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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-9174-2019

ScopusID: 57200390634

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Education Information

Doctorate, Marmara University, Faculty Of Pharmacy, Turkey 2015 - 2023

Undergraduate, Istanbul University, Faculty Of Pharmacy , 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, Koaceli 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, Professional Pharmaceutical Sciences, 2015 - 2023

Research Assistant, Bülent Ecevit Üniversitesi, 2014 - 2020

- I. **Sublingual Administration of Teucrium Polium-Loaded Nanofibers with Ultra-Fast Release in the Treatment of Diabetes Mellitus: In Vitro and In Vivo Evaluation**
POLAT E. B., YAVUZ A. N., Guler E., Ozcan G. S., TAŞKIN T., DURUKSU G., ELÇİÖĞLU H. K., YAZIR Y., ÇAM M. E.
Journal of Pharmaceutical Sciences, vol.113, no.4, pp.1068-1087, 2024 (SCI-Expanded)
- II. **Rosa canina L. improves learning and memory-associated cognitive impairment by regulating glucose levels and reducing hippocampal insulin resistance in high-fat diet/streptozotocin-induced diabetic rats**
ERTAŞ B., YAVUZ A. N., Topal F., Keles-Kaya R., Karakus Ö., Ozcan G. S., TAŞKIN T., ÇAM M. E.
Journal of Ethnopharmacology, vol.313, 2023 (SCI-Expanded)
- III. **A Comparison Study of Fiber Diameter's Effect on Characteristic Features of Donepezil/Curcumin-Loaded Polycaprolactone/Poly(lactic Acid) Nanofibers**
Aydin S., Kabaoglu I., Guler E., Topal F., YAVUZ A. N., EKENTOK ATICI C., TATAR E., Gurbuz F., GÜNDÜZ O., ÇAM M. E.
MACROMOLECULAR MATERIALS AND ENGINEERING, vol.307, no.5, 2022 (SCI-Expanded)
- IV. **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 (SCI-Expanded)
- V. **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 (SCI-Expanded)
- VI. **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 (SCI-Expanded)
- VII. **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 (SCI-Expanded)
- VIII. **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 (SCI-Expanded)

Articles Published in Other Journals

- I. **Vehicle noise pollution awareness for human health and environmental impacts: A comprehensive review**
Yavuz A., YAVUZ A. N., Hacibektaşoğlu S. E.
Acta Pharmaceutica Scientia, vol.62, no.2, pp.244-266, 2024 (Scopus)
- II. **The methanolic extracts of Teucrium polium L. and Micromeria fruticosa (L.) Druce subsp. brachycalyx P. H. Davis improve diabetes in streptozotocin/nicotinamide-induced type 2 diabetic female Sprague Dawley rats**
Sermet S., ÇAM M. E., YAVUZ A. N., TAŞKIN T., Kabatas G. S., YAZIR Y., KABASAKAL L., ELÇİÖĞLU H. K.
Obesity Medicine, vol.44, 2023 (Scopus)

