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International Researcher IDs

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Publons / Web Of Science ResearcherID: B-9530-2017

ScopusID: 6507059011

Yoksis Researcher ID: 36621

Education Information

Post Doctorate, Universitaet Basel (University of Basel), Medical Faculty, Neuropsychopharmacology, Switzerland 2007 - 2007

Doctorate, Erciyes University, Sağlık Bilimleri Enstitüsü, Tıp Fakültesi Fizyoloji Abd, Turkey 2002 - 2006

Postgraduate, Erciyes University, Sağlık Bilimleri Enstitüsü, Tıp Fakültesi Fizyoloji Abd, Turkey 1999 - 2002

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Eczacılık, Turkey 1995 - 1999

Foreign Languages

Spanish, A1 Beginner

German, B1 Intermediate

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, I. Ulusal Genetik ve Biyoteknoloji Çalıştayı, Kayseri, 2010

Health&Medicine, • Pre-Conference Toxicology Workshop, Malezya, 2009

Health&Medicine, TÜBA IV. Kök Hücre Sempozyumu, Ankara, 2009

Health&Medicine, Farmakoloji Asistanı ve Uzmanlarına Yönelik Farmakovijilans Sempozyumu, Kayseri, 2009

Health&Medicine, • Eczacılık Fakültelerindeki Farmakologlar için Akılcı ilaç Kullanımı Eğitici Eğitimi Kursu, İstanbul, 2009

Health&Medicine, • Klinik Araştırmalarda Etik Yaklaşım Kursu, Kayseri, 2009

Health&Medicine, Eğitim Becerileri Kursu, Kayseri, 2007

Health&Medicine, DNA Hasarı, Onarımı ve Hastalıklarla İlişkisi Kursu, İzmir, 2007

Health&Medicine, • 4th International Postgraduate Educational Course on Chronobiology and Chronomedicine, Kapadokya, 2006

Health&Medicine, 5th Unesco/Costam/SFRR (Malaysia/Asian) Workshop, Malezya, 2003

Health&Medicine, Eurosummer School on Biorheology, Bulgaristan, 2002

Health&Medicine, Free Radical School on Measurement of Free Radicals, İstanbul, 2002

Health&Medicine, • Congress and Workshop of Current Concept in Hematology-Oncology and Experimental

Tumorigenesis, Kayseri, 2001

Health&Medicine, Hematoloji Birinci Basamak Kursu, Izmir, 2000

Health&Medicine, Experimental and Clinical Research Workshop, Kayseri, 2000

Health&Medicine, Alzheimer Hastalığı; Multidisipliner Yaklaşımlar, Temel İlkeler, Klinik Yaklaşımlar Çalıştayı, Ankara, 2000

Health&Medicine, Ege Çalıştayı TUBAS, Ege Üniversitesi, 1999

Dissertations

Doctorate, Sirkadiyen ritme bağlı olarak fizyolojik melatonin seviyesindeki değişikliklerin beyin ve göz dokusunda antioksidan önemi, Erciyes Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıp Fakültesi Fizyoloji Abd, 2006

Postgraduate, Endotoksemi oluşturulmuş sıçanlarda melatoninin antioksidan etkisi ve eritrosit deformabilitesi ile ilgisi, Erciyes Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıp Fakültesi Fizyoloji Abd, 2002

Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Internal Diseases , Endocrinology and Metabolic Diseases, Pharmacology and Therapeutics, Professional Sciences, Pharmacology

Academic Titles / Tasks

Research Assistant, Erciyes University, Tıp Fakültesi, Sağlık Bilimleri Enstitüsü, 2000 - 2005

