

## Asst. Prof. İSMET YILMAZ

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-8680-3098

Publons / Web Of Science ResearcherID: H-4144-2019

Yoksis Researcher ID: 110625

### Education Information

Doctorate, Selcuk University, Veterinerlik, Farmakoloji-Toksikoloji, Turkey 2002 - 2007

Undergraduate, Firat University, Veterinerlik, Veterinerlik, Turkey 1982 - 1987

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Health&Medicine, DENEY HAYVANLARI KULLANIMI SERTİFİKASI, İNÖNÜ ÜNİVERSİTESİ TIP FAKÜLTESİ, 2010

### Dissertations

Doctorate, ENROFLOKSASİN İÇEREN İKİ MÜSTAHZARIN SIĞIRLARDA KAS İÇİ UYGULAMA SONRASI BİYOŞEĞERLİĞİNİN BELİRLENMESİ, Selcuk University, Veterinerlik, Farmakoloji-Topksikoloji, 2004

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacology, Pharmaceutical Toxicology

### Academic Titles / Tasks

Assistant Professor, Inonu University, Eczacılık Fakültesi, Farmakoloji, 2018 - Continues

Assistant Professor, Inonu University, Eczacılık Fakültesi, Farmakoloji, 2009 - 2018

## Academic and Administrative Experience

Inonu University, Sağlık Bilimleri Enstitüsü, 2014 - Continues

## Courses

TEZ ÇALIŞMASI, Undergraduate Double Major, 2023-2024  
TEZE HAZIRLIK, Undergraduate Double Major, 2023-2024  
UZMANLIK ALANI, Undergraduate Double Major, 2023-2024  
DENEY HAYVANLARI KULLANIM TEKNİKLERİ, Undergraduate Double Major, 2023-2024  
SİSTEM FARMAKOLOJİSİNE GİRİŞ, Undergraduate Double Major, 2023-2024  
MERKEZİ SİNİR SİSTEMİ İLAÇ ETKİ MEKANİZMALARI, Undergraduate Double Major, 2023-2024  
GENEL FARMAKOLOJİ, Undergraduate Double Major, 2023-2024  
FARMAKOLOJİ-II-, Undergraduate, 2022-2023  
ECZACILIKTA BİLİMSEL ÇALIŞMA İLKELEERİ-II-, Undergraduate, 2022-2023  
BİYOŞEĞERLİK ÇALIŞMALARI VE EŞDEĞER İLAÇ UYGULAMALARI, Undergraduate, 2022-2023  
GENEL FARMAKOLOJİ, Undergraduate Double Major, 2022-2023  
DENEY HAYVANI KULLANIMI TEKNİKLERİ, Undergraduate Double Major, 2022-2023  
FARMAKOLOJİ-III-, Undergraduate, 2022-2023  
FARMAKOLOJİK AKTİVİTE TARAMA YÖNTEMLERİ, Undergraduate Double Major, 2022-2023  
ÇOCUKLARDA İLAÇ KULLANIMI, Undergraduate, 2022-2023  
UZMANLIK ALANI, Undergraduate Double Major, 2022-2023  
İLAÇ ARAŞTIRMALARI, Undergraduate, 2022-2023  
ECZACILIKTA BİLİMSEL ÇALIŞMA İLKELEERİ-I-, Undergraduate, 2022-2023  
TEZ ÇALIŞMASI, Undergraduate Double Major, 2022-2023  
DİYABETTE DENEYSEL YAKLAŞIMLAR, Undergraduate Double Major, 2022-2023  
FARMAKOLOJİ-I-, Undergraduate, 2021-2022  
BİYOŞEĞERLİK ÇALIŞMALARI VE EŞDEĞER İLAÇ UYGULAMALARI, Undergraduate, 2021-2022  
ECZACILIKTA BİLİMSEL ÇALIŞMA İLKELEERİ-I-, Undergraduate, 2021-2022  
İLAÇ ARAŞTIRMALARI, Undergraduate, 2021-2022  
FARMAKOLOJİ-IV-, Undergraduate, 2021-2022  
ÇOCUKLARDA İLAÇ KULLANIMI, Undergraduate, 2021-2022  
ECZACILIKTA BİLİMSEL ÇALIŞMA İLKELEERİ-II-, Undergraduate, 2021-2022

