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### International Researcher IDs

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### Education Information

Doctorate, Kafkas University, Turkey 2007 - 2013

Postgraduate, Kafkas University, Turkey 2004 - 2007

Undergraduate, Kafkas University, Turkey 2000 - 2004

### Research Areas

Human Physiology

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

- I. **Nobiletin reduces 5-FU-induced lung injury with antioxidative, anti-inflammatory and anti-apoptotic activities**  
ATİLA USLU G., USLU H., ÇOBAN T. A., ÖZKARACA M., Mendil A. S., Aygörmez S.  
Naunyn-Schmiedeberg's Archives of Pharmacology, 2025 (SCI-Expanded)
- II. **Trigonelline alkaloid is effective in preventing doxorubicin-induced lung damage**  
USLU H., ATİLA USLU G., ÇİÇEK B., BOLAT İ., YILDIRIM S.  
Archives of Physiology and Biochemistry, 2024 (SCI-Expanded)
- III. **Evaluating the effects of Prunus laurocerasus seed, fruit and leaf extracts on hyperglycaemia, insulin sensitivity and anti-oxidative activities in experimental diabetes in rat**  
Uslu H., Atila Uslu G.  
Thai Journal Of Veterinary Medicine, vol.51, no.4, pp.667-673, 2021 (SCI-Expanded)
- IV. **Therapeutic effect of Tarantula cubensis extract on indomethacin induced gastric ulcers in rats**  
Makav M., Gelen V., GEDİKLİ S., Atila Uslu G., Uslu H., EROĞLU H. A.  
Thai Journal of Veterinary Medicine, vol.50, no.4, pp.559-566, 2020 (SCI-Expanded)
- V. **Evaluating the effects of Juglans regia L. extract on hyperglycaemia and insulin sensitivity in experimental type 2 diabetes in rat**  
Atila Uslu G., Uslu H.  
Archives of Physiology and Biochemistry, 2019 (SCI-Expanded)
- VI. **A natural resource with antidiabetic, antihyperglycemic, antihyperlipidemic and cardioprotective effects: Ferula orientalis**  
Uslu H., Uslu G. A., Makav M., Elis T.