Academic and Administrative Experience

Erciyes Üniversitesi, İlaç Uygulama Ve Araştırma Merkezi, 2019 - Continues

Erciyes Üniversitesi, Eczacılık Fakültesi, 2019 - Continues

Erciyes Üniversitesi, Eczacılık Fakültesi, 2017 - Continues

Erciyes Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2007 - Continues

Dean, Erciyes University, Eczacılık Fakültesi, 2020 - 2023

Member of the Senate, Erciyes University, 2019 - 2023

Ethics Committee Member, Erciyes University, 2007 - 2023

Faculty Management Board Member, Erciyes University, 2016 - 2020

Erciyes Üniversitesi, İlaç Uygulama Ve Araştırma Merkezi , 2015 - 2019

Erciyes Üniversitesi, Rektörlük-Bap, 2014 - 2016

Erciyes University, 2014 - 2016

Erciyes Üniversitesi, Eczacılık Fakültesi, 2013 - 2016

Erciyes Üniversitesi, Sağlık Bilimleri Enstitüsü, 2013 - 2016

Erciyes University, 2012 - 2016

Erciyes Üniversitesi, Eczacılık Fakültesi, 2008 - 2016

Erciyes University, 2008 - 2016

Erciyes University, 2008 - 2016

Erciyes University, 2007 - 2009

Erciyes Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2007 - 2008

Courses

Fizyoloji, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

Farmakoloji 1, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Farmakoloji 2, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008

Farmakoloji 3, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007

Farmakoloji, Undergraduate, 2012 - 2013

Advising Theses

AYCAN M. B., Türkiye'deki 3. Basamak Sağlık Kuruluşlarında Psikiyatrik Tedavi Yaklaşımları, Doctorate, M.Emin(Student), Continues

Aycan M. B., Vapreotid'in Tau İlişkili Nörodejenerasyona Etkilerinin Araştırılması, Doctorate, E.Öztürk(Student), 2019

Aycan M. B., Ünlü Endirlik B., Vinka alkaloidleri, vinblastin ve vinkristinin, meme kanseri hücrelerinde metformin ile kombine uygulanmasının değerlendirilmesi, Postgraduate, M.Bıçakcıoğlu(Student), 2019

Aycan M. B., Glioblastoma Hücrelerinin Temozolomid ile Tedavisinde Kersetinin Direnç Mekanizmaları Üzerine Etkilerinin İncelenmesi, Doctorate, S.Gülay(Student), 2019

Aycan M. B., T-Resveratrolün Txnip Üzerinden Pankreatik Hücrelerindeki Etkisinin in vitro Olarak İncelenmesi, Postgraduate, M.Cengiz(Student), 2019

AYCAN M. B., DPP4 inhibitörü Vildagliptin ve Saxagliptin'in SHSY-5Y hücrelerinde koruyucu etkilerinin araştırılması, Doctorate, A.Hüseyin(Student), 2018

AYCAN M. B., ?-Chaconine ve ?-Solanine'in Antikanserojen Etkilerinin RL95-2 Hücrelerinde Araştırılması, Doctorate, A.Kübra(Student), 2017

AYCAN M. B., Gingerol ve Shogaol'un Matriks Metalloproteinaz Enzimi 2 ve 9 Üzerindeki İnhibitör Etkisinin A549 Akciğer Kanseri Hücre Hattında Araştırılması, Postgraduate, O.Hoda(Student), 2017

AYCAN M. B., Tedavide kullanılan Güney Afrika Kaynaklı Pelargonium Sidodes DC. Yerine kullanılabilecek bir bitki: Pelargonium Endlicherianum Fenzl., Doctorate, G.Şeker(Student), 2015

AYCAN M. B., 6-Shogaol ve 6-Gingerol' un LPS ile İndüklenmiş Endotoksemide COX-2 Üzerinden Etkileri, Doctorate, B.Odabasi(Student), 2015

AYCAN M. B., MPTP Fare Modelinde Nöral Kök Hücre Transplantasyonu ve Melatonin'in Parkinson Hastalığı Üzerine Etkisi, Postgraduate, E.Orçum(Student), 2015

AYCAN M. B., Potansiyel mPGES-1 İnhibitörlerinin Antikanserojen Etkilerinin A549 Hücrelerinde Araştırılması, Doctorate, E.Demirpolat(Student), 2014

