

## Asst. Prof. Oruç Yunusođlu

### Personal Information

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### Education Information

Under Graduate, Istanbul University, Sađlık Kurumları İşletmeciliđi, Sađlık Kurumları İşletmeciliđi, Turkey 2014 - 2017

Doctorate, Istanbul University, Cerrahpařa Tıp Fakóltesi, Tıbbı Farmakoloji, Turkey 2009 - 2014

Post Graduate, Istanbul University, İstanbul Tıp Fakóltesi, Farmakoloji Ve Klinik Farmakoloji, Turkey 2006 - 2009

Under Graduate, Istanbul University, Eczacılık Fakóltesi, Eczacılık Fakóltesi, Turkey 2003 - 2006

### Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Pharmacology and Clinical Pharmacology, Medical Pharmacology and Toxicology

### Professional Experience

Ethics Committee Member, Van Yüzüncü Yil University, Klinik Arařtırmalar Etik Kurulu, 2018 - Continues

Ethics Committee Member, Van Yüzüncü Yil University, Giriřimsel Olmayan Klinik Arařtırmalar Etik Kurulu, 2018 - Continues

Ethics Committee Member, Van Yüzüncü Yil University, Hayvan Deneyleri Yerel Etik Kurulu, 2017 - Continues

Board Member, Van Yüzüncü Yil University, Fakólte Yönetim Kurulu Üyesi, 2018 - 2019

### Advising Theses

Yunusođlu O., APPLICATION OF ATROPINE IN FASTED ANIMALS AND CONVULSIONS CAUSED BY FEEDING INVESTIGATION OF THE EFFECT OF GLIBENCLAMIDE, MINOXIDIL, CAFFEINE, AND USNIC ACID, Post Graduate, T.Safauldeen(Student), 2019

Yunusođlu O., Bildirici İ., Bazı 2-Pirazolo-Aril-Etanon ve Pirazolo-İzokinolin Türevlerinin Sentezi ve Antikonvülsan Aktivitelerinin İncelenmesi, Post Graduate, N.Bildirici(Student), 2019

Yunusođlu O., FARELERDE DENEYSEL EPİLEPTİK MODELDE PROPOLİSİN BEYİNDE ASETİLKOLİNESTERAZ VE OKSİDATİF STRES ÜZERİNE ETKİSİNİN ARAřTIRILMASI, Post Graduate, B.KARAYEL(Student), 2019

### Jury Memberships

Doctorate, Doktora Tez savunması, 2019, Doktora Tez savunması, 2019, December, 2019

Post Graduate, Yüksek lisans Tez savunması, 2019, Yüksek lisans Tez savunması, 2019, December, 2019

Post Graduate, Yüksek lisans Tez savunması, 2019, Yüksek lisans Tez savunması, 2019, October, 2019

Post Graduate, Yüksek lisans Tez savunması, 2019, Yüksek lisans Tez savunması, 2019, July, 2019

Post Graduate, Yüksek lisans Tez savunması, 2019, Yüksek lisans Tez savunması, 2019, July, 2019

