

Prof. ÇİMEN KARASU

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Education Information

Doctorate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmakoloji (Dr) (Eczacılık), Turkey 1987 - 1992

Post Graduate, Ankara University, Sağlık Bilimleri Enstitüsü, Farmakoloji (YI) (Tezli), Turkey 1984 - 1987

Under Graduate, Ankara University, Eczacılık Fakültesi, Turkey 1980 - 1984

Dissertations

Doctorate, Farklı Diabet Tiplerinin Vasküler Reaktivitede Oluşturduğu Değişimler Üzerinde Endotel Hücrelerinin Rolü, Ankara University, Sağlık Bilimleri Enstitüsü, Farmakoloji (Dr) (Eczacılık), 1992

Post Graduate, Alloksan-Diyabetik Sıçanlardaki Kardiyak Değişimler: İnsülin ve Tiroid Hormonlarının Olası Etkileri, Ankara University, Sağlık Bilimleri Enstitüsü, Farmakoloji (YI) (Tezli), 1987

Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2002 - Continues

Associate Professor, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1995 - 2002

Research Assistant, Ankara University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1985 - 1995

Expert, University of London-Queen Mary and Westfield College, William Harvey Research Institute, Basic Medical Sciences, 1993 - 1994

Professional Experience

Head of Department, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2016 - Continues

Head of Department, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2014 - 2015

Head of Department, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2007 - 2015

Advising Theses

KARASU Ç., Gluko-lipotoksisite ile indüklenmiş, amiloid- β -aracılı nörodejenerasyonda endokannabinoid sistemin rolünün değerlendirilmesi, Doctorate, Z.ELMAZOĞLU(Student), 2020

KARASU Ç., Kardiyomiyositlerde ksantin/ksantin oksidaz ile indüklenen strese karşı, fenolik bitkisel bileşiklerin antioksidatif, anti-inflamatuar ve sitoprotektif etkilerinin in vitro yöntemlerle araştırılması, Doctorate, N.ÖZBEK(Student), 2015

KARASU Ç., Research On Antioxidative And Cytoprotective Effects Of Phenolic Antioxidants Against Xhantine/Xhanthine Oxidase-Induced Cellular Stress And Toxicity In Cardiomyocyte Cultures In Vitro, N.Özbek(Student), 2015

KARASU Ç., The effects of SM1EC2 as derivated pyridoindole on vascular reactivity, endothelial functions and markers of glicooxidative stress in diabetic old and young rats, Doctorate, A.ARZU(Student), 2014

KARASU Ç., Obez hastalarda diyet, egzersiz ve antiobezite ilaç uygulamalarının oksidan stres ve antioksidan savunma mekanizmaları üzerindeki etkileri, Doctorate, A.BOLGA(Student), 2009

KARASU Ç., OBEZ HASTALARDA DİYET, EGZERSİZ VE ANTİOBEZİTE İLAÇ UYGULAMALARININ OKSİDAN STRES VE ANTİOKSİDAN SAVUNMA MEKANİZMALARI ÜZERİNDEKİ ETKİLERİ, A.Bolga(Student), 2008

KARASU Ç., Streptozotosin-diyabetik sıçanlarda oksidatif stresle ilişkili metabolik, vasküler ve myokardiyal değişimler üzerinde balık yağı tedavisinin etkileri: farmakolojik, biyokimyasal ve morfolojik değerlendirmeler, Post Graduate, T.HÜNKAR(Student), 2002

KARASU Ç., Streptozotosin-diyabetik sıçanlarda oksidatif stres ve vasküler reaktivite üzerine tek başına ve insülin ile kombine halde uygulanan A vitamini tedavisinin etkileri, Post Graduate, F.ZOBALI(Student), 2000

KARASU Ç., Streptozotosin-diyabetik sıçanlarda alfa-lipoik asidin antioksidan etkisinin kardiyovasküler sistem üzerinde değerlendirilmesi, Post Graduate, N.GAMZE(Student), 1999