AYCAN M. B., Amiloid beta toksitesi oluşturulmuş SHSY-5Y hücrelerinde gingerol ve shogaolun koruyucu rolü, Postgraduate, M.Kaan(Student), 2013

AYCAN M. B., Zizyphus jujuba'nın farklı ekstraktlarının pankreatik beta hücrelerinde insülin salımı ile ilişkisinin incelenmesi, Postgraduate, S.Gulay(Student), 2013

AYCAN M. B., MCET Metodu ile tirozin kinaz inhibitörü olan flavanoid türevleri üzerinde 4-D QSAR İncelemesi, Doctorate, H.Yilmaz(Student), 2012

Research Infrastructure Information

Aycan M. B., İlaç Uygulama ve Araştırma merkezi, January 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Empagliflozin demonstrates cytotoxicity and synergy with tamoxifen in ER-positive breast cancer cells: anti-proliferative and anti-survival effects.**
Karzoon A., Yerer M. B., Cumaoğlu A.
Naunyn-Schmiedeberg's archives of pharmacology, 2024 (SCI-Expanded)
- II. **Detection of natural compounds by virtual screening, molecular docking and dynamics studies and evaluation of their effects on tau level *in vitro* Alzheimer's model**
UZUNHİSARCIKLİ E., ÇELİK İ., Yerer M. B.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.42, no.1, pp.384-392, 2024 (SCI-Expanded)
- III. **The Wound-Healing Potential of the Endemic Plant *Helianthemum canum* (L.) Baumg: Preclinical Studies Supported with Phytochemical Profiling**
AKKOL E., Kosar M., Baldemir A., ŞEKER KARATOPRAK G., DEMİRPOLAT E., Betül Yerer Aycan M. B., SÜNTAR İ., İLGÜN S.
CHEMISTRY & BIODIVERSITY, vol.20, no.12, 2023 (SCI-Expanded)
- IV. **Cancer and Nutrients**
Tuli H. S., AYCAN M. B., Yadav V.
Cancers, vol.15, no.16, 2023 (SCI-Expanded)
- V. **Risk factors for early onset acute kidney injury after allogeneic haematopoietic stem cell transplantation and the role of drug-drug interactions.**
Günay A., Ünal A., Demirpolat E., Aycan M. B.
European journal of hospital pharmacy : science and practice, 2023 (SCI-Expanded)
- VI. **Novel Strategies for the Bioavailability Augmentation and Efficacy Improvement of Natural Products in Oral Cancer**
Sachdeva A., Dhawan D., Jain G. K., Aycan M. B., Collignon T. E., Tewari D., Bishayee A.
CANCERS, vol.15, no.1, pp.268-280, 2023 (SCI-Expanded)
- VII. **Editorial: Phytochemical-based nanoformulations to tackle drug resistance in cancer**
Tuli H. S., Kaur G., Yerer M. B.
Frontiers in Pharmacology, vol.14, 2023 (SCI-Expanded)
- VIII. **Neuroprotective Effects of Vapreotide on Tau Transfection-Induced Neurodegeneration**
Uzunhisarcıklı E., Aycan M. B.
NEUROTOXICITY RESEARCH, vol.40, no.6, pp.1824-1837, 2022 (SCI-Expanded)
- IX. **A comparison of four drug-drug interaction databases for patients undergoing haematopoietic stem cell transplantation**
Günay A., Demirpolat E., Ünal A., Aycan M. B.
JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.47, no.10, pp.1711-1719, 2022 (SCI-Expanded)
- X. **Xanthorrhizol, a potential anticancer agent, from *Curcuma xanthorrhiza* Roxb**
Simamora A., Timotius K. H., Yerer M. B., Setiawan H., Mun'im A.
Phytomedicine, vol.105, 2022 (SCI-Expanded)
- XI. **Luteolin, a Potent Anticancer Compound: From Chemistry to Cellular Interactions and Synergetic Perspectives**
Tuli H. S., Rath P., Chauhan D. A., Sak K., Aggarwal D., Choudhary R., Sharma U., Vashishth K., Sharma S., Kumar M., et al.
CANCERS, vol.14, no.21, pp.1-30, 2022 (SCI-Expanded)
- XII. **Assessment of clinical, biochemical, and radiological outcomes following intra-articular injection of Wharton jelly-derived mesenchymal stromal cells in patients with knee osteoarthritis: A prospective clinical study**
Günay A. E., Karaman İ., Guney A., Karaman Z. F., Demirpolat E., Gonen Z. B., Dogan S., Yerer M. B.
Medicine (United States), vol.101, no.37, 2022 (SCI-Expanded)
- XIII. **STAT signaling as a target for intervention: from cancer inflammation and angiogenesis to non-coding RNAs modulation**
Tuli H. S., Sak K., Iqubal A., Garg V. K., VAROL M., Sharma U., Chauhan A., AYCAN M. B., Dhama K., Jain M., et al.
MOLECULAR BIOLOGY REPORTS, vol.49, no.9, pp.8987-8999, 2022 (SCI-Expanded)