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Effects of chronic ghrelin administration on IL-1, IL-6 and TNF- levels in PTZ kindling epilepsy model in rats**  
Erkeç Ö. E. , Huyut Z., Yunusoğlu O., Kara B.  
NEUROENDOCRINOLOGY, vol.111, pp.16-17, 2021 (Journal Indexed in SCI)
- II. **Electroanalytical investigation and determination of hepatitis C antiviral drug ledipasvir at a non-modified boron-doped diamond electrode**  
Allahverdiyeva S., Keskin E., Pınar P. T. , Yunusoğlu O., Yardım Y., Şentürk Z.  
Diamond and Related Materials, vol.108, 2020 (Journal Indexed in SCI)
- III. **A Simple Approach to Simultaneous Electroanalytical Quantification of Acetaminophen and Tramadol Using a Boron-doped Diamond Electrode in the Existence of Sodium Dodecyl Sulfate**  
Yunusoğlu O., Allahverdiyeva S., Yardım Y., Şentürk Z.  
ELECTROANALYSIS, vol.32, no.2, pp.429-436, 2020 (Journal Indexed in SCI)
- IV. **Adsorptive stripping voltammetric determination of higenamine on a boron-doped diamond electrode improved by the use of an anionic surfactant**  
Allahverdiyeva S., Talay Pınar P., Keskin E., Yunusoğlu O., Yardım Y., Şentürk Z.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.303, 2020 (Journal Indexed in SCI)
- V. **Myricetin inhibits angiotensin converting enzyme and induces nitric oxide production in HUVEC cell line**  
Berköz M., YILDIRIM M., YALIN S., İlhan M., Yunusoğlu O.  
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.39, no.3, pp.249-258, 2020 (Journal Indexed in SCI)
- VI. **Roe protein hydrolysate of Alburnus tarichi induces apoptosis in breast cancer MCF-7 and MDA-MB-231 cells through a caspase-dependent pathway**  
Berköz M., ÖZKAN YILMAZ F., ÖZLÜER HUNT A., Krosniak M., Türkmen Ö., Yunusoğlu O.  
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.39, no.5, pp.449-460, 2020 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Investigation of the Effect of Hyperforin and Hypericin on Inflammatory Response in RAW 264.7 Macrophages**  
Yunusoğlu O.  
Van Tıp Dergisi, vol.2, no.2, pp.124-131, 2018 (National Refreed University Journal)
- II. **Analysis of Phytochemical Composition and Biological Activities of Verbascum cheiranthifolium var. cheiranthifolium stem and flowers**  
Yunusoğlu O.  
International Journal of Secondary Metabolite, vol.5, no.3, pp.233-242, 2018 (Refereed Journals of Other Institutions)
- III. **Advances in current medication and new therapeutic approaches in epilepsy**  
Yunusoğlu O.  
East J Med, vol.23, no.1, pp.48-59, 2018 (Refereed Journals of Other Institutions)
- IV. **Varenikinin sıçanlarda morfine bağımlılığının gelişmesine, ortaya çıkmasına sönmesine ve nüks etmesine etkilerinin araştırılması**  
Yunusoğlu O.  
İSTANBUL TIP FAKÜLTESİ DERGİSİ, vol.77, pp.38, 2014 (National Refreed University Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Ratlarda Ghrelin Uygulamasının PTZ-Kindling Modelinde Antikonvulsan Etkileri**  
Erkeç Ö. E. , Yunusoğlu O., Huyut Z.  
3. Nörobilim Kongresi, İstanbul, Turkey, 14 - 15 December 2019, pp.193

- II. **Pentilentetrazol ile oluşturulan epilepsi modelinde epilobium hirsutum ekstraktının etkisinin araştırılması**  
Dzhafar S. S. , Dalar A., Ekin S., Yıldız D., Mükemre ., Yunusoğlu O.  
25. Ulusal Farmakoloji Kongresi, İzmir, Turkey, 3 - 07 October 2019, pp.168
- III. **Phytochemical Contents And Antioxidant Properties Of Pistacia Vera Fruit**  
Türkmen Ö., Yunusoğlu O., Berköz M., Ozkan Yılmaz F., Ozluer Hunt A.  
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, Trabzon, Turkey, 16 - 18 April 2019, pp.669
- IV. **First Electrochemical Investigation of Usnic Acid and its Voltammetric Determination at Pencil Graphite Electrode**  
Yunusoğlu O., Allahverdiyev S., Yardım Y.  
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, Trabzon, Turkey, 16 - 18 April 2019, pp.574
- V. **Lonicera Caerulea L. Extract Protects Hepg2 Cells From Oxidative Stress Injury Induced By Hydrogen Peroxide**  
Berköz M., Yunusoğlu O., Krosniak M., Francik R.  
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, Trabzon, Turkey, 16 - 18 April 2019, pp.666
- VI. **Antioxidant Activity Of Various Extracts From Psidium Guajava**  
Yunusoğlu O., Berköz M., Özkan-Yılmaz F., Özlüer-Hunt A., Türkmen Ö.  
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, Trabzon, Turkey, 16 - 18 April 2019, pp.667
- VII. **Antioxidant Activity Of An Ethnobotanically Important Plant Crocus Sativus**  
Yunusoğlu O., Berköz M., Ozkan Yılmaz F., Özlüer-Hunt A., Türkmen Ö.  
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, Trabzon, Turkey, 16 - 18 April 2019, pp.668
- VIII. **Chemical Composition, Antioxidant And Antimicrobial Effects Of Acantholimon Goeksunicum**  
Türkmen Ö., Yunusoğlu O., Berköz M., Ozkan Yılmaz F., Ozluer Hunt A.  
3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, Trabzon, Turkey, 16 - 18 April 2019, pp.670
- IX. **INVESTIGATION OF THE EFFECT OF VACCINIUM MYRTILLUS L. ON OXIDATIVE STRESS IN LUNG TISSUE OF DIABETIC RATS**  
Yunusoğlu O., Berköz M.  
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018, pp.347-348
- X. **ATTENUATION OF TESTIS DAMAGE IN STREPTOZOTOCIN-INDUCED DIABETIC RATS BY VACCINIUM MYRTILLUS L. EXTRACT**  
Yunusoğlu O., Berköz M.  
12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018, pp.342-343
- XI. **Glycitein Reduces the Proliferation and Adipogenesis of 3T3-L1 Preadipocytes**  
Yunusoğlu O., Aslan A., Berköz M.  
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.371
- XII. **The Effect of Juniperus Communis L. Oil on Oxidative Stress in the Liver Tissue of Diabetic Rats**  
Yunusoğlu O., Berköz M.  
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.370
- XIII. **Hepatoprotective Effect of Nigella sativa L. Extract in Methyl Parathion Exposed Rats**  
Yunusoğlu O., Berköz M.  
I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.321
- XIV. **Bupropion ve vareniklinin morfinin fiziksel bağımlılık üzerinde etkilerinin karşılaştırılması**  
Yunusoğlu O.  
13. ULUSAL SİNİRBİLİM KONGRESİ, Konya, Turkey, 9 - 12 May 2018, pp.179
- XV. **The Effect of Ferulago Angulata (Schlecht.) Boiss. Extract on Oxidative Stress in Kidney Tissue of**

