

Assoc. Prof. İPEK BAYSAL

Personal Information

Email: ipekbaysal@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/ipekbaysal>

International Researcher IDs

ORCID: 0000-0002-9607-4199

Publons / Web Of Science ResearcherID: I-8429-2013

Yoksis Researcher ID: 14147

Education Information

Doctorate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Biyokimya, Turkey 2009 - 2015

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp Anabilim Dalı, Turkey 2009 - 2012

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2004 - 2008

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Alzheimer hastalığı tedavisinde kullanılmak üzere donepezil yüklü PLGA-b-PEG nanopartiküllerinin

hazırlanması ve beyne hedeflendirilmesi, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr), 2015

Postgraduate, Selektif MAO-B inhibitörü selejilin yüklü PLGA-b-PEG nanopartiküllerin hazırlanması ve beta-amiloid

fibrillerle etkileşiminin incelenmesi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp (YI) (Tezli),

2012

Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Biochemistry

Academic Titles / Tasks

Assistant Professor, Hacettepe University, Sağlık Hizmetleri Meslek Yüksekokulu, Pharmacy Services, 2020 - Continues

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2010 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Nintedanib and miR-29b co-loaded lipoplexes in idiopathic pulmonary fibrosis: formulation, characterization, and *in vitro* evaluation**

Duraloglu C., BAYSAL İ., YABANOĞLU ÇİFTÇİ S., ARICA YEGİN B.

DRUG DEVELOPMENT AND INDUSTRIAL PHARMACY, no.7, pp.671-686, 2024 (SCI-Expanded)