- XIV. **Editorial: Current Aspects in Chemopreventive Strategies, Volume II**
Tuli H. S., Yerer M. B., Sak K.
Frontiers in Pharmacology, vol.13, 2022 (SCI-Expanded)
- XV. **Role of *Hypericum perforatum* oil and pomegranate seed oil in wound healing: an *in vitro* study.**
Uzunhisarcıklı E., Yerer M. B.
Zeitschrift für Naturforschung. C, Journal of biosciences, vol.77, pp.189-195, 2022 (SCI-Expanded)
- XVI. **Isolation, Characterization and *in Silico* Studies of Secondary Metabolites from *Jurinea macrocephala* DC. with Antiproliferative Activity**
GÜRBÜZ P., DOĞAN Ş. D., GÜNDÜZ M. G., UZUN K., UZUNHİSARCIKLI E., AYCAN M. B.
CHEMISTRY & BIODIVERSITY, vol.19, no.4, 2022 (SCI-Expanded)
- XVII. **The golden spice curcumin in cancer: A perspective on finalized clinical trials during the last 10 years**
Karaboğa Arslan A. K., Uzunhisarcıklı E., Aycan M. B., Bishayee A.
JOURNAL OF CANCER RESEARCH AND THERAPEUTICS, vol.18, no.1, pp.19-26, 2022 (SCI-Expanded)
- XVIII. **Gallic acid: a dietary polyphenol that exhibits anti-neoplastic activities by modulating multiple oncogenic targets.**
Tuli H. S., Mistry H., Kaur G., Aggarwal D., Garg V. K., Mittal S., Yerer M. B., Sak K., Khan M. A.
Anti-cancer agents in medicinal chemistry, vol.22, pp.499-514, 2022 (SCI-Expanded)
- XIX. **Anti-Inflammatory and Anticancer Properties of Birch Bark-Derived Betulin: Recent Developments**
Tuli H. S., Sak K., Gupta D. S., Kaur G., Aggarwal D., Parashar N. C., Choudhary R., Aycan M. B. Y., Kaur J., Kumar M., et al.
PLANTS-BASEL, vol.10, no.12, pp.2663-2686, 2021 (SCI-Expanded)
- XX. **Doxazosin and erlotinib have anticancer effects in the endometrial cancer cell and important roles in ER alpha and Wnt/beta-catenin signaling pathways**
Karaca B., Bakır E., Yerer M. B., Cumaoğlu A., Hamurcu Z., Eken A.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.35, no.11, 2021 (SCI-Expanded)