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

- I. **Redox-active phytoconstituents ameliorate cell damage and inflammation in rat hippocampal neurons exposed to hyperglycemia+A beta 1-42 peptide**
Elmazoglu Z., Galvan-Arzate S., Aschner M., Rangel-Lopez E., BAYRAKTAR O., Santamaria A., KARASU Ç.
NEUROCHEMISTRY INTERNATIONAL, vol.145, 2021 (Journal Indexed in SCI)
- II. **Protective Effects of Novel Substituted Triazinoindole Inhibitors of Aldose Reductase and Epalrestat in Neuron-like PC12 Cells and BV2 Rodent Microglial Cells Exposed to Toxic Models of Oxidative Stress: Comparison with the Pyridoindole Antioxidant Stobadine**
Elmazoglu Z., Prnova M. S. , Stefek M., Ceylan A. F. , Aschner M., Rangel-Lopez E., Santamaria A., KARASU Ç.
NEUROTOXICITY RESEARCH, 2021 (Journal Indexed in SCI)
- III. **Combatting Nitrosative Stress and Inflammation with Novel Substituted Triazinoindole Inhibitors of Aldose Reductase in PC12 Cells Exposed to 6-Hydroxydopamine Plus High Glucose**
Elmazoglu Z., Prnova M. S. , Santamaria A., Stefek M., KARASU Ç.
NEUROTOXICITY RESEARCH, 2020 (Journal Indexed in SCI)
- IV. **Cannabinoid-profiled agents improve cell survival via reduction of oxidative stress and inflammation, and Nrf2 activation in a toxic model combining hyperglycemia+A beta(1-42) peptide in rat hippocampal neurons**
Elmazoglu Z., Rangel-Lopez E., Noel Medina-Campos O., Pedraza-Chaverri J., Tunez I., Aschner M., Santamaria A., KARASU Ç.
NEUROCHEMISTRY INTERNATIONAL, vol.140, 2020 (Journal Indexed in SCI)
- V. **URB597 Prevents the Short-Term Excitotoxic Cell Damage in Rat Cortical Slices: Role of Cannabinoid 1 Receptors**
Chavira-Ramos K., Orozco-Morales M., KARASU Ç., Tinkov A. A. , Aschner M., Santamaria A., Colin-Gonzalez A. L.
NEUROTOXICITY RESEARCH, 2020 (Journal Indexed in SCI)
- VI. **TRL4, RAGE, and p-JNK/JNK mediated inflammatory aggression in osteoarthritic human chondrocytes are counteracted by redox-sensitive phenolic olive compounds: Comparison with ibuprofen**
Elmazoglu Z., Bek Z. A. , SARIBAŞ G. S. , ozogul C., GÖKER B., Bitik B., AKTEKİN C. N. , KARASU Ç.
JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, 2020 (Journal Indexed in SCI)
- VII. **Antioxidant Mechanisms in the Neuroprotective Action of Cemtiresat: Studies in Chemical Models, Liposomes and Rat Brain Cortical Slices**
Prnova M. S. , Noel Medina-Campos O., Pedraza-Chaverri J., Laura Colin-Gonzalez A., Piedra-Garcia F., Rangel-Lopez E., Kovacicova L., Ceylan A., KARASU Ç., Santamaria A., et al.
NEUROSCIENCE, vol.443, pp.206-217, 2020 (Journal Indexed in SCI)
- VIII. **Comparison of Efficacy and Safety of Two Tea Tree Oil-Based Formulations in Patients with Chronic Blepharitis: A Double-Blinded Randomized Clinical Trial**
Ergun S. B. , SARIBAŞ G. S. , Yarayici S., Elmazoglu Z., Cardak A., Ozogul C., İLHAN M. N. , KARASU Ç., Kemer O. E.
OCULAR IMMUNOLOGY AND INFLAMMATION, vol.28, no.6, pp.888-897, 2020 (Journal Indexed in SCI)