- II. **Untargeted metabolomics to discriminate liver and lung hydatid cysts: Importance of metabolites involved in the immune response**
NENNİ M., ÇELEBİER M., Maçın S., ÖRSTEN S., YABANOĞLU ÇİFTÇİ S., BAYSAL İ.
Veterinary Parasitology, vol.328, 2024 (SCI-Expanded)
- III. **Assessing the Potential Apoptotic Effects of Different Hydatid Cyst Fluids on Human Healthy Hepatocytes and Hepatocellular Carcinoma Cells**
BAYSAL İ., ÖRSTEN S., Cengiz G., ÜNAL E., DOĞRUL A. B., Çiftçi T., Çiftçi S. Y., AKINCI D., Akhan O.
Acta Parasitologica, vol.69, no.1, pp.700-709, 2024 (SCI-Expanded)
- IV. **Recent progress in drug delivery systems for tyrosine kinase inhibitors in the treatment of lung cancer**
Korucu Aktas P., BAYSAL İ., YABANOĞLU ÇİFTÇİ S., Lamprecht A., Arica B.
International Journal of Pharmaceutics, vol.650, 2024 (SCI-Expanded)
- V. **Omic Studies on In Vitro Cystinosis Model: siRNA-Mediated CTNS Gene Silencing in HK-2 Cells**
Baysal İ., YABANOĞLU ÇİFTÇİ S., NEMUTLU E., EYLEM C. C., Gök-Topak E. D., ULUBAYRAM K., KIR S., GÜLHAN B., UÇAR G., ÖZALTIN F., et al.
Laboratory investigation; a journal of technical methods and pathology, vol.104, no.1, pp.100287, 2024 (SCI-Expanded)
- VI. **Development and In Vitro Evaluation of Crizotinib-Loaded Lipid-Polymer Hybrid Nanoparticles Using Box-Behnken Design in Non-small Cell Lung Cancer**
Korucu Aktas P., BAYSAL İ., YABANOĞLU ÇİFTÇİ S., Arica B.
AAPS PharmSciTech, vol.24, no.7, 2023 (SCI-Expanded)
- VII. **Metabolomic, oxidative, and inflammatory responses to acute exercise in chronic obstructive pulmonary disease**
ÇAKMAK A., NEMUTLU E., YABANOĞLU ÇİFTÇİ S., BAYSAL İ., Kocaaga E., Coplu L., İNAL İNCE D.
Heart and Lung, vol.59, pp.52-60, 2023 (SCI-Expanded)
- VIII. **Metabolomic Analyses to Identify Candidate Biomarkers of Cystinosis**
NEMUTLU E., ÖZALTIN F., YABANOĞLU ÇİFTÇİ S., GÜLHAN B., Eylem C. C., BAYSAL İ., Gök-Topak E. D., ULUBAYRAM K., SEZERMAN O. U., UÇAR G., et al.
International Journal of Molecular Sciences, vol.24, no.3, 2023 (SCI-Expanded)
- IX. **Donepezil-loaded PLGA-b-PEG Nanoparticles Enhance the Learning and Memory Function of Beta-Amyloid Rat Model of Alzheimer's Disease**
Donepezil Yüklü PLGA-b-PEG Nanopartiküller Beta-Amiloid Alzheimer Hastalığı Sıçan Modelinde Öğrenme ve Hafızayı Geliştirir
ÇINAR E., Mutluay S. U., BAYSAL İ., Gültekinoglu M., ULUBAYRAM K., Çiftçi S. Y., TEL B. C., UÇAR G.
Noropsikiyatri Arsivi, vol.59, no.4, pp.281-289, 2022 (SCI-Expanded)
- X. **Separation of the enantiomers of underivatized amino acids by using serially connected dual column high-performance liquid chromatography-tandem mass spectrometry**
Oztepe T., Kale N. B., REÇBER T., BAYSAL İ., YABANOĞLU ÇİFTÇİ S., GÜMÜŞTAŞ M., KIR S., Chankvetadze B., NEMUTLU E.
JOURNAL OF CHROMATOGRAPHY A, vol.1683, 2022 (SCI-Expanded)
- XI. **CANDIDATE BIOMARKER(S) FOR CYSTINOSIS WITH OMIC-BASED TECHNOLOGY: FROM LABORATORY TO BED-SIDE**
NEMUTLU E., Eylem C. C., GÜLHAN B., BAYSAL İ., Yabanoglu-Ciftci S., KIR S., ULUBAYRAM K., UÇAR G., SEZERMAN O. U., ÖZALTIN F., et al.
PEDIATRIC NEPHROLOGY, vol.37, no.11, pp.2831, 2022 (SCI-Expanded)
- XII. **MITOCHONDRIA-TARGETED COQ10 FORMULATION FOR THE TREATMENT OF COQ10 NEPHROPATHIES**
Ozbay H. S., Ciftci S. Y., BAYSAL İ., GÜLTEKİNOĞLU BAYRAM M., Eylem C. C., ULUBAYRAM K., NEMUTLU E., TOPALOĞLU R., ÖZALTIN F.
PEDIATRIC NEPHROLOGY, vol.37, no.11, pp.2830-2831, 2022 (SCI-Expanded)
- XIII. **Evaluation of the Effects of Transforming Growth Factor-Beta 3 (TGF-beta 3) Loaded Nanoparticles**

on Healing in a Rat Achilles Tendon Injury Model

ÇETİK R. M., Ciftci S. Y., ARICA YEGİN B., BAYSAL İ., Dizakar S. O. A., Elibol F. K. E., Gencer A., Demir T., AYVAZ M. AMERICAN JOURNAL OF SPORTS MEDICINE, vol.50, no.4, pp.1066-1077, 2022 (SCI-Expanded)