- XXI. **ANTICANCER EFFECTS OF COUMARIN COMPOUNDS OSTHOLE AND IMPERATORIN, ALONE AND IN COMBINATION WITH 5-FLUOROURACIL IN COLON CARCINOMA CELLS**
Arslan A. K., UZUNHİSARCIKLI E., ÖKÇESİZ A., EKEN A., Yerer M. B.
ACTA POLONIAE PHARMACEUTICA, vol.78, no.2, pp.243-251, 2021 (SCI-Expanded)
- XXII. ***In vitro* biological activity of *Salvia fruticosa* Mill. infusion against amyloid beta-peptide-induced toxicity and inhibition of GSK-3 beta, CK-1 delta, and BACE-1 enzymes relevant to Alzheimer's disease**
GÜRBÜZ P., DOKUMACI A. H., GÜNDÜZ M. G., Perez C., GÖGER F., Paksoy M. Y., Yerer M. B., DEMİREZER L. Ö.
SAUDI PHARMACEUTICAL JOURNAL, vol.29, no.3, pp.236-243, 2021 (SCI-Expanded)
- XXIII. **Natural product-based nanoformulations for cancer therapy: Opportunities and challenges.**
Kashyap D., Tuli H., Yerer M. B., Sharma A., Sak K., Srivastava S., Pandey A., Garg V., Sethi G., Bishayee A.
Seminars in cancer biology, vol.69, pp.5-23, 2021 (SCI-Expanded)
- XXIV. **Editorial: Current Aspects in Chemopreventive Strategies**
Tuli H. S., Yerer M. B., Sak K.
FRONTIERS IN PHARMACOLOGY, vol.11, 2021 (SCI-Expanded)
- XXV. **Recent Advances Regarding the Phytochemical and Therapeutic Uses of *Populus nigra* L. buds**
Kis B., Avram S., Pavel I. Z., Lombrea A., Buda V., Dehelean C. A., Soica C., Yerer M. B., Bojin F., Folescu R., et al.
PLANTS-BASEL, vol.9, no.11, pp.1-17, 2020 (SCI-Expanded)
- XXVI. **Alpha 7 nicotinic receptor agonist and positive allosteric modulators improved social and molecular deficits of MK-801 model of schizophrenia in rats**
Ünal G., Bekci H., Cumaoğlu A., Yerer M. B., Arıcıoğlu F.
PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.193, 2020 (SCI-Expanded)
- XXVII. **Nanoformulations of Coumarins and the Hybrid Molecules of Coumarins with Potential Anticancer Effects**

