

## Asst. Prof. ABBAS ALI HUSSEINI

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAF-9955-2019

ScopusID: 56194505100

Yoksis Researcher ID: 311474

### Education Information

Doctorate, Ankara University, Biyoteknoloji Enstitüsü, Turkey 2013 - 2019

Associate Degree, Iran Tıp Bilimleri Üniversitesi, Halk Sağlığı, Iran 2002 - 2014

Postgraduate, Ankara University, Biyoteknoloji Enstitüsü, Turkey 2010 - 2013

Undergraduate, Kashan Tib Bilimleri Üniversitesi, Halk Sağlığı, Iran 2004 - 2006

### Foreign Languages

Persian, C2 Mastery

English, C1 Advanced

Turkish, C2 Mastery

### Certificates, Courses and Trainings

Data Analysis, yeni nesil sekanslama ve veri analizi, Ankara üniversitesi, 2023

Entrepreneurship, Girişimcilik ve İş Modeli Geliştirme Eğitimi, Bilgiyi Ticarileştirme Merkezi, 2022

Personal Evolution, Elsevier Türkiye 5N1K Online Seminer Serisi, TÜBİTAK ULAKBİM EKUAL, 2020

Vocational Training, deney hayvanları kullanım sertifikası, Ankara üniversitesi, 2015

### Dissertations

Doctorate, Afganistan popülasyonunda HBV, HCV ve HDV moleküler epidemiyolojisi, Ankara University, Biyoteknoloji Enstitüsü, 2019

Postgraduate, HCV viral yükünün saptanmasında real time PZR temelinde bir yöntem geliştirilmesi, Ankara University, Biyoteknoloji Enstitüsü, 2013

### Research Areas

Health Sciences, Social Sciences and Humanities, Agricultural Sciences, Natural Sciences, Engineering and Technology

## Academic titles / Tasks

Assistant Professor, Istanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, BIOMEDICAL DEVICE TECHNOLOGY, 2019 - Continues

## Courses

BASIC HEALTH INFORMATION AND FIRST AID, Undergraduate, 2023 - 2024  
HEALTH INFORMATION AND FIRST AID, Associate Degree, 2023 - 2024  
LITERATURE REVIEW II, Undergraduate, 2021 - 2022, 2020 - 2021  
LITERATURE REVIEW I, Undergraduate, 2021 - 2022, 2019 - 2020  
STATISTICS, Undergraduate, 2020 - 2021, 2019 - 2020  
STERİLİZASYON VE DEZENFAKSİYON YÖNTEMLERİ, Associate Degree, 2019 - 2020  
MİKROBİYOLOJİ VE STERİLİZASYON ESASLARI, Associate Degree, 2019 - 2020  
INTRODUCTION TO STATISTICS, Undergraduate, 2019 - 2020  
BIOSTATISTICS, Undergraduate, 2019 - 2020

## Advising Theses

Hussein A. A., Şişman A., New applications of the surface acoustic wave for bio-sample preparation, Doctorate, A.Mohammad(Student), Continues  
ABBAS ALI H., The effect of an educational program for midwives based on the PRECEDE-PROCEED model to improve breast cancer control behavior among women in urban Kabul, Doctorate, N.Mohammadi(Student), Continues  
ABBAS ALI H., Makine öğrenmesi yöntemleri ile Karaciğer NASH hastalığının Belirlenmesi, Postgraduate, F.GHADIRI(Student), 2020

## Jury Memberships

Post Graduate, Post Graduate, Marmara Üniversitesi, January, 2023

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

- I. **Genotypic variation in CYP2E1, GCKR, and PNPLA3 among nonalcoholic steatohepatitis patients of Turkish origin**  
HUSSEINI A. A.  
Molecular Biology Reports, vol.51, no.1, 2024 (SCI-Expanded)
- II. **Unveiling the etiological impact of GST-M1, GST-T1, and P53 genotypic variations on brain carcinogenesis**  
DİRİCAN O., Kaygın P., Oğuztüzün S., HUSSEINI A. A., Sarıaltın S. Y., Yılmaz C., ÜNLÜ N., İzci Y.  
Molecular Biology Reports, vol.51, no.1, 2024 (SCI-Expanded)
- III. **Sonographic cortical bone thickness measurement: can it predict bone mineral density in the pediatric population?**  
Işın U. U., Çakmakçı E., Buluş A. D., Yaşartekin Y., Ünal Ö., DİRİCAN O., HUSSEINI A. A.  
Diagnostic and interventional radiology (Ankara, Turkey), vol.30, no.3, pp.200-204, 2024 (SCI-Expanded)
- IV. **Synthesis, Molecular Modeling and Biological Assessment of Aryloxymethyl 1,3,4-Thiadiazole and 1,2,4-Triazole-5-Thione Derivatives as Potential Cox Inhibitors**  
Shirzad M. M., Ozadali-Sari K., ÜNSAL TAN O., HUSSEINI A. A., PALASKA E.  
Pharmaceutical Chemistry Journal, vol.58, no.2, pp.209-215, 2024 (SCI-Expanded)
- V. **Developing a surface acoustic wave-induced microfluidic cell lysis device for point-of-care DNA amplification**

HUSSEINI A. A., Yazdani A. M., Ghadiri F., ŞİŞMAN A.