- XIV. **Trimethoxy Crown Chalcones as Multifunctional Class of Monoamine Oxidase Enzyme Inhibitors**
Maliyakkal N., BAYSAL İ., Tengli A., UÇAR G., Almoyad M. A. A., Parambi D. G. T., Gambacorta N., Nicolotti O., Beeran A. A., Mathew B.
COMBINATORIAL CHEMISTRY & HIGH THROUGHPUT SCREENING, vol.25, no.8, pp.1314-1326, 2022 (SCI-Expanded)
- XV. **Can parasite-derived microRNAs differentiate active and inactive cystic echinococcosis patients?**
ÖRSTEN S., BAYSAL İ., YABANOĞLU ÇİFTÇİ S., Ciftci T., ÜNAL E., AKINCI D., AKYÖN YILMAZ Y., AKHAN O.
PARASITOLOGY RESEARCH, vol.121, no.1, pp.191-196, 2022 (SCI-Expanded)
- XVI. **Efficacy of siRNA-loaded nanoparticles in the treatment of K-RAS mutant lung cancer in vitro**
Gencer A., BAYSAL İ., NEMUTLU E., YABANOĞLU ÇİFTÇİ S., ARICA YEGİN B.
JOURNAL OF MICROENCAPSULATION, vol.39, no.3, pp.261-275, 2022 (SCI-Expanded)
- XVII. **Inflammatory responses to incremental exercise in chronic obstructive pulmonary disease**
ÇAKMAK A., Inal-Ince D., Kocaaga E., BAYSAL İ., Yabanoglu-Ciftci S., NEMUTLU E., ÇÖPLÜ L.
EUROPEAN RESPIRATORY JOURNAL, vol.58, 2021 (SCI-Expanded)
- XVIII. **Metabolomic profiling of active and inactive liver cystic echinococcosis**
ÇİFTÇİ T. T., YABANOĞLU ÇİFTÇİ S., ÜNAL E., AKINCI D., BAYSAL İ., Yuce G., DOĞRUL A. B., ÖRSTEN S., AKHAN O., NEMUTLU E.
ACTA TROPICA, vol.221, 2021 (SCI-Expanded)
- XIX. **Nanoparticles and Nanostructured Films with TGF-beta 3: Preparation, Characterization, and Efficacy**
BAYSAL İ., Ozcelikay G., YABANOĞLU ÇİFTÇİ S., Ucar B. I., Gencer A., ARICA YEGİN B.
AAPS PHARMSCITECH, vol.22, no.6, 2021 (SCI-Expanded)
- XX. **Identification of Phenolic Compounds by LC-MS/MS and Evaluation of Bioactive Properties of Two Edible Halophytes: Limonium effusum and L. sinuatum**
BAYSAL İ., EKİZOĞLU M., ERTAŞ A., Temiz B., AĞALAR H. G., YABANOĞLU ÇİFTÇİ S., TEMEL H., UÇAR G., Turkmenoglu F. P.
MOLECULES, vol.26, no.13, 2021 (SCI-Expanded)
- XXI. **Evaluation of the Effect of Hydatid Cyst Fluid on the Apoptosis Pathway in BEAS-2B and A549 Cell Lines**
BAYSAL İ., ÖRSTEN S.
MIKROBİYOLOJİ BULTENİ, vol.55, no.2, pp.248-255, 2021 (SCI-Expanded)
- XXII. **Gas chromatography-mass spectrometry based O-18 stable isotope labeling of Krebs cycle intermediates**
Eylem C. C., BAYSAL İ., Erikci A., YABANOĞLU ÇİFTÇİ S., Zhang S., KIR S., Terzic A., Dzeja P., NEMUTLU E.
ANALYTICA CHIMICA ACTA, vol.1154, 2021 (SCI-Expanded)
- XXIII. **Transforming growth factor-beta 3 (TGF-beta 3) loaded PLGA-b-PEG nanoparticles: Efficacy in preventing cardiac fibrosis induced by TGF-beta 1**
Yabanoglu-Ciftci S., BAYSAL İ., ERİKÇİ A., Arica B., UÇAR G.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.48, pp.223-234, 2018 (SCI-Expanded)
- XXIV. **Development of Nanosized, Pramipexole-Encapsulated Liposomes and Niosomes for the Treatment of Parkinson's Disease**
Gunay M., ÖZER A. Y., ERDOĞAN S., BODARD S., BAYSAL İ., GULHAN Z., GUILLOTEAU D., CHALON S.
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.17, no.8, pp.5155-5167, 2017 (SCI-Expanded)
- XXV. **Donepezil loaded PLGA-b-PEG nanoparticles: their ability to induce destabilization of amyloid fibrils and to cross blood brain barrier in vitro**
BAYSAL İ., UÇAR G., GULTEKINOĞLU M., ULUBAYRAM K., Yabanoglu-Ciftci S.
JOURNAL OF NEURAL TRANSMISSION, vol.124, no.1, pp.33-45, 2017 (SCI-Expanded)
- XXVI. **Exploration of chlorinated thienyl chalcones: A new class of monoamine oxidase-B inhibitors**

