

Res. Asst. AYŞE NUR YAVUZ

Personal Information

Birthyear: 1991

Place of birth: Bakırköy

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Education Information

Doctorate, Marmara University, Faculty of Pharmacy, Turkey 2015 - Continues

Under Graduate, İstanbul Üniversitesi, Eczacılık Fakültesi, Turkey 2009 - 2014

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, Zeiss on Your Campus, İleri Mikroskopi Teknikleri, Zeiss, 2019

Vocational Training, Springer Nature Yazar Workshop, Marmara University, 2018

Health&Medicine, İyi Klinik Uygulamalar ve Temel Klinik Araştırmalar Eğitimi, İstanbul Üniversitesi, İstanbul Tıp Fakültesi, Tıbbi Farmakoloji Anabilim Dalı, 2018

Health&Medicine, Hücre Kültüründe Pratik Flow Cytometry Uygulamaları Eğitimi, Kocaeli Üniversitesi, 2018

Health&Medicine, 24. Hücre Kültürü ve Doku Mühendisliği Kursu: Temel Hücre Kültürü Teknikleri ve Moleküler Biyoloji Uygulamaları, Kocaeli Üniversitesi KÖGEM, 2018

Health&Medicine, Marmara Üniversitesi Deney Hayvanları Kullanım Kursu, Marmara Üniversitesi Sürekli Eğitim Merkezi, 2015

Research Areas

Health Sciences, Pharmacology

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Pharmacy, 2015 - Continues

Research Assistant, Bülent Ecevit Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2014 - Continues

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

- Accelerated diabetic wound healing by topical application of combination oral antidiabetic agents-loaded nanofibrous scaffolds: An in vitro and in vivo evaluation study**
Cam M. E. , ERTAŞ B., Alenezi H., Hazar-Yavuz A. N. , Cesur S., Ozcan G. S. , Ekentok C., Guler E., Katsakouli C.,

Demirbas Z., et al.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.119, 2021 (Journal Indexed in SCI)

