellitus ve komplikasyonları: İn vivo ve invitro modeller, Doctorate, 2015 - 2016, 2014 - 2015

Allerji, anafilaksi, astım fizyopatolojisi, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

řok tanımı, fizyopatolojisi, nedenleri ve řok tipleri, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Hipotalamo-hipofizer patolojiler ve oluřum mekanizmaları, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Glomeruler vaskuler hastalıklar, Doctorate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012

Otoimmün ve bađ dokusu hastalıkları, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Mesleki Beceriler Dersi , Undergraduate, 2015 - 2016

Lökopeni fizyopatolojisi , Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Üriner sistem semptom ve bulgularının fizyopatolojisi , Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Granülosit ve Monosit Fonksiyon Bozuklukları fizyopatolojisi, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Gastrik ülser, peptik ülser, duodenal ülser fizyopatolojisi, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Hipotroidi fizyopatolojisi , Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Glomerüler hasar fizyopatolojisi, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Ateroskleroz, koroner arter hastalıkları, myokard infarktüsü oluřum mekanizması, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Peptik ülser fizyopatolojisi ve komplikasyonları, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Lökositöz fizyopatolojisi , Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

## Supervised Theses

Yazihan N., Otizm Spektrum Bozukluđu Tanısı Alan Çocuklarda Beslenme Durumunun, Gastrointestinal Semptomların ve Serum Zonulin ve Klaudin-5 Parametrelerinin İncelenmesi, Doctorate, S.İřİN(Student), 2024

Yazihan N., Konjenital kalp cerrahisi hastalarında nutrisyonel durum deđerlendirmesinin erken postoperatif sürece etkisi, Doctorate, N.DİKMEN(Student), 2024

Yazihan N., Kayseri Melikgazi Sađlıklı Hayat Merkezine Bařvuran Kronik Hastalarda Makronütrient ve Mikronütrient Tüketimleri ile Aterojenik Plazma İndeksin ve Diyet İnflamatuar İndeksin Deđerlendirilmesi, Doctorate, M.ALEMDAR(Student), 2024

Yazihan N., Mental ve Nörodejeneratif Hastalıklarda Amino Asit Profillerinin Deđerlendirilmesi, Doctorate, S.AKDAř(Student), 2024

Yazihan N., Ađır Metal Toksisitesinin ve řelatör Tedavisinin Sađlık Üzerine Etkilerinin Meta-Analiz Yöntemiyle

İncelenmesi, Doctorate, İ.AKIN(Student), 2024

, Yazihan N., Majör Yanıklı (% 20 ve üzeri yanık alanı olan) Hastalarda Devam Eden Hipermetabolizma Sürecinin Biyokimyasal ve Hormonal Parametreler İle Değerlendirilmesi, Doctorate, B.UYGAR(Student), 2024

Yazihan N., COVID-19 Salgını Sonrası Yetişkin Bireylerde Oluşan Beslenme ve Yaşam Tarzı Tutumundaki Değişikliklerin İncelenmesi, Postgraduate, E.YAKIN(Student), 2022

Yazihan N., 21 Hidroksilaz Enzim Eksikliğine Bağlı Klasik Konjenital Adrenal Hiperplazili Çocuk ve Adölesanlarda; İnflamatuvar Sitokinler ve Midkinin Metabolik Sendrom Patofizyolojisindeki Rolü, Doctorate, S.ÇETİNKAYA(Student), 2022

YAZIHAN N., Lipoik asitin yaşlı memeli kalp fonksiyonuna etkisinin yaşlanma modeli geliştirilmiş ventriküler H9C2 hücre hattında mitokondri fonksiyonu incelenerek değerlendirilmesi, Postgraduate, G.SENCAR(Student), 2021

YAZIHAN N., Tıp fakültesi öğrencilerinin kişiselleştirilmiş beslenme ile ilgili algı ve tutumlarının belirlenmesi, Postgraduate, İ.SENA(Student), 2020