- Yerer M. B., Dayan S., Han M. İ., Sharma A., Tuli H., Sak K.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.20, no.15, pp.1797-1816, 2020 (SCI-Expanded)
- XXVIII. **Famotidine has a neuroprotective effect on MK-801 induced toxicity via the Akt/GSK-3 β / β -catenin signaling pathway in the SH-SY5Y cell line.**
Unal G., Dokumaci A., Ozkartal C., Yerer M. B., Aricioglu F.
Chemico-biological interactions, vol.314, pp.108823, 2019 (SCI-Expanded)
- XXIX. **Role of Reactive Oxygen Species in Cancer Progression: Molecular Mechanisms and Recent Advancements.**
Aggarwal V., Tuli H., Varol A., Thakral F., Yerer M. B., Sak K., Varol M., Jain A., Khan M., Sethi G.
Biomolecules, vol.9, 2019 (SCI-Expanded)
- XXX. **Fisetin and Quercetin: Promising Flavonoids with Chemopreventive Potential.**
Kashyap D., Garg V., Tuli H., Yerer M. B., Sak K., Sharma A., Kumar M., Aggarwal V., Sandhu S.
Biomolecules, vol.9, 2019 (SCI-Expanded)
- XXXI. **Molecular Mechanisms of Action of Tocotrienols in Cancer: Recent Trends and Advancements**
Aggarwal V., Kashyap D., Sak K., Tuli H. S., Jain A., Chaudhary A., Garg V. K., Sethi G., Yerer M. B.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.20, 2019 (SCI-Expanded)
- XXXII. **Bioactivities of phytochemicals in Callistemon citrinus against multi-resistant foodborne pathogens, alpha glucosidase inhibition and MCF-7 cancer cell line**
Fayemi P. O., Ozturk I., Kaan D., Özcan S., Yerer M. B., Dokumaci A. H., Özcan C., Uwaya G. E., Fayemi O. E., Yetim H.
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.33, pp.764-778, 2019 (SCI-Expanded)
- XXXIII. **Icariin promotes early and late stages of fracture healing in rats**
Gürbüz K., Yerer M. B., Gürbüz P., Halıcı M.
EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.30, pp.282-288, 2019 (SCI-Expanded)
- XXXIV. **The Effects of Aldose Reductase Inhibitor Quercetin and Monochloropivaloylquercetin in Amyloid beta Peptide (1-42) Induced Neuroinflammation in Microglial Cells**
CUMAOĞLU A., Yerer M. B.
NATURAL PRODUCT COMMUNICATIONS, vol.13, no.6, pp.693-698, 2018 (SCI-Expanded)
- XXXV. **alpha-Chaconine and alpha-Solanine Inhibit RL95-2 Endometrium Cancer Cell Proliferation by Reducing Expression of Akt (Ser473) and ER alpha (Ser167)**
Arslan A. K., Yerer M. B.
NUTRIENTS, vol.10, no.6, 2018 (SCI-Expanded)
- XXXVI. **Goji Berry Fruit Extracts Suppress Proliferation of Triple-Negative Breast Cancer Cells by Inhibiting EGFR-Mediated ERK/MAPK and PI3K/Akt Signaling Pathways**
CUMAOĞLU A., BEKCI H., Ozturk E., Yerer M. B., Baldemir A., Bishayee A.
NATURAL PRODUCT COMMUNICATIONS, vol.13, no.6, pp.701-706, 2018 (SCI-Expanded)
- XXXVII. **Potential Anticancer Properties of Osthol: A Comprehensive Mechanistic Review**
SHOKOOHINIA Y., JAFARI F., MOHAMMADI Z., BAZVANDI L., HOSSEINZADEH L., CHOW N., BHATTACHARYYA P., FARZAEI M. H., FAROOQI A. A., NABAVI S. M., et al.
NUTRIENTS, vol.10, no.1, 2018 (SCI-Expanded)
- XXXVIII. **Report on Second International Conference on Natural Products for Cancer Prevention and Therapy Held in Kayseri, Turkey, 8-11 November 2017**
Yerer M. B., Bishayee A.
NUTRIENTS, vol.10, no.1, 2018 (SCI-Expanded)
- XXXIX. **A Critical Appraisal of Different Food Safety and Quality Management Tools to Accomplish Food Safety**
Korada S. K., Yarla N. S., Putta S., Hanumakonda A. S., Lakkappa D. B., Bishayee A., Scotti L., Scotti M. T., Aliev G., Kamal M. A., et al.
FOOD SAFETY AND PRESERVATION: MODERN BIOLOGICAL APPROACHES TO IMPROVING CONSUMER HEALTH, pp.1-12, 2018 (SCI-Expanded)
- XL. **Resveratrol and diabetes: A critical review of clinical studies**