- II. **A novel treatment strategy for preterm birth: Intra-vaginal progesterone-loaded fibrous patches**
Cam M. E. , Hazar-Yavuz A. N. , Cesur S., Ozkan O., Alenezi H., Turkoglu Sasmazel H., Sayip Eroglu M., Brako F., Ahmed J., Kabasakal L., et al.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.588, 2020 (Journal Indexed in SCI)
- III. **The comparison of glybenclamide and metformin-loaded bacterial cellulose/gelatin nanofibres produced by a portable electrohydrodynamic gun for diabetic wound healing**
Cam M. E. , Crabbe-Mann M., Alenezi H., Hazar-Yavuz A. N. , ERTAŞ B., Ekentok C., Ozcan G. S. , Topal F., Guler E., YAZIR Y., et al.
EUROPEAN POLYMER JOURNAL, vol.134, 2020 (Journal Indexed in SCI)
- IV. **Protective effects of vortioxetine in predator scent stress model of post-traumatic stress disorder in rats: role on neuroplasticity and apoptosis.**
Ozbeyli D., Aykac A., Alaca N., Hazar-Yavuz A. N. , Ozkan N., Sener G.
Journal of physiology and pharmacology : an official journal of the Polish Physiological Society, vol.70, no.4, 2019 (Journal Indexed in SCI Expanded)
- V. **The methanolic extract of Thymus praecox subsp. skorpilii var. skorpilii restores glucose homeostasis, ameliorates insulin resistance and improves pancreatic β -cell function on streptozotocin/nicotinamide-induced type 2 diabetic rats**
ÇAM M. E. , Hazar-Yavuz A. N. , Yildiz S., ERTAŞ B., Adakul B. A. , TAŞKIN T., ALAN S., KABASAKAL L.
Journal of Ethnopharmacology, vol.231, pp.29-38, 2019 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Antispasmodic activities of the methanolic extract from aerial parts of Origanum species on excised rat ileum**
ÇAM M. E. , YAVUZ A. N. , KABASAKAL L., TAŞKIN T., BİTİŞ L., ELÇİOĞLU H. K.
İstanbul Journal of Pharmacy, vol.50, no.3, pp.277-282, 2020 (Journal Indexed in ESCI)
- II. **Antioxidant and anti-inflammatory activities of Phlomis pungens and Coridothymus capitatus**
TAŞKIN T., ÇAM M. E. , BULUT G., YAVUZ A. N. , KABASAKAL L., BİTİŞ L.
MARMARA PHARMACEUTICAL JOURNAL, vol.22, no.1, pp.80-85, 2020 (Other Refereed National Journals)
- III. **Antioxidant and anti-inflammatory activities of Phlomis pungens and Coridothymus capitatus**
TAŞKIN T., ÇAM M. E. , BULUT G., Hazar-Yavuz A. N. , KABASAKAL L., BİTİŞ L.
MARMARA PHARMACEUTICAL JOURNAL, vol.22, no.1, pp.80-85, 2018 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of single and combined effects of pycnogenol and curcumin on type 2 diabetes mellitus model induced by high-fat diet and low dose streptozotocin in rats**
YAVUZ A. N. , ÇAM M. E. , KELEŞ R. M. , ERTAŞ B., XHAFA V., KABASAKAL L.
Cukurova 5th International Scientific Researches Conference, Adana, Turkey, 21 - 23 February 2020
- II. **The effects of some traditional medical plants and beta amyloid protein in cell viability**
SALEH ALRABEI M., YAVUZ A. N. , EKENTOK C., TAŞKIN T., ÖZBAŞ TURAN S., KABASAKAL L.
International Multidisciplinary Symposium on Drug Research Development (DRD'2019), 1 - 03 July 2019
- III. **Investigation of antineoplastic activity of Achillea nobilis subsp. neilreichii plant in experimental breast cancer**
ŞEHLAN S. S. , YAVUZ A. N. , EKENTOK C., TAŞKIN T., ALAN S., ÖZBAŞ TURAN S., KABASAKAL L.
International Multidisciplinary Symposium on Drug Research Development (DRD'2019), 1 - 03 July 2019