- Mathew B., Haridas A., UÇAR G., BAYSAL İ., Adeniyi A. A., Soliman M. E. S., Joy M., Mathew G. E., Lakshmanan B., Jayaprakash V.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.91, pp.680-695, 2016 (SCI-Expanded)
- XXVII. **Identification of Indole-Based Chalcones: Discovery of a Potent, Selective, and Reversible Class of MAO-B Inhibitors**
Sasidharan R., Manju S. L., UÇAR G., BAYSAL İ., Mathew B.
ARCHIV DER PHARMAZIE, vol.349, no.8, pp.627-637, 2016 (SCI-Expanded)
- XXVIII. **Potent and Selective Monoamine Oxidase-B Inhibitory Activity: Fluoro- vs. Trifluoromethyl-4-hydroxylated Chalcone Derivatives.**
Mathew B., Mathew G. E., Ucar G., BAYSAL İ., Suresh J., Mathew S., Haridas A., Jayaprakash V.
Chemistry & biodiversity, vol.13, no.8, pp.1046-52, 2016 (SCI-Expanded)
- XXIX. **Synthesis, Biochemistry, and Computational Studies of Brominated Thienyl Chalcones: A New Class of Reversible MAO-B Inhibitors**
Mathew B., Haridas A., UÇAR G., BAYSAL İ., Joy M., Mathew G. E., Lakshmanan B., Jayaprakash V.
CHEMMEDCHEM, vol.11, no.11, pp.1161-1171, 2016 (SCI-Expanded)
- XXX. **Monoamine Oxidase Inhibitory Activity of Ferulic Acid Amides: Curcumin-Based Design and Synthesis**
Badavath V. N., BAYSAL İ., UÇAR G., Mondal S. K., Sinha B. N., Jayaprakash V.
ARCHIV DER PHARMAZIE, vol.349, no.1, pp.9-19, 2016 (SCI-Expanded)
- XXXI. **Monoamine Oxidase Inhibitory Activity of Novel Pyrazoline Analogues: Curcumin Based Design and Synthesis**
Badavath V. N., BAYSAL İ., UÇAR G., Sinha B. N., Jayaprakash V.
ACS MEDICINAL CHEMISTRY LETTERS, vol.7, no.1, pp.56-61, 2016 (SCI-Expanded)
- XXXII. **Development of fluorinated methoxylated chalcones as selective monoamine oxidase-B inhibitors: Synthesis, biochemistry and molecular docking studies**
Mathew B., Mathew G. E., UÇAR G., BAYSAL İ., Suresh J., Vilapurathu J. K., Prakasan A., Suresh J. K., Thomas A.
BIOORGANIC CHEMISTRY, vol.62, pp.22-29, 2015 (SCI-Expanded)
- XXXIII. **Synthesis and Screening of Human Monoamine Oxidase-A Inhibitor Effect of New 2-Pyrazoline and Hydrazone Derivatives**
EVRANOS-AKSOZ B., BAYSAL İ., Yabanoglu-Ciftci S., Djikic T., Yelekci K., UÇAR G., Ertan R.
ARCHIV DER PHARMAZIE, vol.348, no.10, pp.743-756, 2015 (SCI-Expanded)
- XXXIV. **Flavonoids from Sideritis Species: Human Monoamine Oxidase (hMAO) Inhibitory Activities, Molecular Docking Studies and Crystal Structure of Xanthomicrol**
Turkmenoglu F. P., BAYSAL İ., Ciftci-Yabanoglu S., Yelekci K., Temel H., Pasa S., Ezer N., Calis I., UÇAR G.
MOLECULES, vol.20, no.5, pp.7454-7473, 2015 (SCI-Expanded)
- XXXV. **Development of Fluorinated Thienylchalcones as Monoamine Oxidase-B Inhibitors: Design, Synthesis, Biological Evaluation and Molecular Docking Studies**
Mathew B., UÇAR G., Yabanoglu-Ciftci S., BAYSAL İ., Suresh J., Mathew G. E., Vilapurathu J. K., Nadeena A. M., Nabeela P., Lakshmi V., et al.
LETTERS IN ORGANIC CHEMISTRY, vol.12, no.9, pp.605-613, 2015 (SCI-Expanded)
- XXXVI. **Interaction of selegiline-loaded PLGA-b-PEG nanoparticles with beta-amyloid fibrils**
BAYSAL İ., Yabanoglu-Ciftci S., Tunc-Sarisozen Y., ULUBAYRAM K., UÇAR G.
JOURNAL OF NEURAL TRANSMISSION, vol.120, no.6, pp.903-910, 2013 (SCI-Expanded)
- XXXVII. **Role of Endothelial AADC in Cardiac Synthesis of Serotonin and Nitrates Accumulation**
Rouzaud-Laborde C., Hanoun N., Baysal İ., Rech J., Mias C., Calise D., Sicard P., Frugier C., Seguelas M., Parini A., et al.
PLOS ONE, vol.7, no.7, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Parasite-Derived MicroRNAs: Potential Alternative Targets for Laboratory Diagnosis of Cystic**