- IX. Thallium Toxicity in *Caenorhabditis elegans*: Involvement of the SKN-1 Pathway and Protection by S-Allylcysteine**
 Hurtado-Diaz M. E. , Estrada-Valencia R., Rangel-Lopez E., Maya-Lopez M., Colonnello A., Galvan-Arzate S., Verstraeten S. V. , KARASU Ç., Tunez I., Aschner M., et al.
 NEUROTOXICITY RESEARCH, vol.38, no.2, pp.287-298, 2020 (Journal Indexed in SCI)
- X. Triglyceride-lowering effect of the aldose reductase inhibitor cemtirestat-another factor that may contribute to attenuation of symptoms of peripheral neuropathy in STZ-diabetic rats**
 Prnova M. S. , Kovacikova L., Svik K., Bezek S., Elmazoglu Z., KARASU Ç., Stefek M.
 NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.393, no.4, pp.651-661, 2020 (Journal Indexed in SCI)
- XI. Luteolin protects microglia against rotenone-induced toxicity in a hormetic manner through targeting oxidative stress response, genes associated with Parkinson's disease and inflammatory pathways**
 Elmazoglu Z., YAR SAĞLAM A. S. , Sonmez C., KARASU Ç.
 DRUG AND CHEMICAL TOXICOLOGY, vol.43, no.1, pp.96-103, 2020 (Journal Indexed in SCI)
- XII. Bacopa Monnieri Protects the Directly Affected Organ as Well as Distant Organs Against I/R Injury by Modulating Anti-Inflammatory and Anti-Nitrosative Pathways in A Rat Model for Infra-Renal Aortic Occlusion**
 Ozlu H., Cakir Gundogdu A., Elmazoglu Z., Take Kaplanoğlu G., Oktar L., Karasu Ç.
 JOURNAL OF INVESTIGATIVE SURGERY, 2020 (Journal Indexed in SCI)
- XIII. 3-Mercapto-5H-1,2,4-Triazino[5,6-b]Indole-5-Acetic Acid (Cemtirestat) Alleviates Symptoms of Peripheral Diabetic Neuropathy in Zucker Diabetic Fatty (ZDF) Rats: A Role of Aldose Reductase**
 Prnova M. S. , Svik K., Bezek S., Kovacikova L., KARASU Ç., Stefek M.
 NEUROCHEMICAL RESEARCH, vol.44, no.5, pp.1056-1064, 2019 (Journal Indexed in SCI)
- XIV. The Pharmacological Inhibition of Fatty Acid Amide Hydrolase Prevents Excitotoxic Damage in the Rat Striatum: Possible Involvement of CB1 Receptors Regulation**
 Aguilera-Portillo G., Rangel-Lopez E., Villeda-Hernandez J., Chavarria A., Castellanos P., Elmazoglu Z., KARASU Ç., Tunez I., Pedraza G., Konigsberg M., et al.
 MOLECULAR NEUROBIOLOGY, vol.56, no.2, pp.844-856, 2019 (Journal Indexed in SCI)
- XV. Luteolin Modulates Glyco-Lipo-Oxidative Protein Modifications and Inhibits Inflammatory Cytokine Release in Human Osteoarthritic Articular Chondrocytes: Comparison with Colchicine**
 GÖKER B., Elmazoglu Z., Bitik B., Aytakin C. N. , KARASU Ç.
 ARTHRITIS & RHEUMATOLOGY, vol.70, 2018 (Journal Indexed in SCI)
- XVI. A pyridoindole antioxidant SMe1EC2 regulates contractility, relaxation ability, cation channel activity, and protein-carbonyl modifications in the aorta of young and old rats with or without diabetes mellitus**
 Sakul A., ARI N., Sotnikova R., Ozansoy G., KARASU Ç.
 GEROSCIENCE, vol.40, no.4, pp.377-392, 2018 (Journal Indexed in SCI)
- XVII. Quercetin and hydroxytyrosol attenuates xanthine/xanthine oxidase-induced toxicity in H9c2 cardiomyocytes by regulation of oxidative stress and stress-sensitive signaling pathways**
 Ozbek N., Bali E. B. , Karasu Ç.
 GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.34, pp.407-414, 2015 (Journal Indexed in SCI)
- XVIII. Olive Leaf Extracts Protect Cardiomyocytes against 4-Hydroxynonenal-Induced Toxicity In Vitro: Comparison with Oleuropein, Hydroxytyrosol, and Quercetin**
 BALÍ E. B. , Ergin V., Rackova L., BAYRAKTAR O., Kucukboyaci N., KARASU Ç.
 PLANTA MEDICA, vol.80, no.12, pp.984-992, 2014 (Journal Indexed in SCI)
- XIX. Redox status related activation of endoplasmic reticulum stress and apoptosis caused by 4-hydroxynonenal exposure in INS-1 cells**
 CUMAĞLU A., Aricioglu A., KARASU Ç.
 TOXICOLOGY MECHANISMS AND METHODS, vol.24, no.5, pp.362-367, 2014 (Journal Indexed in SCI)
- XX. Pomegranate Seed Oil Modulates Functions and Survival of BV-2 Microglial Cells in vitro**

Rackova L., Ergin V., BALÍ E. B. , Kuniakova M., KARASU Ç.
INTERNATIONAL JOURNAL FOR VITAMIN AND NUTRITION RESEARCH, vol.84, pp.295-309, 2014 (Journal Indexed in SCI)

