

Prof. AHMET CUMAOĞLU

Personal Information

Email: ahmetcumaoglu@erciyes.edu.tr

Web: <https://avesis.erciyes.edu.tr/ahmetcumaoglu/>

Address: Erciyes Üniversitesi Eczacılık Fakültesi 38039 KAYSERİ-TÜRKİYE

International Researcher IDs

ORCID: 0000-0002-3997-7746

Yoksis Researcher ID: 133775

Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Biyokimya (Tıp), Turkey 2007 - 2012

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Biyokimya (Tıp), Turkey 2004 - 2007

Undergraduate, Erciyes University, Fen Edebiyat Fakültesi, Biyoloji, Turkey 2000 - 2004

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Pankreatik beta hücrelerinde (INS-1) 4-hidroksinonenal' in endoplazmik retikulum stres, apoptozis, insulin salıverilmesi ve detoksifikasyon enzimleri üzerine olası etkileri, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Biyokimya Tıp, 2012

Postgraduate, STREPTOZOTOSİN İLE DİYABET OLUŞTURULMUŞ RATLARDA STOBADİNİN KARACİĞER DOKUSU PROTEİN OKSİDASYONUNA ETKİSİNİN ARAŞTIRILMASI, Gazi Üniversitesi, Sağlık Bilimleri Enstitüsü, Biyokimya Tıp, 2007

Research Areas

Health Sciences, Medicine, Fundamental Medical Sciences, Biochemistry

Academic Titles / Tasks

Professor, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2021 - Continues

Associate Professor, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2016 - 2021

Assistant Professor, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2013 - 2016

Assistant Professor, Batman University, Health Academy, Beslenme Ve Diyetetik, 2012 - 2012

Research Assistant, Gazi University, Tıp Fakültesi, Tıbbi Biyokimya, 2005 - 2012

Academic and Administrative Experience

Advising Theses

- CUMAOĞLU A., Akut karaciğer hasarında psoralidin'in inflamazom aktivasyonu üzerine etkisinin endotoksemik farelerde incelenmesi, Postgraduate, Y.ÖRS(Student), 2021
- CUMAOĞLU A., Muğla Bölgesi' nden elde edilen yenilebilir yabancı mantarların biyolojik aktiviteleri, Doctorate, H.BEKÇİ(Student), 2020
- CUMAOĞLU A., Endotoksemik farelerde akut akciğer hasarında psoralidin'in inflamazom aktivasyonu üzerine regülatör etkisi, Postgraduate, M.NUR(Student), 2020
- CUMAOĞLU A., Obez C57BL/6 farelerinde yağ metabolizmasında rol oynayan genlerin nesiller arası aktarımı ve bu genleri düzenleyebilecek miRNA'ların profillenmesi, Doctorate, G.ŞATIR(Student), 2020
- CUMAOĞLU A., Lipopolisakkarit ve interferon gama ile uyarılan inflamasyona karşın liken özütlerinin anti-inflamatuar etkilerinin değerlendirilmesi, Postgraduate, S.SEVİNÇ(Student), 2019
- CUMAOĞLU A., Suda çözünebilir sülfonamidlerin inflamasyon üzerine etkileri, Postgraduate, A.ÖZGE(Student), 2015
- CUMAOĞLU A., Lipit peroksidasyon son ürünü 4-hidroksinonenal'in nöroinflamasyon üzerine etkileri: Kersetin ve monokloropivaloilkersetin'in rolü, Postgraduate, Z.ÖZKUL(Student), 2015