### **Streptozotocin-Induced Diabetic Rats**

Yunusođlu O., Berköz M.

I. International Agricultural Science Congress, Van, Turkey, 9 - 12 May 2018, pp.377

- XVI. **Antioxidant activity of sweet orange oil**  
Yunusođlu O., Aslan A., Berköz M.  
Uluslararası Erdemli Sempozyumu, Mersin, Turkey, 19 - 21 April 2018, pp.67-70
- XVII. **Antimicrobial activity of sweet orange oil**  
Yunusođlu O., Aslan A., Bora G., Berköz M.  
International Erdemli Symposium, Mersin, Turkey, 19 - 21 April 2018, pp.63-66
- XVIII. **Prunus avium extract attenuates adipogenesis by down-regulating PPAR $\alpha$  and C/EBP $\alpha$  in 3T3-L1 cells**  
Yunusođlu O., Aslan A., Berköz M.  
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF-2018), İzmir, Turkey, 2 - 05 April 2018, pp.758
- XIX. **In vitro protective effects of white sweet cherry (Starks gold) fruits cultivated in Eređli (Konya, Turkey) on human hepatocellular carcinoma cells**  
Yunusođlu O., Aslan A., Berköz M.  
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF-2018), İzmir, Turkey, 2 - 05 April 2018, pp.757
- XX. **Anti-inflammatory effects of calycosin on lipopolysaccharide-stimulated RAW 264.7 cells**  
Yunusođlu O.  
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF-2018), İzmir, Turkey, 2 - 05 April 2018, pp.756
- XXI. **Antioxidant, Antibacterial and Antiproliferative Activities of Turkish Rhubarb (Rheum palmatum L.) leaf Extracts**  
Yunusođlu O., Berköz M.  
2nd International Conference on Natural Products for Cancer Prevention and Therapy, Kayseri, Turkey, 8 - 11 November 2017, pp.27
- XXII. **Aloe vera ekstraktının preadipositlerin farklılaşmasına olan etkisinin transkripsiyon faktörleri üzerinden incelenmesi**  
Yunusođlu O., Berköz M.  
24. Ulusal Farmakoloji Kongresi, Trabzon, Turkey, 17 - 20 October 2017, pp.37
- XXIII. **The effect of Vaccinium myrtillus L. extract on oxidative stress in the brain tissue of diabetic rats**  
Yunusođlu O., Berköz M.  
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF 2017), Nevşehir, Turkey, 15 - 17 May 2017, pp.916
- XXIV. **The role of hyperforin on adipocyte differentiation in 3T3-L1 pre-adipocyte cell line**  
Yunusođlu O., Berköz M.  
international conference on agriculture forest food sciences and technologies (ICAFOF 2017), Nevşehir, Turkey, 15 - 17 May 2017, pp.402
- XXV. **Vaccinium myrtillus L. extract can inhibit the oxidative stress in diabetic rats' spleen tissue**  
Yunusođlu O., Berköz M.  
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF 2017), Nevşehir, Turkey, 15 - 17 May 2017, pp.1009
- XXVI. **Hypericin isolated from Hypericum perforatum can decrease the adipocyte differentiation**  
Yunusođlu O., Berköz M.  
International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF 2017), Nevşehir, Turkey, 15 - 17 May 2017, pp.817
- XXVII. **Streptozosin ile diyabet oluşturulan sıçanlarda beyin ve karaciğer dokularında Ferulago angulata (Schlecht.) Boiss ekstresinin bazı oksidatif stres parametrelerine etkisinin araştırılması**  
Yunusođlu O., Dede S., Berköz M.  
3rd International Convention of Pharmaceuticals and Pharmacies (IVEK-3), İstanbul, Turkey, 26 - 29 April 2017,