YAZIHAN N., ÖZER H. B., Lipid sindirim etkinliği artırılmış süt bazlı sıvı ve toz formda beslenme formülasyonlarının geliştirilmesi, Postgraduate, Ş.AĞIRAL(Student), 2020

YAZIHAN N., Geriatrik hasta popülasyonunda kırılğanlık ile serum eser element ve inflamatuvar belirteçlerin ilişkisi, Postgraduate, C.ERÖZKAN(Student), 2020

YAZIHAN N., İn vitro süt protein sindiriminde safra tuzu konsantrasyonunun optimizasyonu, Postgraduate, H.KANIBİR(Student), 2019

YAZIHAN N., Metabolik sendrom gelişiminin doku eser element düzeyleri ve inflamatuvar belirteçler ile ilişkisi, Postgraduate, S.AKDAŞ(Student), 2019

YAZIHAN N., Yaşlı sıçanlarda metabolik sendrom gelişme sürecinde makrofaj polarizasyonunun etkisinin belirlenmesi, Postgraduate, M.ALEMDAR(Student), 2019

YAZIHAN N., Geleneksel yoğurtlardan starter bakterilerin izolasyonu, moleküler tanımlaması ve bazı özelliklerinin belirlenmesi, Doctorate, R.TABAK(Student), 2018

YAZIHAN N., CEBESOY S., Determination of tissue transglutaminase effect to be created in surgical wound models in rats, Doctorate, O.İŞLER(Student), 2018

YAZIHAN N., Sağlıklı ve deneysel diyabetik ratlarda midkin'in yara iyileşmesi üzerine etkinliğinin değerlendirilmesi, Doctorate, B.DİK(Student), 2015

YAZIHAN N., Nerium oleander'in liyofilize sıvı distilatının hipokolesterolemik etkinliğinin değerlendirilmesi, Doctorate, H.KIZILAY(Student), 2015

YAZIHAN N., Mikrobiyal hyaluronik asit üretimi ve saflaştırılması, Postgraduate, D.MİMİROĞLU(Student), 2015

YAZIHAN N., İn vitro diyabetik retinopati modelinde aldoz redüktaz enzimi ile protein kinaz C sinyal yolağının ilişkisi, Doctorate, M.SARIKAYA(Student), 2014

YAZIHAN N., Normoksik ve hipoksik koşullarda kadmiyum uygulamasının insan hepatosit hücre dizisindeki etkisinin Hipoksi indükleyici faktör- 1 alfa ve Midkin ile ilişkisi, Postgraduate, E.ERMİŞ(Student), 2011

## Jury Memberships

Doctorate, Doctorate, Ankara Üniversitesi, June, 2022

Post Graduate, Post Graduate, Ankara Üniversitesi, January, 2022

## Published journal articles indexed by SCI, SSCI, and AHCI

### I. Serum alpha klotho levels in Parkinson's Disease.

Yalcin A., Gemci E., Yurumez B., Yilmaz R., Varli M., Atmis V., Akbostancı M. C., Yazihan N.

Neurological sciences : official journal of the Italian Neurological Society and of the Italian Society of Clinical Neurophysiology, vol.46, no.2, pp.743-749, 2025 (SCI-Expanded)

### II. Assessment of the Relationship Between Amino Acid Status and Parkinson's Disease: A Comprehensive Review and Meta-analysis.

Akdas S., Yuksel D., Yazihan N.