Engineering in Life Sciences, vol.24, no.1, 2024 (SCI-Expanded)

- VI. **Cases of Hypogonadotropic Hypogonadism: A Single-Center Experience**  
Buluş A., Yaşartekin Y., Ceylan A., DİRİCAN O., HUSSEINI A. A.  
Nigerian Journal of Clinical Practice, vol.26, no.10, pp.1552-1556, 2023 (SCI-Expanded)
- VII. **Optimization of a rapid and sensitive nucleic acid lateral flow biosensor for hepatitis B virus detection**  
Husseini A. A., Baydar S.  
Molecular Biology Reports, vol.50, no.10, pp.8329-8336, 2023 (SCI-Expanded)
- VIII. **Comprehensive Review of Transcriptomics (RNAs) Workflows from Blood Specimens**  
Husseini A. A., Derakhshandeh M., Tatlisu N. B.  
Separation and Purification Reviews, vol.51, no.1, pp.57-77, 2022 (SCI-Expanded)
- IX. **Molecular epidemiology of Hepatitis B virus, Hepatitis C virus, and Hepatitis D virus in general population of Afghanistan**  
HUSSEİNİ A. A., SAEED K. M. I., YURDCU E., BOZDAYI A. M.  
Turkish Journal of Gastroenterology, vol.31, no.9, pp.658-666, 2020 (SCI-Expanded)
- X. **Epidemiology of blood-borne viral infections in Afghanistan**  
Husseini A. A., Saeed K. M. I., Yurdcu E., Sertoş R., BOZDAYI A. M.  
Archives of Virology, vol.164, no.8, pp.2083-2090, 2019 (SCI-Expanded)
- XI. **Interleukin-28 gene polymorphisms may contribute to HBsAg persistence and the development of HBeAg-negative chronic hepatitis B**  
Karataylı S. C., Bozdayı M., Karataylı E., ÖZTÜRK T., Husseini A. A., ALBAYRAK DELİALİOĞLU R., Özkan M., KALAYLIOĞLU AKYILDIZ Z. I., Yalçın K., ÇINAR K., et al.  
Liver International, vol.35, no.3, pp.846-853, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The Administration of Steroids and its Impact on Caspase-3 Expression in Pediatric Adenoid Hypertrophy.**  
Apaydın E., Yaşar B., Şimşek G., Kaygın P., Saraltın S. Y., DİRİCAN O., Çetin H. E., HUSSEINI A. A., Oğuztüzün S.  
Indian journal of otolaryngology and head and neck surgery : official publication of the Association of Otolaryngologists of India, vol.76, no.5, pp.4516-4522, 2024 (ESCI)
- II. **Genetic Insights into Prepubertal Gynecomastia: A Comprehensive Analysis of a Rare 45,X[2]/ 46,X,+ mar[28] Karyotype**  
BULUŞ A. D., DİRİCAN O., CEYLAN A. C., YAŞARTEKİN Y., HUSSEINI A. A.  
Annals of Experimental and Molecular Biology, vol.6, 2024 (Peer-Reviewed Journal)
- III. **Modeling and Simulation of a High-Performance Magnetic Biosensor for Biomedical Sensing**  
Aa H., Dirican O.  
Ergonomics International Journal (EOIJ), vol.8, no.1, pp.322-329, 2024 (Peer-Reviewed Journal)
- IV. **A machine-learning approach for nonalcoholic steatohepatitis susceptibility estimation**  
Ghadiri F., Husseini A. A., Öztaş O.  
Indian Journal of Gastroenterology, vol.41, no.5, pp.475-482, 2022 (ESCI)
- V. **Phylogenetic analysis and prevalence of Delta hepatitis among HBsAg carriers in Afghanistan**  
Husseini A. A., Rostamzadeh M.  
Molecular Biology Research Communications, vol.11, no.4, pp.183-186, 2022 (Scopus)
- VI. **Maternal health literacy and pregnancy outcomes in Afghanistan**  
Rostamzadeh M., Ezadi Z., Hosseini M., Husseini A. A.  
Journal of Education and Health Promotion, vol.11, no.1, 2022 (Scopus)
- VII. **Estimating COVID-19 dynamics in Afghanistan**  
Husseini A. A.

ERCIYES MEDICAL JOURNAL, vol.42, no.4, pp.468-473, 2020 (ESCI)

VIII. **COVID-19 Disease and Interferon-?: Has it a Protective Impact on Mortality?**

HUSSEINI A. A.

ERCIYES MEDICAL JOURNAL, 2020 (ESCI)

IX. **Seroprevalence of Cytomegaloviruses in Afghanistan**

HUSSEINI A. A., Fidan I., Islam Saeed K. M., BOZDAYI A. M.