Echinococcosis

Örsten S., Baysal İ., MAÇIN S.

FABAD Journal of Pharmaceutical Sciences, vol.48, no.2, pp.295-302, 2023 (Scopus)

- II. **Kistik Ekinokokkoz için Potansiyel Enflamatuvar Belirteçlerin Değerlendirilmesi: P-selektin ve Resistin Evaluation of Potential Inflammatory Markers for Cystic Echinococcosis: P-selectin and Resistin**

ÖRSTEN S., BAYSAL İ., ÇİFTÇİ T., ÜNAL E., YABANOĞLU ÇİFTÇİ S., DOĞRUL A. B., AKINCI D., Akyön Y., Akhan O.
Türkiye parazitolojii dergisi, vol.46, no.3, pp.195-200, 2022 (Scopus)

- III. **Caco-2 Hücre Hattı In Vitro Epitelyal Mezenkimal Geçiş Modelinde Glutasyon S-Transferaz- π Düzeyleri**

TÜRK S., BAYSAL İ., UÇAR G.

Hacettepe Üniversitesi Eczacılık Fakültesi Dergisi, vol.39, no.1, pp.10-16, 2019 (Peer-Reviewed Journal)

- IV. **Glutathione S-transferase- π levels of in vitro generated epithelial mesenchymal transition model in caco-2 cell line Caco-2 hücre hattı in vitro epitelyal mezenkimal geçiş modelinde glutasyon s-transferaz- π düzeyleri**

TÜRK S., BAYSAL İ., UÇAR G.

Hacettepe University Journal of the Faculty of Pharmacy, vol.39, no.1, pp.10-16, 2019 (Scopus)

- V. **Acetylcholinesterase inhibitory activities and LC-MS analysis of the antioxidant Ferula caspica M. Bieb. and F. halophila Pesmen extracts**

KAHRAMAN Ç., BAYSAL İ., ÇANKAYA İ. İ., GÖGER F., Kırimer N., AKDEMİR Z. Ş.

JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.3, pp.543-551, 2019 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Kistik Ekinokokkoz Tanısında Parazite Ait Proteinlerin Biyobelirteç Potansiyellerinin Değerlendirilmesi**

ÖRSTEN S., BAYSAL İ., AKHAN O.

KLİMİK 2021-XXI. Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, Antalya, Turkey, 26 - 30 May 2021

- II. **The Behavioral Changes Of Donepezil-Loaded PLGA-B-Peg Nanoparticles On Beta-Amyloid 25-35 Injected Rat Model Of Alzheimer's Disease.**

ÇINAR E., TEL B. C., BAYSAL İ., GÜLTEKİNOĞLU M., ULUBAYRAM K., YABANOĞLU ÇİFTÇİ S., UÇAR G.