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., Cumaoglu A.
Naunyn-Schmiedeberg's archives of pharmacology, 2024 (SCI-Expanded)
- II. **Activation of epidermal growth factor receptors in triple-negative breast cancer cells by morphine; analysis through Raman spectroscopy and machine learning.**
Sezer G., Sahin F., Onses M. S., Cumaoglu A.
Talanta, vol.272, no.125827, pp.125827, 2024 (SCI-Expanded)
- III. **Momordica charantia Inhibits Prostate Cancer Cell Proliferation by Suppressing Dihydrotestosterone-Induced Caspase-9 Phosphorylation**
Asta C., PASHAYEVA L., İMAMOĞLU ŞİRVANLI N. N., CUMAOĞLU A.
IRANIAN JOURNAL OF SCIENCE, vol.47, no.5-6, pp.1487-1496, 2023 (SCI-Expanded)
- IV. **Hyperbaric Oxygen Therapy, a Possible New Approach in the Treatment of Retinal Damage in Methanol Poisoning in Rats**
BAKTIR M. A., Suna P. A., ALAN A., YAY A. H., ÇETİN A., CUMAOĞLU A.
PAKISTAN VETERINARY JOURNAL, vol.43, no.2, pp.371-375, 2023 (SCI-Expanded)
- V. **Morphine counteracts the effects of paclitaxel in triple-negative breast cancer cells**
Sezer G., Akkuş A., Önal M. G., Cumaoglu A.
INDIAN JOURNAL OF MEDICAL RESEARCH, vol.156, no.1, pp.70-76, 2022 (SCI-Expanded)
- VI. **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., Cumaoglu A., Hamurcu Z., Eken A.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.35, no.11, 2021 (SCI-Expanded)
- VII. **Synthesis, molecular modeling, in vivo study and anticancer activity against prostate cancer of (+) (S)-naproxen derivatives**
Birgöl K., YILDIRIM Y., KARASULU H. Y., KARASULU E., Uba A. I., Yelekçi K., BEKÇİ H., CUMAOĞLU A., KABASAKAL L., Yılmaz Ö., et al.
European Journal of Medicinal Chemistry, vol.208, 2020 (SCI-Expanded)
- VIII. **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., Cumaoglu A., Yerer M. B., Aricioğlu F.

PHARMACOLOGY BIOCHEMISTRY AND BEHAVIOR, vol.193, 2020 (SCI-Expanded)

- IX. **Synthesis, Anticancer Activity on Prostate Cancer Cell Lines and Molecular Modeling Studies of Flurbiprofen-Thioether Derivatives as Potential Target of MetAP (Type II)**
Yilmaz O., Bayer B., Bekci H., Uba A., CUMAOĞLU A., YELEKÇİ K., KÜÇÜKGÜZEL Ş. G.
MEDICINAL CHEMISTRY, vol.16, no.6, pp.735-749, 2020 (SCI-Expanded)
- X. **Synthesis of gold and silver nanoparticles using flavonoid quercetin and their effects on lipopolysaccharide induced inflammatory response in microglial cells**
Ozdal Z. D., ŞAHMETLİOĞLU E., NARİN I., CUMAOĞLU A.