## Jury Memberships

Post Graduate, Kolorektal Kanser Hücreleri Üzerine (İn Vitro) İrinotecan ve Kukurbitasin I Kombine Tedavisinin Etkisi, SBE, June, 2013

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

- I. **Pharmacokinetic Profiles of Metamizole Metabolites after Intramuscular and Intravenous Administration in Healthy Arabian Horses**  
YILMAZ İ., Maras Z., Ozgur M. E., Durmaz M., ULUSOY H. İ., ERDOĞAN S., UĞUR Y.  
JOURNAL OF VETERINARY PHARMACOLOGY AND THERAPEUTICS, vol.44, no.6, pp.927-936, 2021 (SCI-Expanded)
- II. **comparing the rejenerative effects of Silymarine and apricot on liver regeneration after partial hepatectomi in rats.**  
YILMAZ İ.

BIOMEDICAL RESEARCH-TOKYO, vol.1, pp.1-7, 2017 (SCI-Expanded)

- III. **Mesozeaxanthin protects the liver and reduces cardio-metabolic risk factors in an insulin resistant rodent model**  
Sahin K., Orhan C., Akdemir F., Tuzcu M., Sahin N., YILMAZ İ., ALI S., DESHPANDE J., JUTURU V.  
FOOD & NUTRITION RESEARCH, vol.61, 2017 (SCI-Expanded)
- IV. **Mesozeaxanthin Protects Retina from Oxidative Stress in a Rat Model**  
Orhan C., Akdemir F., Tuzcu M., Sahin N., YILMAZ İ., DESHPANDE J., JUTURU V., Sahin K.  
JOURNAL OF OCULAR PHARMACOLOGY AND THERAPEUTICS, vol.32, no.9, pp.631-637, 2016 (SCI-Expanded)
- V. **Comparative evaluation of the sexual functions and NF-kappa B and Nrf2 pathways of some aphrodisiac herbal extracts in male rats**  
Sahin K., Orhan C., Akdemir F., Tuzcu M., Gencoglu H., Sahin N., Turk G., YILMAZ İ., Ozercan I. H., JUTURU V.  
BMC COMPLEMENTARY AND ALTERNATIVE MEDICINE, vol.16, 2016 (SCI-Expanded)
- VI. **Comparative evaluation of the sexual functions and NF-?B and Nrf2 pathways of some aphrodisiac herbal extracts in male rats**  
YILMAZ İ.  
BMC COMPLEMENTARY AND ALTERNATIVE MEDICINE, vol.16, no.318, pp.1-11, 2016 (SCI-Expanded)
- VII. **Effect of chemotherapy exposure prior to pregnancy on fetal brain tissue and the potential protective role of quercetin**  
Dogan Z., Kocahan S., Erdemli E., Kose E., YILMAZ İ., Ekincioglu Z., Ekinci N., Turkoz Y.  
CYTOTECHNOLOGY, vol.67, no.6, pp.1031-1038, 2015 (SCI-Expanded)
- VIII. **Effects of organic apricot on liver regeneration after partial hepatectomy in rats**  
YILMAZ İ.  
TRANSPLANTATION PROCEEDINGS, vol.45, no.6, pp.2455-2460, 2013 (SCI-Expanded)
- IX. **Acute oak (Quercus infectoria) toxicosis in lambs**  
Eroksuz Y., Dabak M., Eroksuz H., Baydar E., Turkoglu I., YILMAZ İ.  
REVUE DE MEDECINE VETERINAIRE, vol.164, no.6, pp.302-306, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Effects of sun dried organic apricot on serum total cholesterol, high density lipoprotein-cholesterol, triglyceride and total antioxidant capacity levels in rats**  
YILMAZ İ., TEMEL İ., AYDEMİR S.  
Annals of Medical Research, vol.27, no.2, pp.527-532, 2020 (Peer-Reviewed Journal)
- II. **Investigation of antidepressant-like effect of pari-flo product on forced swimming test in balb-c mice**  
YILMAZ İ., BERK A.  
Medicine Science International Medical Journal, vol.8, no.0, pp.1, 2019 (Peer-Reviewed Journal)
- III. **The Side Effects of Antidepressants and the Importance of Medicinal Plants in the Treatment of Depression.**  
BERK A., YILMAZ İ., KAYMAZ M. B.  
International Journal of Medical Science and Health Research, vol.2, no.3, pp.283-298, 2018 (Peer-Reviewed Journal)
- IV. **Comparing the regenerative effects of silymarin and apricot on liver regeneration after partial hepatectomy in rats.**  
YILMAZ İ., HATİPOĞLU H. S., TAŞLIDERE E., KARAASLAN M.  
Biomedical Research-India, vol.29, no.7, pp.1465-1473, 2018 (Peer-Reviewed Journal)
- V. **Variation of Composition of Phenolic Compounds in the Apricot (Prunus armeniaca L.) Leaves by Seasons**  
ERDOĞAN S., Uğur Y., YILMAZ İ., Başgel S.  
Journal of Natural Product and Plant Resources, vol.8, no.1, pp.33-39, 2018 (Peer-Reviewed Journal)
- VI. **Variation of quantitative composition of phenolic compounds in the apricot (Prunus armeniaca L.)**