The Canadian journal of neurological sciences. Le journal canadien des sciences neurologiques, pp.1-17, 2024 (SCI-Expanded)

- III. **The influencer effect of Dexmedetomidine on radioiodine relevant to lacrimal gland impairment**  
Şingar E., Akbulut A., Koca G., Yazihan N., Atilgan H. İ., Yumuşak N., Demir A., Burcu A., Korkmaz M.  
INTERNATIONAL OPHTHALMOLOGY, vol.44, no.1, 2024 (SCI-Expanded)
- IV. **The Role of Midkin and Inflammatory Cytokines in The Pathophysiology of Metabolic Syndrome in Children and Adolescents with Classical Congenital Adrenal Hyperplasia Due to 21 Hydroxylase Enzyme Deficiency**  
Cetinkaya S., KESİKLİ B., ARIBAL AYRAL P., YAZIHAN N.  
HORMONE RESEARCH IN PAEDIATRICS, pp.326, 2024 (SCI-Expanded)
- V. **Evaluation of maternal serum vascular endothelial growth factor C and D levels in intrahepatic cholestasis of pregnancy**  
Farisoğullari N., Tanaçan A., Sakcak B., Denizli R., Başaran E., Kara Ö., YAZIHAN N., Şahin D.  
International Journal of Gynecology and Obstetrics, vol.164, no.3, pp.979-984, 2024 (SCI-Expanded)
- VI. **Evaluation of maternal serum VEGF, TNF-alpha, IL-4, and IL-10 levels in differentiating placenta accreta spectrum from isolated placenta previa.**  
Farisoğullari N., Tanaçan A., Sakcak B., Denizli R., Baştemur A. G., Başaran E., Kara Ö., Yazihan N., Şahin D.  
Cytokine, vol.176, pp.156513, 2024 (SCI-Expanded)
- VII. **The Association of Serum Midkine Level with Invasion in Placenta Previa: A Case-Control Study from a Tertiary Reference Center**  
Farisogullari N., Tanacan A., Sakcak B., Denizli R., Ozkavak O. O., Turgut E., Kara O., YAZIHAN N., Sahin D.  
JOURNAL OF INTERFERON AND CYTOKINE RESEARCH, no.12, pp.557-564, 2023 (SCI-Expanded)
- VIII. **Comparison of VEGF-A levels in women with threatened abortion, early pregnancy loss and uncomplicated healthy pregnancies**  
Ozden Tokalioglu E., Turgut E., Gulen Yildiz E., Ozturk Agaoglu M., Biriken D., Tanacan A., YAZIHAN N., Sahin D.  
Cytokine, vol.170, 2023 (SCI-Expanded)
- IX. **Comparison of serum midkine levels between pregnant women with and without pre-eclampsia: A case-control study from a tertiary hospital**  
Sakcak B., Turgut E., Denizli R., Farisogullari N., Tanacan A., YAZIHAN N., Sahin D.  
INTERNATIONAL JOURNAL OF GYNECOLOGY & OBSTETRICS, vol.162, no.1, pp.287-291, 2023 (SCI-Expanded)
- X. **Can maternal serum midkine level predict chorionicity in twin pregnancies?**  
Farisoğullari N., Tanacan A., Sakcak B., Denizli R., Turgut E., YAZIHAN N., Şahin D.  
Journal of Reproductive Immunology, vol.157, 2023 (SCI-Expanded)
- XI. **Evaluation of Midkine levels in pregnant women with preterm premature rupture of membranes: A cohort study from a tertiary hospital**  
Sakcak B., Tanacan A., Denizli R., Farisogullari N., Onur Ozkavak O., Turgut E., Kara O., YAZIHAN N., Sahin D.  
Cytokine, vol.164, 2023 (SCI-Expanded)
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Şanlı T., Yazihan N., Industrial Thesis Project, Geleneksel Yoğurt Örneklerinden İzole Edilen Lactobacillus delbrueckii subsp bulgaricus ve Streptococcus thermophilus Suşlarının Endüstriyel Yoğurt Üretimine Uygunluğunun Saptanarak Starter Kombinasyonlarının Geliştirilmesi, 2013 - 2017

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YAZIHAN N., Other International Funding Programs, Lung macrophages and inflammatory mediators in normoxia and hypoxia, 2009 - 2012

YAZIHAN N., TUBITAK Project, Nerium Oleander in obezite yangı diyabet ilişkisindeki etkisinin deneysel tip II diyabetik ratlarda değerlendirilmesi, 2007 - 2010