pp.742

- XXVIII. **The effect of Juniperus communis oil on oxidative stress in brain tissue of diabetic rats**  
Yunusoğlu O., Berköz M.  
3rd International Convention of Pharmaceuticals and Pharmacies (IVEK-3), İstanbul, Turkey, 26 - 29 April 2017,  
pp.829
- XXIX. **The common herbal plants used in epilepsy control**  
Yunusoğlu O.  
3rd International Convention of Pharmaceuticals and Pharmacies (IVEK-3), İstanbul, Turkey, 26 - 29 April 2017,  
vol.10, pp.715-716
- XXX. **Vaccinium myrtillus L. ekstresinin diyabetik sıçanların karaciğer dokusunda oksidatif stres parametrelerine etkisinin incelenmesi**  
Yunusoğlu O., Berköz M.  
3rd International Convention of Pharmaceuticals and Pharmacies (IVEK-3), İstanbul, Turkey, 26 - 29 April 2017,  
pp.542
- XXXI. **The Commonly Used Therapy For Epilepsy**  
Yunusoğlu O., Berköz M.  
3rd International Convention of Pharmaceuticals and Pharmacies (IVEK-3), İstanbul, Turkey, 26 - 29 April 2017,  
pp.739
- XXXII. **Silybum marianum ekstresinin diyabetik sıçanların serumunda immun parametrelere ve protein oksidasyonuna etkilerinin incelenmesi**  
Yunusoğlu O., Berköz M.  
3rd International Convention of Pharmaceuticals and Pharmacies (IVEK-3), İstanbul, Turkey, 26 - 29 April 2017,  
pp.543
- XXXIII. **Effect of Silybum marianum extract on ADA, DADA, lysozyme and MPO activity in liver tissue of diabetic rats**  
Yunusoğlu O., Berköz M.  
3rd International Convention of Pharmaceuticals and Pharmacies (IVEK-3), İstanbul, Turkey, 26 - 29 April 2017,  
pp.834
- XXXIV. **The effect of Olea europaea L. extract on oxidative stress in brain tissue of diabetic rats**  
Yunusoğlu O., Berköz M.  
3rd International Convention of Pharmaceuticals and Pharmacies (IVEK-3), İstanbul, Turkey, 26 - 29 April 2017,  
pp.815
- XXXV. **Investigation of the effect of Vaccinium myrtillus L. extract on oxidative stress in kidney tissues of diabetic rats**  
Yunusoğlu O., Berköz M.  
III. Mediterranean Pharmacy Congress, Mersin, Turkey, 21 - 23 April 2017, pp.9-10
- XXXVI. **The Effects of a Ginkgo biloba extract on extinction and relapse of ethanol-induced conditioned place preference in mice**  
Yunusoğlu O.  
7th European Congress of Pharmacology, İstanbul, Turkey, 26 - 30 June 2016, pp.410
- XXXVII. **Ropinirole prevents the addiction and withdrawal symptoms of morphine induced conditioned place preference in rats**  
Yunusoğlu O.  
7th European Congress of Pharmacology, İstanbul, Turkey, 26 - 30 June 2016, pp.176
- XXXVIII. **Comparison of the effects of varenicline and bupropion on the conditioned place preference test which is induced by morphine in rats**  
Yunusoğlu O.  
7th European Congress of Pharmacology, İstanbul, Turkey, 26 - 30 June 2016, pp.403
- XXXIX. **Ethanol extract of Cumin (Cuminum cyminum L.) seeds inhibited lipopolysaccharideinduced inflammatory responses in Raw 264.7 cells**  
Yunusoğlu O.