- Öztürk E., Arslan A. K., Yerer M. B., Bishayee A.
BIOMEDICINE & PHARMACOTHERAPY, vol.95, pp.230-234, 2017 (SCI-Expanded)
- XLII. **Chemical composition and biological investigation of Pelargonium endlicherianum root extracts**
Karatoprak G., Goger F., Yerer M. B., Kosar M.
PHARMACEUTICAL BIOLOGY, vol.55, pp.1608-1618, 2017 (SCI-Expanded)
- XLIII. **Revealing the effect of 6-gingerol, 6-shogaol and curcumin on mPGES-1, GSK-3 beta and beta-catenin pathway in A549 cell line**
Eren D., Betül Y.
CHEMICO-BIOLOGICAL INTERACTIONS, vol.258, pp.257-265, 2016 (SCI-Expanded)
- XLIV. **Effects of Salvia virgata Jacq. On Jurkat Clone-E6**
Yerer M. B., Karatoprak G., Demirpolat E., Koşar M.
Indian Journal of Pharmaceutical Education and Research, vol.50, 2016 (SCI-Expanded)
- XLV. **Acute adriamycin-induced cardiotoxicity is exacerbated by angiotension II**
Taskin E., Kindap E. K., Ozdogan K., Aycan M. B., DURSUN N.
CYTOTECHNOLOGY, vol.68, no.1, pp.33-43, 2016 (SCI-Expanded)
- XLVI. **Personalized approaches to natural product consumption for cancer prevention and therapy: future aspects**
Aycan M. B.
ANTI-CANCER DRUGS, vol.26, 2015 (SCI-Expanded)
- XLVII. **GSK-3 beta beta inhibitory activities of various Salvia extracts on SH SY5Y cell lines**
GÜRBÜZ P., Dokumaci A. H., CUMAĞLU B. O., EROĞLU D., Yerer-Aycan M. B.
ANTI-CANCER DRUGS, vol.26, 2015 (SCI-Expanded)
- XLVIII. **Effects of melatonin on the serum levels of pro-inflammatory cytokines and tissue injury after renal ischemia reperfusion in rats**
Oguz E., Yilmaz Z., Ozbilge H., Baba F., Tabur S., Yerer M. B., Hekimoglu A.
RENAL FAILURE, vol.37, no.2, pp.318-322, 2015 (SCI-Expanded)
- XLIX. **Synthesis of new 4-aza-indoles via acyl azides**
Dogan S. D., DEMİRPOLAT E., AYCAN M. B., BALCI M.
TETRAHEDRON, vol.71, no.2, pp.252-258, 2015 (SCI-Expanded)
- L. **Comparison of natural NQO2 inhibitors as a new target for cancer treatment in different cell lines**
Yerer M. B., DEMİRPOLAT E., CUMAĞLU A., Torcuk C., Imamoglu N. N., Kosar M.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.40, no.3, pp.224-233, 2015 (SCI-Expanded)
- L. **Effects of Propolis on Fracture Healing: An Experimental Study**
GÜNEY A., Karaman I., ÖNER M., YERER M. B.
PHYTOTHERAPY RESEARCH, vol.25, no.11, pp.1648-1652, 2011 (SCI-Expanded)
- LI. **Selenium-mediated cardioprotection against adriamycin-induced mitochondrial damage**
DURSUN N., Taskin E., AYCAN M. B., Sahin L.
DRUG AND CHEMICAL TOXICOLOGY, vol.34, no.2, pp.199-207, 2011 (SCI-Expanded)
- LII. **Increased lipid peroxidation and impaired enzymatic antioxidant defense mechanism in thyroid tissue with multinodular goiter and papillary carcinoma**
ERDAMAR H., ÇİMEN B., GULCEMAL H., SARAYMEN R., Yerer B., DEMİRCI H.
CLINICAL BIOCHEMISTRY, vol.43, pp.650-654, 2010 (SCI-Expanded)
- LIII. **Regulation of MT1 and MT2 Receptors in Pineal Gland with Light/Dark Cycle: A Novel Approach**
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BUNUN ÜRETİM YÖNTEMİ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2020/22776 , Standard Registration, 2020