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YAZIHAN N., TUBITAK Project, Farklı viral HBV HCV etiyolojili hepatosellüler kanserli hastalarda serum midkin ve galektin 3 düzeylerinin değerlendirilmesi, 2006 - 2008

YAZIHAN N., TUBITAK Project, Meme kanseri taramalarında kullanılan mamografinin hastalık maaliyet etkinlik analizi, 2005 - 2007

YAZIHAN N., TUBITAK Project, Testis Torsiyonunda Eritropoietinin Koruyucu Etkisi, 2005 - 2006

## Patent

YAZIHAN N., Ultrafiltre Yayıkalıtı ve Peyniraltı Suyu Retentatı Esaslı Beslenme Solüsyonu, Patent, CHAPTER A Human Needs, 2020

YAZIHAN N., Zeytinyağında Mitokondri Membran Potansiyelini Değiştiren Yeni Kullanım, Patent, CHAPTER A Human Needs, 2020

YAZIHAN N., Ketamin ve N-Metil D-Aspartik Asit (NMDA) Reseptör Blokörü MK-801 İle Transglutaminaz Enzim İnhibisyonu, Patent, CHAPTER A Human Needs, 2020

## Activities in Scientific Journals

Hepatology forum, Committee Member, 2021 - Continues

Journal of Ankara Medical School, Committee Member, 2019 - Continues

TURKISH JOURNAL OF GASTROENTEROLOGY, Committee Member, 2021 - 2023

## Memberships / Tasks in Scientific Organizations

Wellbeing Derneği, Chairman of the Scientific Committee, 2021 - Continues, Turkey

European Association of Systems Medicine, Member, 2018 - Continues, Germany

The ECA Validation group (ECA's Process Validation Good Practice Guide), Member, 2018 - Continues, Germany

The International Consortium for Personalised Medicine (ICPerMed), Country Representative, 2018 - Continues, Spain

The ECA Pharmaceutical Microbiology Working Group, Member, 2018 - Continues, Germany

Türk Karaciğer Araştırmaları Derneği, Member of Science Committee, 2017 - Continues, Turkey

American Physiological Society, Member, 2005 - Continues, United States Of America

International Society of Heart Research, Member, 2003 - Continues, Germany

The Physiology Society, Member, 2002 - Continues, United Kingdom

Türk Fizyolojik Bilimler Derneği, Member, 2000 - Continues, Turkey

## Scientific Refereeing

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Firat University, Turkey, January 2022

TUBITAK Project, 1002 - Quick Support Program, Hacettepe University, Turkey, January 2022

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TUBITAK Project, 1507 - TÜBİTAK SME R&D Start Support Program, SRG Teknoloji AŞ, Turkey, January 2020

## Tasks In Event Organizations

Yazihan N., Deliceoğlu G., I. Uluslararası Spor, Beslenme ve Takviye Kongresi, Scientific Congress, Turkey, Mayıs 2024

Yazihan N., 1. Uluslararası Gıda ve Tıp Kongresi, Scientific Congress, Turkey, Mayıs 2018

Yazihan N., Lung, Macrophages, Hypoxia, Inflammation” German-Turkish joint meeting, Workshop Organization, Turkey, Eylül 2011

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## Scholarships

Doktora sonrası araştırma bursu, TUBITAK, 2008 - 2008

## Awards

Yazihan N., Effects of erythropoietin incubation vascular contractions of diabetic rat aortas., The Physiological Society-Uk, July 2005

Yazihan N., A New Aspect to Erythropoietin; Renal NMDA Receptors , Iups And American Physiology Society, April 2005

Yazihan N., Mathematical and Computer Models in Medicine: Disease and Treatment, Santa Fe Institute, July 2004

Yazihan N., Erythropoietin improves oxidative stress following spinal cord trauma in rats., Ibro: International Brain Research Organization, May 2003