- XXI. **Carbonyl Stress in Aging Process: Role of Vitamins and Phytochemicals as Redox Regulators**
Ergin V., Hariry R. E. , KARASU Ç.
AGING AND DISEASE, vol.4, no.5, pp.276-294, 2013 (Journal Indexed in SCI)
- XXII. **Age- and diabetes-induced regulation of oxidative protein modification in rat brain and peripheral tissues: Consequences of treatment with antioxidant pyridoindole**
Sakul A., Cumaoglu A., Aydin E., Ari N., DİLSİZ N., KARASU Ç.
EXPERIMENTAL GERONTOLOGY, vol.48, no.5, pp.476-484, 2013 (Journal Indexed in SCI)
- XXIII. **Comparison of Melatonin Effect on Oxidant Status and Antioxidant Capacity in Liver and Heart of Young and Aged Rats**
GÜNEY Ş., Cumaoglu A., ÖZTÜRK G., AKBULUT K. G. , KARASU Ç.
INTERNATIONAL JOURNAL OF GERONTOLOGY, vol.7, no.1, pp.45-49, 2013 (Journal Indexed in SCI)
- XXIV. **4,5-dianilinophtalimide protects neuroendocrine cells against serum deprivation-induced stress and apoptosis**
Ergin V., Erdogan M., KARASU Ç., Menevse A.
NEUROENDOCRINOLOGY LETTERS, vol.34, no.5, pp.359-365, 2013 (Journal Indexed in SCI)
- XXV. **Novel Hexahydropyridoindole Derivative as Prospective Agent Against Oxidative Damage in Pancreatic beta Cells**
Rackova L., Cumaoglu A., BAĞRIAÇIK E. Ü. , Stefek M., Maechler P., KARASU Ç.
MEDICINAL CHEMISTRY, vol.7, no.6, pp.711-717, 2011 (Journal Indexed in SCI)
- XXVI. **Eye Lens in Aging and Diabetes: Effect of Quercetin**
Stefek M., KARASU Ç.
REJUVENATION RESEARCH, vol.14, no.5, pp.525-534, 2011 (Journal Indexed in SCI)
- XXVII. **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 (Journal Indexed in SCI)
- XXVIII. **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., İRAT A. M. , Aricioglu A., KARASU Ç., ARI N.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.654, no.1, pp.80-85, 2011 (Journal Indexed in SCI)
- XXIX. **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 (Journal Indexed in SCI)
- XXX. **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 (Journal Indexed in SCI)
- XXXI. **Glycoxidative and nitrosative stress in kidney of experimental diabetic rats: Effects of the prydoindole antioxidant stobadine**
Cumaoglu A., Stefek M., Bauer V., ARI N., Aricioglu A., KARASU Ç.
NEUROENDOCRINOLOGY LETTERS, vol.31, no.3, pp.313-318, 2010 (Journal Indexed in SCI)
- XXXII. **Protein oxidation under extremely low frequency electric field in guinea pigs. Effect of N-acetyl-L-cysteine treatment**
GÜLER ÖZTÜRK G., Turkozer Z., ÖZGÜR BÜYÜKATALAY E., TOMRUK A., Seyhan N., KARASU Ç.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.28, no.1, pp.47-55, 2009 (Journal Indexed in SCI)
- XXXIII. **Metabolism-induced oxidative stress is a mediator of glucose toxicity in HT22 neuronal cells**
Rackova L., Snirc V., Jung T., Stefek M., KARASU Ç., Grune T.
FREE RADICAL RESEARCH, vol.43, no.9, pp.876-886, 2009 (Journal Indexed in SCI)
- XXXIV. **Calpain 10 SNP-44 gene polymorphism affects susceptibility to type 2 diabetes mellitus and diabetic-**

related conditions

Demirci H., YURTCU E., ERGÜN M. A. , Yazici A. C. , KARASU Ç., YETKİN İ.

GENETIC TESTING, vol.12, no.2, pp.305-309, 2008 (Journal Indexed in SCI)

XXXV. **Carboxymethylated pyridoindole antioxidants as aldose reductase inhibitors: Synthesis, activity, partitioning, and molecular modeling**

Stefek M., Snirc V., Djoubissie P., Majekova M., Demopoulos V., Rackova L., Bezakova Z., KARASU Ç., Carbone V., El-Kabbani O.

BIOORGANIC & MEDICINAL CHEMISTRY, vol.16, no.9, pp.4908-4920, 2008 (Journal Indexed in SCI)

XXXVI. **Cod liver oil supplementation improves cardiovascular and metabolic abnormalities in streptozotocin diabetic rats**

Ceylan-Isik A., Hunkar T., Asan E., Kaymaz F., ARI N., SÖYLEMEZOĞLU T., Renda N., SONCUL H., Bali M., KARASU Ç.