3 BIOTECH, vol.9, no.6, 2019 (SCI-Expanded)
- XI. **Synthesis, molecular modeling, in vivo study, and anticancer activity of 1,2,4-triazole containing hydrazide-hydrazones derived from (S)-naproxen**
HAN M. İ., BEKÇİ H., UBA A. I., YILDIRIM Y., KARASULU E., CUMAOĞLU A., KARASULU H. Y., YELEKÇİ K., YILMAZ Ö., KÜÇÜKGÜZEL Ş. G.
ARCHIV DER PHARMAZIE, vol.352, no.6, 2019 (SCI-Expanded)
- XII. **Bioactivity-Guided Isolation of Anti-Inflammatory Principles from Cistus parviflorus Lam.**
GÜRBÜZ P., DOĞAN Ş. D., CELİK G. N., BEKCI H., CUMAOĞLU A., GÜNDÜZ M. G., Paksoy M. Y.
RECORDS OF NATURAL PRODUCTS, vol.13, no.3, pp.226-235, 2019 (SCI-Expanded)
- XIII. **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)
- XIV. **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)
- XV. **Bioactive Potential of Fungal Polysaccharides in Lipopolysaccharide-Stimulated BV-2 Cells through MAPK Signaling Pathways**
ALTINSOY B., YUVALI ÇELİK G., CUMAOĞLU A., ŞEKER KARATOPRAK G.
Latin American Journal Of Pharmacy, vol.36, pp.346-354, 2017 (SCI-Expanded)
- XVI. **Potential anti-inflammatory effect of water-soluble sulfonamido compounds on lipopolysaccharide-stimulated macrophage-like cellular systems**
AGKAYA A. O., DAYAN S., OZKUL Z., Ozpozan N., CUMAOĞLU A.
MEDICINAL CHEMISTRY RESEARCH, vol.24, no.11, pp.3972-3980, 2015 (SCI-Expanded)
- XVII. **N-coordinate ruthenium(II) complexes bearing 1,3-phenylenediamine and imine bond: promising as anti-cancer agents**
CUMAOĞLU A., Agkaya A. O., Kayaci N., DAYAN S., Ozpozan N.
ANTI-CANCER DRUGS, vol.26, 2015 (SCI-Expanded)
- XVIII. **Synthesis and pro-apoptotic effects of new sulfonamide derivatives via activating p38/ERK phosphorylation in cancer cells**
CUMAOĞLU A., DAYAN S., Agkaya A. O., Özkul Z., Ozpozan N.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.30, no.3, pp.413-419, 2015 (SCI-Expanded)
- XIX. **Comparison of natural NQO2 inhibitors as a new target for cancer treatment in different cell lines**
Yerer M. B., DEMİRPOLAT E., CUMAOĞLU 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)
- XX. **Redox status related activation of endoplasmic reticulum stress and apoptosis caused by 4-hydroxynonenal exposure in INS-1 cells**
CUMAOĞLU A., Aricioğlu A., Karasu C.
TOXICOLOGY MECHANISMS AND METHODS, vol.24, no.5, pp.362-367, 2014 (SCI-Expanded)
- XXI. **Age- and diabetes-induced regulation of oxidative protein modification in rat brain and peripheral**