### leaves during the growth seasons

UĞUR Y., ERDOĞAN S., YILMAZ İ., Basgel S.

Journal of Natural Product and Plant Resources, vol.8, no.1, pp.33-38, 2018 (Peer-Reviewed Journal)

#### VII. The Biological and Pharmacological Importance of Apricot

YILMAZ İ.

SOJ Pharmacy Pharmaceutical Sciences, vol.5, no.1, pp.1-4, 2018 (Peer-Reviewed Journal)

#### VIII. Hepatoprotective Effects of Apricot against Acetaminophen Induced Acute Hepatotoxicity in Rats

YILMAZ İ., ÇETİN A., BİLGİÇ Y.

American Journal of Pharmacological Sciences, vol.3, no.2, pp.44-48, 2015 (Peer-Reviewed Journal)

#### IX. The Effects Of Apricot On Large Intestine Oxidative Stress Enzymes In Rats

YILMAZ İ., DOĞAN Z., ERDEMLİ M. E., GÜRSOY Ş., GÖZÜKARA BAĞ H. G.

European Journal of Pharmaceutical and Medical Research, vol.2, no.2, pp.503-512, 2015 (Peer-Reviewed Journal)

#### X. Effects of sun dried organic apricot on some hematological parameters in rats

YILMAZ İ.

Journal of Pharma Research, vol.1, no.3, pp.18-22, 2012 (Peer-Reviewed Journal)

#### XI. Karotenoidler

YILMAZ İ.

Turgut Özal Tıp Merkezi Dergisi, vol.17, no.3, pp.223-231, 2010 (Peer-Reviewed Journal)

#### XII. Antioksidan İçeren Bazı Gıdalar ve Oksidatif Stres

YILMAZ İ.

Turgut Özal Tıp Merkezi dergisi, vol.17, no.2, pp.143-153, 2010 (Peer-Reviewed Journal)

#### XIII. Veteriner İlaçlarının Biyoeşdeğerliği

YILMAZ İ.

Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.37, no.3, pp.217-232, 2008 (Scopus)

### Supported Projects

YILMAZ İ., KANAT H. B., YILDIZ A., BERK A., BİLGİÇ Y., Project Supported by Higher Education Institutions, Parsiyel Karaciğer Rezeksiyonu Yapılmış Sıçanlarda Theranekron ve Misoprostolun Karaciğer Rejenerasyonu Üzerine Etkilerinin Araştırılması, 2020 - 2022

HARPUTLUOĞLU M. M. M., YILMAZ İ., ÇALIŞKAN A. R., GÜL M., Project Supported by Higher Education Institutions, Tiyoasetamide bağlı karaciğer yetmezlik modelinde Larazotide asetatın bakteriyel translokasyon üzerindeki etkileri, 2019 - 2020

ERDOĞAN S., MARAŞ Z., YILMAZ İ., Project Supported by Higher Education Institutions, Atlarda iki farklı yolla uygulanan metamizolun farmakokinetiğinin belirlenmesi, 2018 - 2019

YILMAZ İ., Project Supported by Higher Education Institutions, SIÇANLARDA GENTİANA OLİVIERİ BİTKİSİNİN ANTİDEPRESAN ETKİSİNİN ARAŞTIRILMASI, 2016 - 2017

YILMAZ İ., Project Supported by Higher Education Institutions, SIÇANLARDA KETAMİNLE OLUŞTURULAN HEPATO/NEFROTOKSİSİTEYE KARŞI KAYISININ KORUYUCU ETKİSİNİN ARAŞTIRILMASI, 2015 - 2017

YILMAZ İ., TÜBA Project, Mucuna Tribulus ve Ashwagandha ekstratlarının ratlarda sperm kalitesi cinsel hormonlar oksidatif stress NF kB ve Nrf2 yolları üzerine etkisinin araştırılması, 2015 - 2015

YILMAZ İ., TÜBA Project, Sıçanlarda bazı bileşenlerin oksidatif stres inflamasyon kardiyovasküler ve metabolik sağlık üzerine potansiyel koruyucu etkilerinin incelenmesi, 2015 - 2015

YILMAZ İ., TÜBA Project, Ratlarda artrit modeli üzerine arginin silikat inositol komplekslerinin rolünün araştırılması, 2015 - 2015

YILMAZ İ., Project Supported by Higher Education Institutions, PARSİYEL KARACİĞER REZEKSİYONU YAPILMIŞ SIÇANLARDA SİLMARİN VE KAYISININ REJENERATİF ETKİLERİNİN KARŞILAŞTIRILMASI, 2014 - 2015

YILMAZ İ., Project Supported by Higher Education Institutions, DENEY HAYVANI YEMİ HAZIRLAMA MAKİNESİ, 2014 - 2015

YILMAZ İ., TÜBA Project, Meso zeaksantin ve betakriptoksantin yüksek yağlı diyet ile indüklenen obez ratlarda yağ

birikimi ve kollagen ile TGF beta sinyal yollakları üzerine etkilerinin araştırılması, 2014 - 2015

YILMAZ İ., TÜBA Project, Ratlarda MAT Mucuna Ashwagandha ve Tribulus ekstratları kombinasyonları ve bazı fitokimyasalların Capsimax and CurcuWIN sperm kalitesi cinsel hormonlar oksidatif stress NF kB ve Nrf2 sinyal yolağı üzerine etkisinin incelenmesi, 2014 - 2015

YILMAZ İ., Project Supported by Other Official Institutions, Sıçanlarda asetaminofenle indüklenen hepatotoksisiteye karşı kayısının karaciğer akciğer kalp ve böbrek dokularına koruyucu etkisinin incelenmesi, 2014 - 2014

## **Metrics**

Publication: 36

Citation (WoS): 31

Citation (Scopus): 30

H-Index (WoS): 3

H-Index (Scopus): 3

## **Non Academic Experience**

GIDA TARIM VE HAYVANCILIK BAKANLIĞI

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