Journal of Microbiology and Infectious Diseases, vol.9, no.2, pp.78-82, 2019 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Expressions of GSTO1, GSTP1, GSTM1, GSTS1 isoenzymes in NSCLC tissues**  
KESKİN A., KAYGIN P., BAŞAK K., YILMAZ SARIALTIN S., DİRİCAN O., HUSSEINI A. A., YILMAZ C., OĞUZTÜZÜN S.  
3rd International Multidisciplinary Cancer Research Congress, 07 September 2023, pp.83
- II. **Maternal Health Literacy and Pregnancy Outcomes in Afghanistan**  
HUSSEINI A. A., ROSTAMZADEH M., Ezadi Z.  
International Applied Social Sciences congress (USBK2022), İstanbul, Turkey, 10 March 2022
- III. **A machine learning approach for nonalcoholic steatohepatitis individual's susceptibility estimation.**  
Hussemi A. A.  
International Conferences on Engineering and Natural science , Gümüşhane, Turkey, 5 - 07 July 2021, vol.0
- IV. **Molecular epidemiology of HBV, HCV and HDV in general population of Afghanistan.**  
HUSSEINI A. A., Islam Saeed K. M., Yurdcu E., BOZDAYI A. M.  
International Conference on Infection Control and Clinical Microbiology, Chicago, United States Of America, 25 - 27 September 2017
- V. **Assessing exposure rate to nutritional risk factors for anemia in 6 to 36 months children in Kashan – 2006.**  
HUSSEINI A. A.  
19th rural areas health meeting, Kashan medical university., 01 June 2006
- VI. **survey the rate of mothers knowledge about nutritional risk factor of anaemia in 6-36 months children of Kashan city. 2006.**  
HUSSEINI A. A.  
19th rural areas health meeting, Kashan medical university., 01 June 2006

## **Expert Reports**

- I. **Estimating COVID-19 Dynamics in Afghanistan**  
HUSSEINI A. A.  
2020

## **Supported Projects**

HUSSEINI A. A., Other International Funding Programs, Collaborative Research Programme (CRP) – ICGEB Research Grants, 2022 - Continues

Hussemi A. A., Isaqzadeh M. R., Schwartz L., Universities of Other Countries Supported Project, Coping with War through God: Islamic-Based CBT and the Promotion of Mental Health and Prosociality among Refugees, 2023 - 2023

Hussemi A. A., Yahya K. O., TUBITAK Project, Enfeksiyon hastalıklarının tespiti için ultra hassas manyetik biyosensörün geliştirilmesi, 2022 - 2023

Hussemi A. A., Yeşilkır Baydar S., Ogan A., Şişman A., Aksu M. B., TUBITAK Project, Akustik mikroçip tabanlı hızlı ribonükleik asit izolasyon kiti geliştirmesi, 2021 - 2023

Hussein A. A., Project Supported by Higher Education Institutions, IGUBAPUM- Kapsamlı Araştırma Projesi, 2021 - 2023  
Yeşil Baydar S., Hussein A. A., Project Supported by Higher Education Institutions, CRISPR tabanlı HBV DETECTR  
yanal akış testi geliştirilmesi (KAP-050421-AAH), 2021 - 2023  
HUSSEINI A. A., Kan'da Hızlı Toplam RNA İzolasyon Kiti Geliştirilmesi, 2020 - 2021

## Activities in Scientific Journals

Annals of Experimental and Molecular Biology, Committee Member, 2023 - Continues  
Kateb journal of Medical science and Biotechnology, Evaluation Committee Member, 2021 - Continues

## Scientific Refereeing

SCIENCE PROGRESS, SCI Journal, November 2023  
Health Education and Behavior, SCI Journal, March 2023  
The Journal of Health Care Organization, Provision, and Financing, SCI Journal, May 2021  
HEALTH EDUCATION & BEHAVIOR, Journal Indexed in SSCI, May 2021  
Health Education and Behavior, SCI Journal, January 2021

## Scientific Consultations

Marmara üniversitesi, Other, Istanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, BIOMEDICAL  
DEVICE TECHNOLOGY, Turkey, 2022 - Continues  
İstanbul Üniversitesi-Cerrahpaşa, Other, Istanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES,  
BIOMEDICAL DEVICE TECHNOLOGY, Turkey, 2020 - 2021

## Congress and Symposium Activities

2nd Engineering International Conference on Electrical, Energy, and Artificial Intelligence, IEEE Technical Sponsorship.  
Zarqa University, Jordan, 27-28 Dec, 2023, Attendee, Az-Zarqa, Jordan, 2023  
3rd International Multidisciplinary Cancer Research Congress , Attendee, İstanbul, Turkey, 2023  
International Conference on Physical & Life Sciences, September 07-08, 2023 Vancouver, Canada, Attendee, Vancouver,  
Canada, 2023  
International Conferences on Engineering and Natural science July 5-7 2021 Gümüşhane, Turkey, Attendee, Gümüşhane,  
Turkey, 2021  
International Conference on Infection Control and Clinical Microbiology September 25-26, 2017 Chicago, USA, Attendee,  
Michigan, United States Of America, 2017