JOURNAL OF PHARMACY AND PHARMACOLOGY, vol.59, no.12, pp.1629-1641, 2007 (Journal Indexed in SCI)

XXXVII. **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 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Evaluation of phenolic compounds and protective effects of olive (*Olea europaea* L.) leaf extracts on endothelial cells against hydrogen peroxide-induced toxicity**
TORUL H., Kucukboyaci N., TAMER U., KARASU Ç.
JOURNAL OF RESEARCH IN PHARMACY, vol.24, no.4, pp.497-507, 2020 (Journal Indexed in ESCI)
- II. **Evaluation of colloidal platinum on cytotoxicity, oxidative stress and barrier permeability across the gut epithelium**
Tuncer S., Colakoglu M., ULUSAN S., ERTAŞ G., KARASU Ç., BANERJEE S.
HELIYON, vol.5, no.3, 2019 (Journal Indexed in ESCI)
- III. **The Protective Effect of Stobadine on Lipid Peroxidation and Paraoxonase-1 Enzyme Activity in the Liver Tissues of Streptozotocin- Induced Diabetic Rats**
Nurlu Ayan N., KARASU Ç., KAVUTÇU M.
Medeniyet Medical Journal, 2019 (Refereed Journals of Other Institutions)
- IV. **Oleuropein and rutin protect against 6-OHDA-induced neurotoxicity in PC12 cells through modulation of mitochondrial function and unfolded protein response**
Elmazoglu Z., ERGİN V., ŞAHİN E., KAYHAN H., KARASU Ç.
Interdisciplinary Toxicology, vol.10, no.4, pp.129-141, 2018 (Refereed Journals of Other Institutions)
- V. **Antioxidant SMe1EC2 modulates pentose phosphate pathway and glutathione-dependent enzyme activities in tissues of aged diabetic rats**
ULUSU N. N. , GÖK M., ŞAKUL A. A. , STEFEK M., KARASU Ç.
Interdisciplinary Toxicology, vol.10, no.4, pp.148-154, 2018 (Refereed Journals of Other Institutions)
- VI. **Flaxseed Protects Against Diabetes Induced Glucotoxicity by Modulating Pentose Phosphate Pathway and Glutathione Dependent Enzyme Activities in Rats**
GÖK M., ULUSU N. N. , TARHAN N., CAN T., OZANSOY F. G. , ARI N., KARASU Ç.
Journal of dietary supplements, vol.13, no.3, pp.339-351, 2016 (Refereed Journals of Other Institutions)
- VII. **NON CHOLESTEROL LOWERING DOSE OF ATORVASTATIN AMELIORATES DIABETIC VENTRICULAR MYOCYTE DYSFUNCTION IN MICE**
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International Journal of Pharmacy, vol.5, no.1, pp.23-32, 2015 (Refereed Journals of Other Institutions)
- VIII. **Natural products and the ageing process**
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Books & Book Chapters