tissues: Consequences of treatment with antioxidant pyridoindole

Şakul A., CUMAOĞLU A., Aydın E., Arı N., Dilsiz N., Karasu Ç.

EXPERIMENTAL GERONTOLOGY, vol.48, no.5, pp.476-484, 2013 (SCI-Expanded)

- XXII. **Effects of ketamine, propofol, and ketofol on proinflammatory cytokines and markers of oxidative stress in a rat model of endotoxemia-induced acute lung injury**
GOKCINAR D., Ergin V., CUMAOĞLU A., Menevse A., Aricioglu A.
ACTA BIOCHIMICA POLONICA, vol.60, no.3, pp.451-456, 2013 (SCI-Expanded)
- XXIII. **SERUM HOMOCYSTEINE, FOLATE, VITAMIN B12 LEVELS AND OXIDATIVE LIPID AND PROTEIN DAMAGE MARKERS IN DEPRESSIVE PATIENTS. THE EFFECT OF SERTRALINE TREATMENT**
Bekmezci U. G., Aricioglu A., Eren N., CUMAOĞLU A., Yuksel N.
OXIDATION COMMUNICATIONS, vol.36, no.3, pp.676-682, 2013 (SCI-Expanded)
- XXIV. **Investigation of Ocular Neovascularization-Related Genes and Oxidative Stress in Diabetic Rat Eye Tissues After Resveratrol Treatment**
YAR SAĞLAM A. S., Menevse S., DOĞAN İ., Alp E., Ergin V., Cumaoglu A., Aricioglu A., Ekmekci A., Menevse A.
JOURNAL OF MEDICINAL FOOD, vol.15, no.4, pp.391-398, 2012 (SCI-Expanded)
- XXV. **Comparison of melatonin effect on oxidant status and antioksidant capacity in liver and Heart of young and aged rats.**
Güney Ş., CUMAOĞLU A., Öztürk G., Akbulut K. G., Karasu Ç.
INTERNATIONAL JOURNAL OF GERONTOLOGY, vol.26, pp.1-5, 2012 (SCI-Expanded)
- XXVI. **Novel hexahydropyridoindole derivative as prospective agent against oxidative damage in pancreatic β cells**
Rackova L., CUMAOĞLU A., Bağrıaçık E. Ü., Stefek M., Maechler P., Karasu Ç.
MEDICINAL CHEMISTRY, vol.7, pp.711-717, 2011 (SCI-Expanded)
- XXVII. **Investigation of the Correlation Between ADMA Levels and Carotid Artery Intima-Media Thickness in Rheumatoid Arthritis Patients**
KARAOĞLAN B., Ozturk G. T., Ozdogan V., Cumaoglu A., Oktar S., Tas N., Aricioglu A.
TURKIYE FIZIKSEL TIP VE REHABILITASYON DERGISI-TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.57, no.3, pp.114-118, 2011 (SCI-Expanded)
- XXVIII. **Polyphenolic Extracts from *Olea europea* L. Protect Against Cytokine-Induced beta-Cell Damage Through Maintenance of Redox Homeostasis**
Cumaoglu A., Ari N., Kartal M., KARASU Ç.
REJUVENATION RESEARCH, vol.14, no.3, pp.325-334, 2011 (SCI-Expanded)
- XXIX. **Effect of long term, non cholesterol lowering dose of fluvastatin treatment on oxidative stress in brain and peripheral tissues of streptozotocin-diabetic rats**
Cumaoglu A., Ozansoy G., Irat A. M., Aricioglu A., KARASU Ç., Ari N.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.654, no.1, pp.80-85, 2011 (SCI-Expanded)
- XXX. **Oxidant/antioxidant status in premenstrual syndrome**
Duvan C. I., Cumaoglu A., Turhan N. O., KARASU Ç., Kafali H.
ARCHIVES OF GYNECOLOGY AND OBSTETRICS, vol.283, no.2, pp.299-304, 2011 (SCI-Expanded)
- XXXI. **Inhibition of ErbB2 by Herceptin reduces viability and survival, induces apoptosis and oxidative stress in Calu-3 cell line**
DOĞAN İ., Cumaoglu A., Aricioglu A., Ekmekci A.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.347, pp.41-51, 2011 (SCI-Expanded)
- XXXII. **Effects of olive leaf polyphenols against H₂O₂ toxicity in insulin secreting beta-cells**
Cumaoglu A., Rackova L., Stefek M., Kartal M., Maechler P., KARASU Ç.
ACTA BIOCHIMICA POLONICA, vol.58, no.1, pp.45-50, 2011 (SCI-Expanded)
- XXXIII. **Renal Tissue Damage After Experimental Pyelonephritis: Role of Antioxidants and Selective Cyclooxygenase-2 Inhibitors**
Gurocak S., Ure I., Cumaoglu A., Gonul I. I., Sen I., Tan O., Aricioglu A., Bozkirli I.
UROLOGY, vol.76, no.2, 2010 (SCI-Expanded)
- XXXIV. **Glycoxidative and nitrosative stress in kidney of experimental diabetic rats: Effects of the**