- IV. **The protective and therapeutic effects of artichoke extract on multiple organ failure induced by experimental sepsis in rats**
Yavuz A. N. , Çam M. E. , Acar A. E. , Alan S., Kabasakal L.
International Multidisciplinary Symposium on Drug Research & Development (DRD'2019), Malatya, Turkey, 1 - 03 July 2019
- V. **A PPAR-alpha agonist gemfibrozil ameliorates cognitive and memory impairments in a sporadic Alzheimer's disease rat**
Yildiz S., Cam M. E. , Keles R., Hazar-Yavuz A. N. , Kabasakal L.
31st Congress of the European-College-of-Neuropsychopharmacology (ECNP), Barcelona, Spain, 6 - 09 October 2018, vol.29
- VI. **Dapagliflozin attenuates depressive-like behavior of male rats in the forced swim**
Cam M. E. , Hazar-Yavuz A. N. , Yildiz S., Keles R., Ertas B., Kabasakal L.
31st Congress of the European-College-of-Neuropsychopharmacology (ECNP), Barcelona, Spain, 6 - 09 October 2018, vol.29
- VII. **Dapagliflozin attenuates anxiolytic-like behavior of rats in open field test**
Keles R., Hazar-Yavuz A. N. , Yildiz S., Cam M., Sener G.
31st Congress of the European-College-of-Neuropsychopharmacology (ECNP), Barcelona, Spain, 6 - 09 October 2018, vol.29
- VIII. **Sodium glucose co-transporter inhibitor dapagliflozin attenuates cognitive deficits in streptozotocin induced sporadic Alzheimer's rat model**
Yavuz A. N. , Yıldız S., Keles R. M. , Çam M. E. , Kabasakal L.
31st European College of Neuropsychopharmacology (ECNP) Congress, Barcelona, Spain, 6 - 09 November 2018
- IX. **Sodium-glucose co-transporter inhibitor dapagliflozin attenuates cognitive deficits in streptozotocin induced sporadic alzheimer'x's rat model**
YAVUZ A. N. , YILDIZ S., KELEŞ R. M. , ÇAM M. E. , KABASAKAL L.
31. ECNP Congress, BARCELONA, Spain, 6 - 09 October 2018
- X. **A PPAR-alpha agonist gemfibrozil ameliorates cognitive and memory impairments in a sporadic Alzheimer'x's disease rat model**
YILDIZ S., ÇAM M. E. , KELEŞ R. M. , YAVUZ A. N. , KABASAKAL L.
31. ECNP Congress, BARCELONA, Spain, 6 - 09 October 2018
- XI. **Artichoke Demonstrates Anti-inflammatory effects on Sepsis-Induced Multiple Organ Failure in Rats**
ÇAM M. E. , Acar A. E. , YAVUZ A. N. , yıldız s., TAŞKIN T., KABASAKAL L.
International Meeting on Education and Research in Health Sciences (IMER-HS), 3 - 05 November 2017
- XII. **Protective and Therapeutically Activity of Cynara scolymus on Sepsis-Induced Rat Kidney**
ACAR A. E. , ÇAM M. E. , YILDIZ S., YAVUZ A. N. , TAŞKIN T., KABASAKAL L.
International Meeting on Education and Research in Health Sciences (IMER-HS), 3 - 05 November 2017
- XIII. **Cynara scolymus attenuates apoptotic, inflammatory and oxidative damage of rats with sepsis**
YAVUZ A. N. , acar a. e. , ÇAM M. E. , YILDIZ S., TAŞKIN T., KABASAKAL L.
International Meeting on Education and Research in Health Sciences (IMER-HS), 03 November 2017 - 05 January 2018
- XIV. **Cynara scolymus attenuates apoptotic and inflammatory damage on ileum of sepsis-induced rats**
YAVUZ A. N. , Acar A. E. , ÇAM M. E. , YILDIZ S., TAŞKIN T., KABASAKAL L.
International Meeting on Education and Research in Health sciences(IMER-HS), 3 - 05 November 2017
- XV. **Protective and therapeutic activity of Cynara scolymus on Kidney of Sepsis-induced rats**
Acar A. E. , ÇAM M. E. , yıldız s., YAVUZ A. N. , TAŞKIN T., KABASAKAL L.
International Meeting on Education and Research in Health sciences(IMER-HS), 3 - 05 November 2017
- XVI. **Protective and therapeutically activity of Cynara scolymus on sepsis-induced rat kidney**
acar a. e. , ÇAM M. E. , YILDIZ S., YAVUZ A. N. , TAŞKIN T., KABASAKAL L.
International Meeting on Education and Research in Health Sciences (IMER-HS), 3 - 05 November 2017
- XVII. **Cynara Scolymus Attenuates Apoptotic and Inflammatory Damage on Ileum of Sepsis- Induced Rats**
YAVUZ A. N. , ACAR A. E. , ÇAM M. E. , Yıldız S., TAŞKIN T., KABASAKAL L.