- III. **Comparison of the Effectiveness of Probiotics in the Experimental Colitis Model**
KILICOGLU E., YAVUZ A. N., KABATAŞ G. S., YAZIR Y., KABASAKAL L.
Journal of research in pharmacy (online), vol.27, no.4, pp.1626-1637, 2023 (ESCI)
- IV. **Investigation of vehicle-induced whole-body vibration with experimental rat models**
YAVUZ A. N., Yavuz A.
Journal of Research in Pharmacy, vol.27, no.6, pp.2310-2329, 2023 (ESCI)
- V. **Effects of Cornus mas L. on lipid peroxidation and anti-oxidative enzyme activity in high fat diet fed rats**
KARĞIN D., AKTAÇ Ş., YAVUZ A. N., ÇAM M. E.
JOURNAL OF RESEARCH IN PHARMACY, vol.27, pp.432-440, 2023 (ESCI)
- VI. **Sodium-glucose co-transporter inhibitor dapagliflozin attenuates cognitive deficits in sporadic Alzheimer's rat model**
YAVUZ A. N., Yildiz S., Kaya R. K., ÇAM M. E., KABASAKAL L.
Journal of Research in Pharmacy, vol.26, no.2, pp.298-310, 2022 (ESCI)
- VII. **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., ELÇİÖĞLU H. K.
İstanbul Journal of Pharmacy, vol.50, no.3, pp.277-282, 2020 (ESCI)
- VIII. **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 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Donepezil/Curcumin-Loaded Polycaprolactone/Poly(lactic Acid) Nanofibers: A Novel Drug Delivery System for the Treatment of Alzheimer's Disease**
Aydın S., Kabaoğlu İ., Güler E., Topal F. F., YAVUZ A. N., ÇAM M. E.
Applications of Chemistry in Nanosciences and Biomaterials Engineering, Romania, 25 July 2021
- II. **Production and Characterization of Empagliflozin-Loaded 3-Layer Polymeric Fibers for the Treatment of Diabetes Mellitus: An In-vitro Study**
YAVUZ A. N., Güler E., ÇAM M. E.
Applications of Chemistry in Nanosciences and Biomaterials Engineering, Romania, 25 July 2021
- III. **The Evaluation of Ultra-Fast Release Teucrium polium-Loaded Nanofibers Produced by Electrospinning in the Treatment of Diabetes Mellitus**
Polat E. B., YAVUZ A. N., Güler E., ELÇİÖĞLU H. K., ÇAM M. E.
Applications of Chemistry in Nanosciences and Biomaterials Engineering, Romania, 25 July 2021
- IV. **İNTRASEREBROVENTRİKÜLER AĞ 42 PEPTİDİ UYGULAMASIYLA SIÇANLARDA OLUŞTURULAN DENEYSEL ALZHEİMER HASTALIĞI MODELİNDE KANNABİDİOL'ÜN ETKİLERİNİN İNCELENMESİ**
Aydın A. C., Elçioğlu H. K., Yavuz A. N.
International Congress on Medical Sciences and Multidisciplinary Approaches, İstanbul, Turkey, 20 - 21 February 2021, pp.21-25
- V. **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
- VI. **Cannabis sativa'nın Alzheimer hastalığındaki etkileri**
Aydın A. C., Elçioğlu H. K., Yavuz A. N.
3. Nörobilim kongresi, İstanbul, Turkey, 14 - 15 December 2019
- VII. **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

- VIII. **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
- IX. **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
- X. **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
- XI. **Sodium glucose co-transporter inhibitor dapagliflozin attenuates cognitive deficits in streptozotocin induced sporadic Alzheimer's rat model**
Yavuz A. N., Yildiz S., Keles R. M., Çam M. E., Kabasakal L.
31st European College of Neuropsychopharmacology (ECNP) Congress, Barcelona, Spain, 6 - 09 November 2018
- XII. **A PPAR-alpha agonist gemfibrozil ameliorates cognitive and memory impairments in a sporadic Alzheimer'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
- XIII. **Sodium-glucose co-transporter inhibitor dapagliflozin attenuates cognitive deficits in streptozotocin induced sporadic alzheimer'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
- XIV. **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
- XV. **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
- XVI. **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
- XVII. **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
- 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. **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
- XX. **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
- XXI. **Endemik origanum saccatum türünün antispazmodik aktivitesi**

- ELÇİÖĞLU H. K., ÇAM M. E., YAVUZ A. N., BİTİŞ L., TAŞKIN T., KABASAKAL L.
24. Ulusal Farmakoloji Kongresi, Trabzon, Turkey, 17 - 20 October 2017
- XXII. **Anti-spasmodic activity of endemic *Origanum saccatum***
ELÇİÖĞLU H. K., ÇAM M. E., YAVUZ A. N., BİTİŞ L., TAŞKIN T., KABASAKAL L.
24th National Pharmacology Congress, Turkey, 17 - 20 October 2017
- XXIII. **Endemik *Oiganum saccatum* Türünün Antispazmodik Aktivitesi**
ELÇİÖĞLU H. K., ÇAM M. E., YAVUZ A. N., BİTİŞ L., TAŞKIN T., KABASAKAL L.
24. Ulusal Farmakoloji Kongresi, Turkey, 17 - 20 October 2017
- XXIV. **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
- XXV. **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
- XXVI. **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
- XXVII. **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
- XXVIII. **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
- XXIX. **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
- XXX. **Antidepressant like effect of hydro-alcoholic extract of *Nigella sativa* in tail suspension test 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
- XXXI. **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, Seoul, South Korea, 3 - 05 July 2016, no.1
- XXXII. **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
- XXXIII. **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

XXXIV. 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

Aydın A. C., Yavuz A. N., Elçioğlu H. K., Kabasakal L., Özkan Yenal N., TÜBİTAK Project, İntraserebroventriküler Aβ 42

Peptidi Uygulamasıyla Sıçanlarda Oluşturulan Deneysel Alzheimer Hastalığı Modelinde Tetrahidrokannabinol ve

Kannabigerol'ün Tek Başına ve/veya Kombine Olarak Etkilerinin İncelenmesi, 2020 - 2021

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

Metrics

Publication: 52

Citation (WoS): 115

Citation (Scopus): 139

H-Index (WoS): 5

H-Index (Scopus): 5

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

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