pyridoindole antioxidant stobadine

Cumaoglu A., Stefek M., Bauer V., Ari N., Aricioglu A., KARASU Ç.

NEUROENDOCRINOLOGY LETTERS, vol.31, no.3, pp.313-318, 2010 (SCI-Expanded)

- XXXV. **Effects of antioxidant stobadine on protein carbonylation, advanced oxidation protein products and reductive capacity of liver in streptozotocin-diabetic rats: Role of oxidative/nitrosative stress**
Cumaoglu A., Cevik C., Rackova L., Ari N., KARASU Ç.
BIOFACTORS, vol.30, no.3, pp.171-178, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Screening of antimicrobial and antiinflammatory activities of three lichenized fungal extracts collected from Northwest Anatolia (Türkiye)**
Sevinç S., Halıcı M. G., Cumaoğlu A.
JOURNAL OF RESEARCH IN PHARMACY, vol.28, no.4, pp.1166-1173, 2024 (ESCI)
- II. **Hydrogen peroxide-induced oxidative stress and apoptosis in SH-SY5Y cells: Protective effect of Momordica charantia fruit extract**
Deligöz H., Cumaoğlu A.
JOURNAL OF EXPERIMENTAL AND CLINICAL MEDICINE, vol.40, no.3, pp.497-501, 2023 (Scopus)
- III. **NLRP3 INFLAMMASOME ACTIVATION IN MACROPHAGE (RAW 264.7) CELLS BY LIPOPOLISACCARIDE/NIGERICIN: REGULATORY EFFECT OF PSORALIDIN**
Setenci D., Sultan Yıldırım M. N., Cumaoğlu A.
Sağlık Bilimleri Dergisi, vol.32, no.3, pp.346-350, 2023 (Peer-Reviewed Journal)
- IV. **Momordica charantia seed extract inhibits breast cancer cell proliferation and migration by suppressing the activation of non-genomic estrogen receptor signaling kinases and caspase-9 phosphorylation**
Çınar H., Cumaoğlu A.
CURRENT TOPICS IN PHYTOCHEMISTRY, vol.19, pp.25-33, 2023 (Peer-Reviewed Journal)
- V. **An evaluation of the effects on the ovaries of hyperbaric oxygen therapy in a rat model of premature ovarian failure created with cyclophosphamide.**
Çağlı F., Baktr M. A., Dolanbay M., Balcıoğlu E., Cumaoğlu A., Ermiş M., Karaman E., Yalçın B., Aygen E. M.
Turkish journal of obstetrics and gynecology, vol.20, no.1, pp.46-52, 2023 (Scopus)
- VI. **Momordica charantia Seed and Aryl Extracts Potentiate Growth Inhibition and Apoptosis by Dual Blocking of PI3K/AKT and MAPK Pathways as a Downstream Target of EGFR Signaling in Breast Cancer Cells**
Basaran G., Bekci H., Baldemir A., İLGÜN S., CUMAOĞLU A.
CURRENT NUTRITION & FOOD SCIENCE, vol.16, no.5, pp.726-733, 2020 (ESCI)
- VII. **SYNTHESIS AND BIOLOGICAL EVALUATION OF THIENYLTHIAZOLE-ARYL-THIOUREA HYBRIDS AS ANTI-CANCER AGENTS OVER INTRINSIC APOPTOTIC PATHWAYS**
Doğan Ş. D., Ugur S., Karaboğa Arslan A. K., Uzunhisarcıklı E., Cumaoğlu A., Aycan M. B.
Sağlık Bilimleri Dergisi, vol.28, no.2, pp.87-93, 2019 (Peer-Reviewed Journal)
- VIII. **Effect of the Lipid Peroxidation Product 4-Hydroxynonenal on Neuroinflammation in Microglial Cells: Protective Role of Quercetin and Monochloropalivaloylquercetin**
Cumaoğlu A., Ağkaya A. Ö., Özkul Z.
Turkish Journal of Pharmaceutical Sciences, vol.16, no.1, pp.54-61, 2019 (ESCI)
- IX. **Anti-inflammatory Effects of Pelargonium endlicherianum Fenzl. Extracts in Lipopolysaccharide-stimulated Macrophages**
CUMAOĞLU A., Karatoprak G., Yerer M. B., KOŞAR M.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.15, no.1, pp.107-115, 2018 (ESCI)
- X. **Synthesis and characterization of 1,2,4-triazole containing hydrazide-hydrazones derived from (S)-Naproxen as anticancer agents**

Han M. I., Bekci H., CUMAOĞLU A., Kucukguzel S. G.

JOURNAL OF RESEARCH IN PHARMACY, vol.22, no.4, pp.559-569, 2018 (ESCI)