- International Meeting on Education and Research in Health Sciences (IMER-HS), 3 - 05 November 2017
- XVIII. The potential effects of *Cynara scolymus* on liver of sepsis-induced rats**
YILDIZ S., ÇAM M. E. , acar a. e. , YAVUZ A. N. , TAŞKIN T., KABASAKAL L.
International Meeting on Education and Research in Health Sciences (IMER-HS), 3 - 05 November 2017
- XIX. Anti-spasmodic activity of endemic *Origanum saccatum***
ELÇİOĞLU H. K. , ÇAM M. E. , YAVUZ A. N. , BİTİŞ L., TAŞKIN T., KABASAKAL L.
24th National Pharmacology Congress, Turkey, 17 - 20 October 2017
- XX. Endemik *origanum saccatum* türünün antispazmodik aktivitesi**
ELÇİOĞLU H. K. , ÇAM M. E. , YAVUZ A. N. , BİTİŞ L., TAŞKIN T., KABASAKAL L.
24. Ulusal Farmakoloji Kongresi, Trabzon, Turkey, 17 - 20 October 2017
- XXI. Endemik *Oiganum saccatum* Türünün Antispazmodik Aktivitesi**
ELÇİOĞLU H. K. , ÇAM M. E. , YAVUZ A. N. , BİTİŞ L., TAŞKIN T., KABASAKAL L.
24. Ulusal Farmakoloji Kongresi, Turkey, 17 - 20 October 2017
- XXII. Nicotinic alpha7 receptor agonist and modulators improved social but not sensorimotor deficits on subchronic MK-801 model of schizophrenia in rats**
Unal G., Zortul H., Hazar-Yavuz A. N. , Aricioglu F.
30th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Paris, France, 2 - 05 September 2017, vol.27
- XXIII. Nicotinic alpha7 receptor agonist and modulators improved social but not sensorimotor deficits on subchronic MK-801 model of scizophrenia in rats.**
ÜNAL G., Zortul H., YAVUZ A. N. , ARICIOĞLU F.
30th Congress European College of Neuropsychopharmacology (ECNP), 2 - 05 September 2017
- XXIV. Effect of nicotinic alpha 7 receptor agonist and possitive allosteric modulators on cognitive symptoms in subchronic MK-801 model of schizophrenia in rats.**
ÜNAL G., ARICIOĞLU F., YAVUZ A. N. , Zortul H.
British Association of Psychopharmacology (BAP) Summer Meeting, 23 - 26 July 2017
- XXV. Cholinergic alpha 7 nicotinic receptor agonism improved cognitive and negative symptoms of MK-801-induced schizophrenia in rats.**
ÜNAL G., ARICIOĞLU F., YAVUZ A. N.
9th International Congress on Psychopharmacology and 5th International Symposium on Child and Adolescent Psychopharmacology, 26 - 30 April 2017
- XXVI. Antidepressant like effect of hydro-alcoholic extract of *Nigella sativa* in tail suspension test in mice**
Hazar-Yavuz A. N. , Keles R., Unal G., Taskin T., Aricioglu F.
29th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Vienna, Austria, 17 - 20 September 2016, vol.26
- XXVII. Famotidine: Is it a potential new candidate for the treatment of schizophrenia by inhibiting GSK-3 beta?**
Unal G., Dokumaci A. H. , Hazar-Yavuz A. N. , Aycan M. B. , Sahin C., Keles R., Aricioglu F.
29th Congress of the European-College-of-Neuropsychopharmacology (ECNP), Vienna, Austria, 17 - 20 September 2016, vol.26
- XXVIII. Antidepressant like effect of hydro-alcoholicextract of *Nigella sativa* in tail suspensiontest in mice**
YAVUZ A. N. , KELEŞ R. M. , ÜNAL G., TAŞKIN T., ARICIOĞLU F.
29th Congress European College of Neuropsychopharmacology (ECNP), 17 - 20 September 2016
- XXIX. The combination of sub effective doses of agmatine and ketamine reduces obsessive compulsive like behavior of mice in marble burying test**
KELEŞ R. M. , HAZAR A. N. , CEREN Ş., ÜNAL G., ARICIOĞLU F.
30th The International College of Neuropsychopharmacology (CINP) Congress, Seul, South Korea, 3 - 05 July 2016, no.1
- XXX. Famotidine reverses social withdrawal but not fear conditioning deficits induced by acute ketamine model in rats**
ARICIOĞLU F., ÜNAL G., YAVUZ A. N. , CEREN Ş., KELEŞ R. M.