7th European Congress of Pharmacology, İstanbul, Turkey, 26 - 30 June 2016, pp.390

**XL. The effect of orphenadrine on morphine induced conditioned place preference**

Yunusoğlu O.

7th European Congress of Pharmacology, İstanbul, Turkey, 26 - 30 June 2016, pp.420

**XLII. Gallocatechin gallate inhibits the adipocyte differentiation**

Yunusoğlu O., Bora G.

6th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels, Isparta, Turkey, 24 - 27 May 2016, pp.573-574

**XLIII. ANTIEPILEPTIC FOLK MEDICINES FROM EASTERN ANATOLIA**

Yunusoğlu O., Dalar A.

2nd International Conference on Natural Products Utilization: From Plants to Pharmacy Shelf, Plovdiv, Bulgaria, 14 - 17 October 2015, pp.312

**XLIV. TRADITIONAL HERBAL MEDICINES USED FOR ANALGESIC PURPOSES IN EASTERN ANATOLIA**

Yunusoğlu O., Dalar A.

2nd International Conference on Natural Products Utilization: From Plants to Pharmacy Shelf, Plovdiv, Bulgaria, 14 - 17 October 2015, pp.100

**XLV. FARELERDE PENTİLENTETRAZOL İLE OLUŞTURULAN KİNDLİNG EPİLEPSİ MODELİNDE MELİSSA OFFİCİNALİS'İN ETKİSİNİN ARAŞ- TIRILMASI**

Yunusoğlu O.

23. Ulusal Farmakoloji Kongresi, Ankara, Turkey, 7 - 10 September 2015, pp.344

**XLVI. GALLOKATEŞİNİN YAĞ HÜCRESİ FARKLILAŞMASI ÜZERİNE ETKİ- LERİNİN İNCELENMESİ**

Yunusoğlu O.

23. Ulusal Farmakoloji Kongresi, Ankara, Turkey, 7 - 10 September 2015, pp.373

## Supported Projects

Erkeç Ö. E. , Huyut Z., Allahverdiyev O., Project Supported by Higher Education Institutions, PTZ kindling epilepsi modeli oluşturulan sıçanlarda ghrelinin IL1-Beta, IL-6 ve TNF-alfa düzeyleri üzerine etkileri, 2019 - 2019

Dalar A., BENGÜ A. Ş. , Allahverdiyev O., Project Supported by Higher Education Institutions, Verbascum cheiranthifolium var cheiranthifolium Bitkisinin Biyoaktivite Özellikleri ve Biyoaktif Bileşenlerinin Tespiti, 2017 - 2019

Bildirici İ., Allahverdiyev O., BİLDİRİCİ N., Project Supported by Higher Education Institutions, Bazı 2-Pirazolo-Aril-Etanon ve Pirazolo-İzokinolin Türevlerinin Sentezi ve Antikonvülsan Aktivitelerinin İncelenmesi, 2017 - 2019

Yunusoğlu O., Berköz M., YILDIRIM M., Türkmen Ö., Project Supported by Higher Education Institutions, Aloe vera ekstraktının preadipositlerin farklılaşmasına olan etkisinin transkripsiyon faktörleri üzerinden incelenmesi, 2016 - 2017

## Scientific Refereeing

Van Sağlık Bilimleri Dergisi, National Scientific Refreed Journal, December 2019

Annals of Medicine and Medical Research, Other Indexed Journal, October 2019

Annals of Medicine and Medical Research, Other Indexed Journal, August 2019

Medical Hypotheses, SCI Journal, July 2019

Journal of Food Measurement and Characterization, SCI Journal, July 2019

## Scientific Research / Working Group Memberships

Bitki Biyoteknolojisi ve Genetik Araştırma Grubu, VAN YÜZÜNCÜ YIL ÜNİVERSİTESİ, Turkey, <http://hamitbattal.wixsite.com/battallab/about>, 2018 - Continues

## **Edit Congress and Symposium Activities**

3. International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences, Session Moderator, Trabzon, Turkey, 2019

## **Citations**

Total Citations (WOS):26

h-index (WOS):3