- I. **İnsülin analogları ve fizikokimyasal stabilite**
KARASU Ç.
in: Hızlı etkili insülinler ve insülin pompa etkisi, İlhan Yetkin, Editor, Cinius yayınları, pp.64-71, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Redox Based Nutrition for Sustainable Health**
KARASU Ç.
5th International Eurasian Congress on 'Natural Nutrition, Healthy Life Sport, 2 - 06 October 2019
- II. **Therapeutic Potential of Olive Leaf Polyphenols (ZeyEX®) in Human Osteoarthritic Chondrocytes In Vitro.**
Elmazoglu Z., BİTİK B., AKTEKİN C. N. , GÖKER B., KARASU Ç.
The Fifth International Mediterranean Symposium on Medicinal and Aromatic Plants, 24 - 26 April 2019
- III. **Control of Osteoarthritis Pathogenesis by Redox Active Compounds. The 5th International Symposium on Pharmaceutical and Biomedical Sciences.**
KARASU Ç.
The Fifth International Symposium on Pharmaceutical and Biomedical Sciences., 26 - 28 April 2019
- IV. **NutriREDOX: Redox Active PhytoNutrients for the Prevention of Diabetic Complications.**
KARASU Ç.
GETAT-2019, 24 - 28 April 2019
- V. **Neuroprotective Effects of Active Phytoconstituents Against A β 1-42-Mediated Injury in High Glucose-Induced Primary Hippocampal Neurotoxicity: In Vitro Hyperglycemic Alzheimer's Disease Model.**
KARASU Ç., SANTAMARIA A., RangelLopez E., Elmazoglu Z.
The Fifth International Mediterranean Symposium on Medicinal and Aromatic Plants, 26 - 28 April 2019
- VI. **Novel Carboxymethylated Mercaptotriazinoindole Derivatives as Potential inhibitors of Aldo-Keto Reductase (AKR1B1) Ameliorate Hyperglycemia Mediated and 6-OHDA-induced Neurotoxicity in PC12 Cells: In Vitro Hyperglycemic Parkinson's Disease Model.**
Elmazoglu Z., KOVACIKOVA L., STEFEK M., KARASU Ç.
The Fifth International Symposium on Pharmaceutical and Biomedical Sciences., 26 - 28 April 2019
- VII. **Effects of cemtirestat on GSH/GSSG, caspase-3 and protein carbonyl of liver and lung in a rat model of diabetes induced by high fructose diet and streptozotocin: a comparative study with stobadine and epalrestat.**
CEYLAN İŞİK A. F. , KARASU Ç., Elmazoglu Z., STEFEK M.
TOXCON2019, Slovakia, 27 - 29 June 2019, vol.12
- VIII. **Aldose reductase inhibitors in the prevention of diabetic neuro-degenerative diseases: studies in cell culture models of Alzheimer's disease and Parkinson's disease under hyperglycemic conditions.**
Elmazoglu Z., CEYLAN İŞİK A. F. , KOVACIKOVA L., STEFEK M., SOLTESOVA PRNOVA M., KARASU Ç.
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- IX. **S-ALLYL-L-CYSTEINE ATTENUATES INFLAMMATION RELATED OXIDATIVE STRESS PARAMETERS AND INCREASES ADHESION CAPACITY OF PRIMARY HUMAN OSTEOARTHRITIC ARTICULAR CHONDROCYTES**
Elmazoglu Z., Bek Z. A. , GÖKER B., Bitik B., AKTEKİN C. N. , Tezcan M. E. , KARASU Ç.
Annual European Congress of Rheumatology (EULAR), Madrid, Spain, 12 - 15 June 2019, vol.78, pp.1514-1515
- X. **Luteolin Modulates Glyco-Lipo-Oxidative Protein Modifications and Inhibits Inflammatory Cytokine Release in Human Osteoarthritic Articular Chondrocytes: Comparison with Colchicine**
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- XI. **Novel Aldose Reductase Inhibitors Based on Carboxymethylated Mercapto-Triazino-Indole Scaffold: Drug Design and Biological Activity**
KARASU Ç., STEFEK M., BEZEK S., KOVACIKOVA L., MAJEKOVA M., SOLTESOVA M., SIVIK K.
1st INTERNATIONAL BALKAN CHEMISTRY CONGRESS, 17 - 20 September 2018
- XII. **Cemtirestat attenuated neurological disorders in rat models of type I and type II diabetes: a behavioral study**
SOLTESOVA M., KOVACIKOVA L., BEZEK S., SIVIK K., KARASU Ç., STEFEK M.
8th International Congress of Pathophysiology, ICP-2018, 5 - 08 September 2018
- XIII. **Diyabезiteye multidisipliner yaklaşım**
KARASU Ç.
Obeziteye multidisipliner yaklaşım, Turkey, 23 - 24 October 2017
- XIV. **Blefarite karşı geliştirilmiş kozmetik temizleme jellerinde etkinlik ve güvenilirlik değerlendirmeleri için klinik araştırmalar**
KARASU Ç., Ergün Ş. B. , Sarıbaş S., Sait Y., Elmazoğlu Z., ÖZOĞUL C., Kemer Ö. E.
Uluslararası Katılımlı 1. Kozmetik Kongresi, Turkey, 26 - 28 October 2017
- XV. **Kronik Blefaritli hastalarda Blefar-Ex Plus jelinin etkinlik ve güvenilirliğinin değerlendirilmesi**
Ergun Ş. B. , SARIBAŞ G. S. , Yarayıcı S., Elmazoğlu Z., Çardak A., ÖZOĞUL C., KARASU Ç., Kemer Ö. E.
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- XVI. **Amiloid Beta Peptid 1-42 İle Oluşturulan Deneysel Alzheimer Modelinde PSD-95 İnhibitörünün Nöronal Koruma, Öğrenme Ve Hafıza Fonksiyonları Üzerine Etkisi**
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