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

- XXXI. **Famotidine reverses learning and memory deficits induced by acute ketamine model of schizophrenia in novel object recognition test in rats**
HAZAR A. N. , ÜNAL G., CEREN Ş., KELEŞ R. M. , MELİNA K., ARICIOĞLU F.
8th International Congress on Psychopharmacology & 4th International Child and Adolescent Psychopharmacology Symposium, Antalya, Turkey, 20 - 24 April 2016, vol.26, pp.185
- XXXII. **Agmatine potentiates the antidepressant effect of ketamine in forced swimming test of rats**
KELEŞ R. M. , HAZAR A. N. , CEREN Ş., ÜNAL G., ARICIOĞLU F.
8th International Congress on Psychopharmacology & 4th International Child and Adolescent Psychopharmacology Symposium, Antalya, Turkey, 20 - 24 April 2016, vol.26, pp.184

Supported Projects

Yavuz A. N. , Kabasakal L., Project Supported by Higher Education Institutions, Sıçanlarda Diyabetle İndüklenen Alzheimer Modelinde Sodyum-Glukoz Ko-Transporter İnhibitörlerinin Etkilerinin İncelenmesi, 2018 - 2020
Çam M. E. , YAVUZ A. N. , ERTAŞ B., Project Supported by Higher Education Institutions, Sıçanlarda Diyabetle İndüklenen Alzheimer Modelinde Kanagliflozinin Etkilerinin İncelenmesi, 2018 - 2019
Çam M. E. , YAVUZ A. N. , ERTAŞ B., Project Supported by Higher Education Institutions, Sıçanlarda Diyabetle İndüklenen Alzheimer Modelinde Sodyum Glukoz Co-Transporter İnhibisyonu Yapan Bitkilerin Etkilerinin İncelenmesi, 2018 - 2019

Edit Congress and Symposium Activities

International Multidisciplinary Symposium on Drug Research & Development (DRD2019), Working Group, Malatya, Turkey, 2019
31st European College of Neuropsychopharmacology (ECNP) Congress, Working Group, Barcelona, Spain, 2018
2. Ulusal Marmara Eczacılık Kongresi (UMEK 2018), Working Group, İstanbul, Turkey, 2018
International Meeting on Education and Research in Health Sciences (IMER-HS), Working Group, İstanbul, Turkey, 2017
6. Hücre Kültürü Sempozyumu, Working Group, İstanbul, Turkey, 2017
IVEK 3. International Convention of Pharmaceuticals and Pharmacies, Working Group, İstanbul, Turkey, 2017
1. Ulusal Marmara Eczacılık Kongresi (UMEK 2016), Working Group, İstanbul, Turkey, 2016
29. European College of Neuropsychopharmacology Congress, Working Group, Vienna, Austria, 2016
8. International Congress on Psychopharmacology & 4th International Symposium on Child and Adolescent Psychopharmacology, Working Group, Antalya, Turkey, 2016
IVEK 1. International Convention of Pharmaceuticals and Pharmacies, Working Group, İstanbul, Turkey, 2014
2. İstanbul Üniversitesi Eczacılık Fakültesi Geleneksel Tıp Sempozyumu, Working Group, İstanbul, Turkey, 2013
Symposium on Pharmacoeconomics; Basic Principles and Valuation of Health States, Working Group, İstanbul, Turkey, 2013
1. İstanbul Üniversitesi Eczacılık Fakültesi Geleneksel Tıp Sempozyumu, Working Group, İstanbul, Turkey, 2013

Citations

Total Citations (WOS):22

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Awards

Yıldız S., Çam M. E. , Keles R. M. , Yavuz A. N. , Kabasakal L., ECNP CDE GRANT: A PPAR-alpha agonist gemfibrozil ameliorates cognitive and memory impairments in a sporadic Alzheimer's disease rat model, European College Of

Neuropsychopharmacology, November 2018

Yavuz A. N. , Keles R. M. , Ünal G., Taşkın T., Arıcıoğlu F., ECNP CDE GRANT: Antidepressant like effect of hydro-alcoholic extract of *Nigella sativa* in tail suspension test, European College Of Neuropsychopharmacology, September 2016

Keles R. M. , Yavuz A. N. , Sahin C., Ünal G., Arıcıoğlu F., CINP GRANT: The combination of sub-effective doses of agmatine and ketamine reduces obsessive-compulsive-like behavior of mice in marble burying test, The International College Of Neuropsychopharmacology (Cinp), July 2016