- XI. **Ureter the Guardian Angel of Nephron The Impact of Pelvicalyceal System on Apoptotic Activity in an Experimental Obstructive Uropathy Model**
Gürocak Ö. S., Ergin V., Cumaoğlu A., Üre İ., Işık Gönül İ., Arıcıoğlu A., Bozkrılı I., Adnan M.
Gazi Medical Journal, vol.26, no.1, pp.10-14, 2015 (Scopus)
- XII. **NON CHOLESTEROL LOWERING DOSE OF ATORVASTATIN AMELIORATES DIABETIC VENTRICULAR MYOCYTE DYSFUNCTION IN MICE**
OZANSOY F. G., CEYLAN IŞIK A. F., AKTAN F., CUMAOĞLU A., ARICIOĞLU A., KARASU Ç., ARI N.
International Journal of Pharmacy, vol.5, no.1, pp.23-32, 2015 (Peer-Reviewed Journal)
- XIII. **Aldose reductase inhibitory activity and antioxidant capacity of pomegranate extracts**
KARASU Ç., CUMAOĞLU A., Gürpınar A. R., KARTAL M., Kovacicova L., Milačkova İ., Stefek M.
Interdisciplinary Toxicology, vol.5, no.1, pp.15-20, 2012 (Peer-Reviewed Journal)
- XIV. **MCF 7 Meme Kanseri Hücre Hattında Doksorubisin ve Monensinin Hücre Çoğalması ve Sağ Kalım İle İlişkili Gen İfadelenme Düzeyleri Üzerine Etkisi**
ERGİN V., DOĞAN TURAÇLI İ., CUMAOĞLU A., YAR SAĞLAM A. S., ARICIOĞLU A., EKMEKÇİ A., MENEVŞE E. S., Menevşe A.
Journal of Experimental and Clinical Medicine, vol.28, no.1, pp.59-63, 2011 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Chapter 31 - Cancer preventive role of olives and olive oil via modulation of apoptosis and nuclear factor-kappa B activation**
Aggarwal V., Kumar G., Aggarwal D., Aycan M. B., Cumaoğlu A., Kumar M., Sak K., Mittal S., Singhtuli H., Sethi G.
in: Olives and Olive Oil in Health and Disease Prevention (Second Edition), Victor R. Preedy, Ronald Ross Watson, Editor, Academic Press , London, pp.377-388, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Some Wild Edible Mushroom Anticancer Activity Against Prostate Cell Lines**
BEKCI H., ÇAM M., CUMAOĞLU A.
The 3rd International conference on Natural Products for Cancer Prevention and Therapy, Kayseri, Turkey, 18 - 20 December 2019, vol.40, pp.40
- II. **Possible cytotoxic effects and molecular mechanisms of tamoxifen and quinazoline derivatives doxazosin, erlotinib on endometrial cancer cells**
KARACA B., EKEN A., BAKIR E., AYCAN M. B., CUMAOĞLU A.
10th International Congress of the Turkish Society of Toxicology, 16 - 19 October 2019
- III. **Toxicity of the Antitumoral Drug Ellipticine in Prostate Cancer Cell Lines**
ÖRS Y., ŞATIR BAŞARAN G., DİLEK Ö., ERTÜRK E., CUMAOĞLU A.
7. Uluslararası İlaç Kimyası Kongresi, Antalya, Turkey, 14 - 17 March 2019
- IV. **Evaluation of Carbazole Derivatives as DNA Topoisomerase II α (TOPII α) Inhibitor**
ŞATIR BAŞARAN G., DİLEK Ö., ERTÜRK E., CUMAOĞLU A.
7. Uluslararası ilaç kimyası kongresi, Antalya, Turkey, 14 - 17 March 2019
- V. **Expression Analysis of Apoptotic Genes By The Effect of Modified Carbazole**
YILDIRIM M. N. S., ŞATIR BAŞARAN G., DİLEK Ö., ERTÜRK E., CUMAOĞLU A.
7. Uluslararası İlaç Kimyası Kongresi, Antalya, Turkey, 14 - 17 March 2019
- VI. **Identification of the possible downstream path-ways related to alpha7 nicotinic acetylcholine receptor in MK-801 induced schizophrenia model in rats**
CUMAOĞLU A., ÜNAL G., Bekci H., Yerer M. B., ARICIOĞLU F.

31st Congress of the European-College-of-Neuropsychopharmacology (ECNP), Barcelona, Spain, 6 - 09 October 2018, vol.29

VII. **A comparison of two schizophrenia models induced by MK-801: Possible involvement of phosphodiesterase 4A and glycogen synthase kinase 3 beta**

Yerer M. B., ÜNAL G., Bekci H., CUMAOĞLU A., Aricioglu F.

31st Congress of the European-College-of-Neuropsychopharmacology (ECNP), Barcelona, Spain, 6 - 09 October 2018, vol.29

VIII. **Synthesis, molecular modeling of containing naproxen 1,2,4-triazole moiety hydrazide-hydrazones as anticancer agents**

Han M. I., Bekçi H., Uba A. I., Cumaoğlu A., Yelekçi K., Küçükgülzel Ş. G.

2nd WORLD CONGRESS ON PHARMACEUTICS AND CHEMICAL SCIENCES, Bologna, Italy, 23 - 25 July 2018

IX. **Cistus parviflorus L.' un COX2 ve NOS2 üzerine etkili antiinflamatuvar bileşiklerinin biyoaktivite rehberli izolasyonu**

GÜRBUZ P., DOĞAN Ş. D., ÇELİK G. N., BEKÇİ H., CUMAOĞLU A., PAKSOY M. Y.

Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Antalya, Turkey, 22 - 25 March 2018

X. **Pelargonium endlicherianum Fenzl. Root Extract Suppresses Cell Proliferation of Prostate Cancer Cells**

EREN S., Bekci H., ŞATIR BAŞARAN G., SEKER KARATOPRAK G., CUMA OGLU A.

NPCPT 2017, Kayseri, Turkey, 8 - 11 November 2017, vol.1, no.10, pp.1070

XI. **Cytotoxic Effects of Functional Foods Momordica charantia L. and Lycium barbarum L. Extracts on Prostate Cancer Cells**

ŞATIR BAŞARAN G., Bekci H., BALDEMİR A., İLGÜN S., CUMAOĞLU A.