Activities in Scientific Journals

FRONTIERS IN PHARMACOLOGY, Special Issue Editor, 2020 - Continues
Nutrients, Special Issue Editor, 2017 - Continues
Journal of Natural Products for Cancer Prevention and Therapy, Committee Member, 2017 - Continues
Journal of Cellular Biotechnology, Committee Member, 2017 - Continues
Current Pharmacogenetics and Personalized Medicine, Committee Member, 2010 - Continues
Journal of Cancer Treatment and Research, Special Issue Editor, 2015 - 2015

Memberships / Tasks in Scientific Organizations

Türk Farmakoloji Derneği, Member, 2005 - Continues

Tasks In Event Organizations

Aycan M. B., 3rd Natural Products for Cancer Prevention and Therapy, Scientific Congress, Kayseri, Turkey, Aralık 2019
Aycan M. B., 2nd Natural Products for Cancer Prevention and Therapy, Scientific Congress, Kayseri, Turkey, Kasım 2017
Aycan M. B., 1st Natural Products for Cancer Prevention and Therapy, Scientific Congress, İstanbul, Turkey, Eylül 2015

Mobility Activity

Bilateral Colloboration Agreement, Scientific Research, University of Colorado at Denver, United States Of America, 2011 - 2011
Post Doc, Post Doc, Universitaet Basel (University of Basel), Switzerland, 2007 - 2007
Research Scholarship Program, Research During Graduate Education, Balearic Islands University, Spain, 2005 - 2005

Metrics

Publication: 230
Citation (WoS): 1105
Citation (Scopus): 1136
H-Index (WoS): 14
H-Index (Scopus): 16

Congress and Symposium Activities

3rd NPCPT, Invited Speaker, Kayseri, Turkey, 2019
7. Uluslararası Moleküler Tıp Kongresi, Invited Speaker, İstanbul, Turkey, 2019
CRT 2018, Invited Speaker, London, United Kingdom, 2018
International EMUPSS Annual Congress, Invited Speaker, Gazimagusa, Cyprus (Kkctc), 2018
2nd NPCPT, Invited Speaker, Kayseri, Turkey, 2017
Larkin Universitesi, Invited Speaker, Florida, United States Of America, 2017
2nd International Conference on Cancer research and Targeted Therapy, Invited Speaker, Florida, United States Of

America, 2017

1st NPCPT, Invited Speaker, İstanbul, Turkey, 2015

4th World Congress for Cancer Science and Therapy, Invited Speaker, Illinois, United States Of America, 2014

Scholarships

Tubitak-Bas Uluslararası İkili İşbirliği, TUBITAK, 2008 - 2008

Tubitak 2219, TUBITAK, 2007 - 2007

Tübitak Yurt içi Bilimsel Etniklere Katılım Bursu, TUBITAK, 2006 - 2006

Yurt dışı Bilimsel etkinliklere Katılım Bursu, TUBITAK, 2005 - 2005

Tubitak 2214, TUBITAK, 2005 - 2005

SFRR Europe Travel Award, Other International Organizations, 2004 - 2004

UNESCO/SFRR ASIA Travel Award, UNESCO, 2003 - 2003

Awards

Karaman İ., Günay A. E., Aycan M. B., Demirpolat E., Yay A. H., Doğan S., Kafadar İ. H., Geleneksel Gevher Nesibe Teşvik Ödülü Klinik Çalışma 2. Ödülü, Erciyes Üniversitesi Tıp Fakültesi, March 2018

Aycan M. B., International Travel Award, Acea, October 2014

Aycan M. B., Sinir Bilim Kongresi Poster İkincilik Ödülü, 9. Ulusal Sinirbilimleri Kongresi, September 2010

Aycan M. B., International Young Scientist Award, 3Rd Eurosummer School On Biorheology And Syposium On Micro And Nano Mechanics And Mechanobiology Of Cells, Tissues And Systems, September 2009

Aycan M. B., Erciyes Üniversitesi BİLİMSEL YAYIN ONUR ÖDÜLÜ, Erciyes Üniversitesi, November 2007

Aycan M. B., Erciyes Üniversitesi Başarı Teşvik Ödülü, Erciyes Üniversitesi, November 2007

Aycan M. B., GENÇ ARAŞTIRMACI ÖDÜLÜ BİRİNCİLİĞİ, 31. Ulusal Fizyoloji Kongresi, October 2007

Aycan M. B., GENÇ ARAŞTIRMACI ÖDÜLÜ İKİNCİLİĞİ, 29. Ulusal Fizyoloji Kongresi, September 2003

Aycan M. B., International Young Scientist Award, 12Th European Conference On Clinical Hemorheology, June 2003

Non Academic Experience

Erciyes Üniversitesi Eczacılık Fakültesi

Erciyes Üniversitesi Eczacılık Fakültesi

Erciyes Üniversitesi Eczacılık Fakültesi

Erciyes Üniversitesi Sağlık Bilimleri Enstitüsü