- Fresenius Environmental Bulletin, vol.28, no.8, pp.6268-6274, 2019 (SCI-Expanded)
- VII. **Effects of allium tuncelianum on hyperglycemia and oxidative stress in the kidney and liver tissues in rats with diabetes mellitus induced by streptozotocin** Streptozotosin ile diyabetes mellitus oluşturulan sıçanlarda Allium tuncelianum'un hiperglisemi ve böbrek ve karaciğer dokularında oksidatif stres üzerine etkileri  
Atila G., BİLGİLİ A., Uslu H., Erdağ D., Özkan O.  
Ankara Üniversitesi Veteriner Fakültesi Dergisi, vol.66, no.2, pp.185-190, 2019 (SCI-Expanded)
- VIII. **Effects of different doses of prunus laurocerasus L. Leaf extract on oxidative stress, hyperglycaemia and hyperlipidaemia induced by type I diabetes**  
Uslu H., Atila Uslu G., Özen H., Karaman M.  
Indian Journal of Traditional Knowledge, vol.17, no.3, pp.430-436, 2018 (SCI-Expanded)
- IX. **Effects of cinnamomum cassia extract on oxidative stress, immunoreactivity of iNOS and impaired thoracic aortic reactivity induced by type II diabetes in rats**  
Uslu G., Gelen V., Uslu H., Özen H.  
Brazilian Journal of Pharmaceutical Sciences, vol.54, no.3, 2018 (SCI-Expanded)
- X. **Anti-hyperglycaemic, anti-oxidant and anti-hyperlipidaemic effects of Momordica charantia L. On streptozotocin-induced diabetic rats**  
Atila G., Uslu H., BEYTUT E., Koc E., Ersan Y.  
Indian Journal of Traditional Knowledge, vol.14, no.3, pp.382-386, 2015 (SCI-Expanded)
- XI. **Effects of alpha lipoic acid and vitamin C supplementation on transforming growth factor alpha (TGF  $\alpha$ ) and transforming growth factor beta 2 (TGF  $\beta$ 2) secretion in testicular tissue of diabetic rats**  
Eliş Yıldız S., Bakir B., Uslu H., Karadağ Sari E., Karaman M.  
Turkish Journal of Veterinary and Animal Sciences, vol.39, no.1, pp.50-56, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Investigation of Changes in Apoptosis and Adipokine Biomarkers in Rats With Experimental Hypothyroidism**  
USLU H., ATILA USLU G., ÖZKAN E., ÇOBAN T. A.  
Archives of Basic and Clinical Research, vol.4, no.1, pp.28-34, 2022 (Peer-Reviewed Journal)
- II. **Hyoscyamus reticulatus L. Tohum Ekstraktının Antimikrobiyal ve Apoptotik Etkinliğinin Araştırılması**  
Akbaş P., Uslu H., Atila Uslu G., Alkan H.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.24, no.2, pp.317-322, 2020 (Peer-Reviewed Journal)
- III. **Protective Effects of Melatonin against Chronic Sodium Nitrite Exposure in Rats**  
Uslu H., Atila Uslu G., Adalı Y., Makav M., Gelen V.  
Fırat Üniversitesi Sağlık Bilimleri Veteriner Dergisi, vol.33, no.3, pp.139-145, 2019 (Peer-Reviewed Journal)
- IV. **Sıçanlarda İndometazin ile İndüklenen Mide Ülseri Üzerine Krom Pikolinatın Koruyucu Etkileri**  
Atila Uslu G., Uslu H.  
Gümüşhane Üniversitesi Sağlık Bilimleri Dergisi, vol.8, no.3, pp.237-244, 2019 (Peer-Reviewed Journal)
- V. **Hepatoprotective and nephroprotective effects of Trigonella foenum-graecum L.(Fenugreek) seed extract against sodium nitrite toxicity in rats**  
Atila Uslu G., Uslu H., Adalı Y.  
Biomedical Research and Therapy, vol.6, no.5, pp.3142-3150, 2019 (ESCI)
- VI. **Investigation of antifungal and antioxidant properties of Capparis ovata methanolic extracts**  
Özkan O., Erdağ D., Atila Uslu G., Metiner K., Çelik B., Kart A., Uslu H., Kırık F. E.  
Mehmet Akif Ersoy University Journal of Health Sciences Institute, vol.6, no.26, pp.60-66, 2019 (Peer-Reviewed Journal)
- VII. **Protective effect of Prunus laurocerasus L. fruit extract against indomethacin-induced gastric ulcer in rats** Prunus laurocerasus L. Meyve Ekstraktının Sıçanlarda İndometazin ile İndüklenen Gastrik

### **Ülsere Karşı Koruyucu Etkisi**

Uslu H., Atila Uslu G.

Ataturk Üniversitesi Veteriner Bilimleri Dergisi, vol.14, no.1, pp.64-70, 2019 (Scopus)

### **VIII. Effects of chromium picolinate on oxidative stress and hyperglycemia in experimental type 2 diabetic rats**

Uslu H., Uslu G.

Asian Journal of Pharmaceutical and Clinical Research, vol.11, no.10, pp.532-535, 2018 (Scopus)

### **IX. Association of gestational diabetes and proinflammatory cytokines (IL-6, TNF- $\alpha$ and IL-1 $\beta$ )**

Gelen V., Şengül E., Atila Uslu G., Uslu H., Makav M.

Journal of Embryology, vol.1, no.1, pp.6-11, 2017 (Peer-Reviewed Journal)

### **X. İsrail Sazanı (Carassius gibelio Bloch, 1782) Balıklarına Uygulanan Cypermethrin'in Oksidatif Stres Parametreleri Üzerine Etkileri**

Uslu H., Atila Uslu G., Ersan Y., Özden Z.

Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.6, no.1, pp.41-46, 2016 (Peer-Reviewed Journal)

### **XI. The Effect of Copper (II) Sulphate Toxication on The Liver Histopathology, Liver Protein Electrophoresis and Plasma Biochemistry of Mice (Mus musculus)**

Karademir B., Koç E., Ersan Y., Yılmaz M., Uslu H.