NPCPT 2017, Kayseri, Turkey, 8 - 11 November 2017, vol.1, no.10, pp.1044

XII. **Goji Berry Fruit Extract Suppresses Cell Proliferation of Breast Cancer Cells by Inhibiting EGFR/ERK Signalling**

Bekci H., ŞATIR BAŞARAN G., BALDEMİR A., CUMA OGLU A.

NPCPT 2017, Kayseri, Turkey, 8 - 11 November 2017, vol.1, no.10, pp.1058

XIII. **Effects of Novel Thio Derivatives on Mitochondrial Function and Real Time Cell Survival on A549 NSCLC cell line**

AYCAN M. B., DOĞAN Ş. D., CUMAOĞLU A., KARABOĞA ARSLAN A. K., ÖZTÜRK E., KELEŞ R.

Mitochondria, apoptosis and cancer, Bled, Slovenia, 16 - 18 September 2017

XIV. **Synthesis, characterization and anticanceractivity of N-coordinate PdII and RuII complexes bearing imine bond and 1,3-phenylenediamine backbone**

CUMAOĞLU A., DAYAN S., Ağkaya A. Ö., Kayacı N., ÖZPOZAN N.

4th Central and Eastern European Committee for Thermal Analysis and Calorimetry, 28 - 31 August 2017

XV. **ANTI-INFLAMMATORY EFFECTS OF ETHANOL EXTRACT FROM LICHENSON LPS-STIMULATED RAW 264.7 CELL**

CUMAOĞLU A., Bekci h., HALICI M. G.

6. International congress of molecular medicine, 22 - 25 May 2017

XVI. **EFFECT OF ALDOSE REDUCTASE INHIBITION ON LPS-INDUCED NEUROINFLAMMATION IN MICROGLIAL CELLS**

CUMAOĞLU A., AYCAN M. B.

6. International congress of molecular medicine, 22 - 25 May 2017

XVII. **Synthesis of gold and silver nanoparticles using flavonoid quercetin and their effects on lipopolisaccaride induced inflammatory response in microglial cells**

özdal d. z., CUMAOĞLU A., ŞAHMETLİOĞLU E., NARİN İ.

NanoNG16, 20 - 22 October 2016

XVIII. **Antiproliffrative Effect of [RuCl(L)(p-cymene)] on DU-145 Prostate Carcinoma Cell Lines**

AGKAYA A. O., CUMAOĞLU A., Kayacı N., DAYAN S., Bekçi H., ÖZPOZAN N.

NanoNG-2016, Antalya, Turkey, 20 - 22 October 2016

- XIX. **EFFECT OF ALDOSE REDUCTASE INHIBITION ON NEUROINFLAMMATION IN MICROGLIAL CELLS**
CUMAOĞLU A., Ağkaya A. Ö.
International Gazi Pharma Symposium Series, 12 - 15 November 2015
- XX. **N coordinate ruthenium II complexes bearing 1 3 phenylenediamine and imine bond promising as anti cancer agents**
CUMAOĞLU A., Ağkaya A. Ö., Kayacı N., DAYAN S., ÖZPOZAN N.
1ST INTERNATIONAL CONFERENCE ON NATURAL PRODUCTS FOR CANCER, 31 August - 02 September 2015
- XXI. **Suda Çözünebilen Sodyum-N-(2-amino-5-benzoilfenil)-R-benzensülfonamido Bileşiklerinin Sentezi ve Raw 267,4 Makrofaj Hücre Sisteminde anti-inflamatuvar Etkisi**
CUMAOĞLU A., Ağkaya A. Ö., DAYAN S., Özkul Z., ÖZPOZAN N.
XIV. Ulusal Spektroskopik Kongresi, Elazığ, Turkey, 29 - 31 May 2015
- XXII. **Antiproliferative effectiveness of coffee extracts and selected compounds in colon cancer cell line**
CUMAOĞLU A., İMAMOĞLU ŞİRVANLI N. N., ATALAY DÜNDAR P., DEMİRPOLAT E., ÇELİK H., KOŞAR M.
International Multidisciplinary Symposium on Drug Research and Development 2013, Antalya, Turkey, 28 - 30 November 2013, pp.45
- XXIII. **Comparison Of Natural Nqo2 Inhibitors As A New Target For Cancer Treatment In Different Cell Lines**
Aycan M. B., Demirpolat E., Cumaoglu A., Aslan C., İmamoğlu Şirvanlı N. N., Koşar M.
2nd International PSE Symposium on Natural Products in Cancer Prevention and Therapy, Naples, Italy, 25 - 28 June 2013, pp.27

Supported Projects

- ERASLAN G., TEKELİ M. Y., KARABACAK M., ŞATIR BAŞARAN G., CUMAOĞLU A., SOYER SARICA Z., Project Supported by Higher Education Institutions, Farelerde Diosmin Uygulamasının Gentamisin Farmakokinetiği Üzerine Etkisi, 2018 - 2023
- CUMAOĞLU A., ŞATIR BAŞARAN G., BAŞARAN K. E., Project Supported by Higher Education Institutions, Obez fare karaciğer dokularında lipogenez ve lipolizisi etkileyen genler ve bu genleri düzenleyebilecek miRNA ların analizi, 2019 - 2022
- ÜNAL G., ZORTUL H., ARICIOĞLU F., AYCAN M. B., CUMAOĞLU A., PASAYEVA L., Project Supported by Higher Education Institutions, Sıçanlarda Kronik MK-801 ile İndüklenmiş Şizofreni Modelinde Nigella Sativa Ekstrelerinin Şizofreninin Pozitif Negatif ve Bilişsel Semptomları Üzerine Etkilerinin İncelenmesi, 2019 - 2021
- Cumaoglu A., Kucukguzel G., TUBITAK Project, Prostat kanseri tedavisi için yeni nesil sentetik ajanların geliştirilmesi, 2016 - 2021
- CUMAOĞLU A., ŞATIR BAŞARAN G., AYCAN M. B., BARAN M., TUBITAK Project, İnflamazom Aktivasyonunda Fosfodiesteraz 4 İnhibisyonu: Kumarin Bileşiği Psoralidinin Regülatör Etkisi, 2019 - 2020
- EKEN A., CUMAOĞLU A., BAKIR E., KARACA B., AYCAN M. B., Project Supported by Higher Education Institutions, "Kinazolin türevi ilaçların endometriyum kanser hücrelerindeki toksisitesinin ve wntbetakatenin sinyal yolağındaki etkilerinin araştırılması", 2018 - 2020
- Şatır Başaran G., Rassoulzadegan M., Cumaoglu A., TUBITAK Project, Obez C57BL/6 farelerinde yağ metabolizmasında rol oynayan genlerin nesiller arası aktarımı ve bu genleri düzenleyebilecek miRNA' ların profillenmesi, 2018 - 2019
- SEZER G., CUMAOĞLU A., Project Supported by Higher Education Institutions, MORFİNİN TRİPLE NEGATİF MEME KANSER HÜCRE HATTINDAKİ ETKİSİ VE EGFR YOLAĞI İLE İLİŞKİSİNİN ARAŞTIRILMASI, 2016 - 2018
- CUMAOĞLU A., AYCAN M. B., KOŞAR M., TUBITAK Project, Pelargonium endlicherianum Fenzl. Bitkisinin İmmünomodülatör Aktivitesinin Moleküler Yöntemlerle Belirlenmesi., 2014 - 2016
- CUMAOĞLU A., AYCAN M. B., DEMİRPOLAT E., RACKOVA L., Project Supported by Higher Education Institutions, Mikroglial hücrelerde Aldoz redüktaz inhibisyonunun inflamasyon üzerine etkileri, 2013 - 2015
- CUMAOĞLU A., TUBITAK Project, Pankreatik hücre disfonksiyonu ve apoptoziste oksidatif stresin rolü: Pridoindol türevi yeni antioksidanların koruyucu etkilerinin araştırılması, 2008 - 2010
- CUMAOĞLU A., TUBITAK Project, Olea europaea yaprağından elde edilen aktif bileşiklerin apoptoz sinyal iletim yolu ve glukozla stimüle edilen insülin saliverilmesi üzerindeki etkilerinin INS-1E pankreas beta hücre dizilerinde etkilerinin

arařtırması, 2006 - 2008

Metrics

Publication: 76

Citation (WoS): 511

Citation (Scopus): 583

H-Index (WoS): 14

H-Index (Scopus): 14