Van Veterinary Journal, vol.26, no.1, pp.25-30, 2015 (Peer-Reviewed Journal)

### **XII. Effects of Oral Administered Panax ginseng and Panax ginseng+ Ganoderma lucidum Extracts on Oxidative Stress, Lipid Profile and Liver Protein Expressions Hamsters**

Uslu H., Koç E., Atila Uslu G., Bardaş E., Ersan Y., Eroğlu H. A., İbiş O.

Fırat Üniversitesi Sağlık Bilimleri Veteriner Dergisi, vol.28, no.1, pp.29-34, 2014 (Peer-Reviewed Journal)

## **Books**

### **I. THE MAIN PHYSIOLOGICAL EFFECTS AND BE EFFECTIVE METABOLIC PATHWAYS OF CHLOROGENIC ACID**

Uslu H.

in: Research & Reviews in Health Sciences - II, PROF. DR. CEM EVEREKLİOĞLU, Editor, Gece Kitaplığı Yayınevi, Ankara, pp.129-149, 2021

### **II. GLİKOZ TRANSPORT SİSTEMLERİ; SGLT ve GLUT**

Uslu H.

in: Sağlık Bilimleri Alanında Araştırma ve Değerlendirmeler Cilt - 1, Prof. Dr. Cem EVEREKLİOĞLU, Doç. Dr. Gülşen GONCAGÜL, Dr. Cesareddin DİKMETAS, Editor, Gece Kitaplığı Yayınevi, Ankara, pp.243-258, 2019

### **III. Akuaporinler (AQPs) ve Bazı Sistemlerdeki Fizyolojik İşlevleri**

Gelen V., Şengül E., Atila Uslu G., Uslu H., Makav M.

in: Sağlık Bilimleri Alanında Araştırma ve Değerlendirmeler, Doç. Dr. Gülşen GONCAGÜL, Dr. Öğr. Üy. Meltem AKBAŞ, Uzm. Utku Murat KALAFAT, Editor, Gece Kitaplığı Yayınevi, Ankara, pp.137-149, 2019

### **IV. Resistin Hormonu**

Uslu H.

in: SAĞLIK BİLİMLERİ ALANINDA ARAŞTIRMA VE DEĞERLENDİRMELER, Doç. Dr. Gülşen GONCAGÜL, Dr. Öğr. Üy. Meltem AKBAŞ, Uzm. Utku Murat KALAFAT, Editor, Gece Kitaplığı Yayınevi, Ankara, pp.157-163, 2019

### **V. Apelin Hormonu ve Fizyolojik Etkileri**

Atila Uslu G., Uslu H., Gelen V., Makav M.

in: Güncel Fizyoloji-Histoloji Çalışmaları I, Tuncay ÖZGÜNEN, Sait POLAT, Editor, Akademisyen Kitabevi, Ankara, pp.1-13, 2019

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

- I. **The Influence of treatment with bevacizumab on oxidant/antioxidant balance in alkali injury related corneal neovascularization,**  
beytut E., EKİNCİ M., İBİŞ O., ATİLA USLU G., USLU H., EROĞLU H. A.  
4th International Congress on Cell Membranes and Oxidative Stress: focus on Calcium Signaling and TRP Channels, 4(1): 58, 24-27 Haziran, 2012., Isparta, Turkey, 24 June 2012, vol.4, pp.58
- II. **The Influence of treatment with ranibizumab on oxidant/antioxidant balance in alkali injury related corneal neovascularization,**  
beytut E., EKİNCİ M., İBİŞ O., ATİLA USLU G., USLU H., EROĞLU H. A.  
4th International Congress on Cell Membranes and Oxidative Stress: focus on Calcium Signaling and TRP Channels, 4(1): 58, 24-27 Haziran, 2012., Isparta, Turkey, 24 June 2012, vol.4, pp.58

## **Metrics**

Publication: 30

Citation (WoS): 2

Citation (Scopus): 19

H-Index (WoS): 1

H-Index (Scopus): 3