International Multidisciplinary Symposium on Drug Research Development (DRD 2019), 1 - 03 July 2019

- III. **TGF- β 3 Loaded PLGA-b-PEG Nanoparticles: Preparation and Characterization**

Baysal İ., Erikçi A., Arıca Yegin B., Uçar G., Yabanoğlu Çiftçi S.

European Federation of Pharmaceutical Sciences, Athens, Greece, 24 - 26 May 2018

- IV. **Antifibrotic Effect of TGF- β 3 Loaded PLGA-b-PEG Nanoparticles on Human Cardiac Fibroblast Cell Line**

Erikçi A., Baysal İ., Arıca Yegin B., Uçar G., Yabanoğlu Çiftçi S.

European Federation of Pharmaceutical Sciences, Athens, Greece, 24 - 26 May 2018

- V. **Preparation and Characterization of GST Inhibitor ETA-Loaded Nanoparticles for Targeting to Chemotherapeutic Resistant Cancer Cells**

ÖZÇELİK B., BAYSAL İ., EROĞLU İ., UÇAR G.

International Multidisciplinary Symposium on Drug Research and Development, 5 - 07 October 2017

- VI. **GC-MS Based Metabolomic Profile of Caco 2 Cell Lines**

özen G., BAYSAL İ., Eylem C. C., YABANOĞLU ÇİFTÇİ S., KIR S., NEMUTLU E.

3 rd International Multidisciplinary Symposium on Drug Research and Development - DRD 2017, 5 - 07 October 2017

- VII. **Acetylcholinesterase Inhibitory and Antioxidant Activities of Ferula caspica and F. halophila Extracts**

KAHRAMAN Ç., BAYSAL İ., YABANOĞLU ÇİFTÇİ S., ÇANKAYA İ. İ., AKDEMİR Z. Ş.

XXIst International Congress "Phytopharm 2017" and 10th Anniversary of the TCM Research Center Graz, 2 - 05

July 2017

- VIII. **Human MAO inhibitory activity of 2 arylmethyldene 2 3 dihydro 1 benzofuran 3 one derivatives**
Nayak Badavath V., BAYSAL İ., Venkatesan J., sinha B., UÇAR G.
International Conference Nature Inspired Initiatives in Chemical trends, 19 - 20 September 2016
- IX. **Preparation and evaluation of GST inhibitor loaded nanoparticles for overcoming drug resistance in cancer**
ÖZÇELİK B., EROĞLU İ., BAYSAL İ., ULUBAYRAM K., UÇAR G., İSKİT A. B.
18th International Pharmaceutical Technology Symposium, 18 - 21 September 2016
- X. **Overexpression of Glutathione S Transferase p GST p in Epithelial Mesenchymal Transition EMT Model of Caco2 Cells and the Effect of GST**
BAYSAL İ., Turk Ghasemi S., ÖZÇELİK B., UÇAR G.
EMBO, 10 - 13 September 2016
- XI. **Preparation of TGF-beta 3 loaded PLGA nanoparticles and film formulations for wound healing**
BAYSAL İ., Özcelikay G., Yabanoglu-Ciftci S., Arica-Yegin B.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.315
- XII. **Protective effects of new selective COX 2 inhibitors on a rat model of severe acute pancreatitis**
ERİKÇİ A., UÇAR B. İ., BAYSAL İ., Salgın Gökşen u., GÖKHAN KELEKÇİ N., KÖSEMEHMETOĞLU K., İSKİT A. B., YABANOĞLU ÇİFTÇİ S., UÇAR G.
The FEBS Journal, 3 - 08 September 2016
- XIII. **Protective effects of new selective COX-2 inhibitors on a rat model of severe acute pancreatitis**
Erikci A., Ucar B. İ., BAYSAL İ., Goksen U. S., Kelekci N. G., Baran A., Tozkoparan B., Kosemehmetoglu K., Iskit A. B., Ciftci S. Y., et al.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.246
- XIV. **Preparation of TGF b3 loaded PLGA nanoparticles and film formulations for wound healing**
özçelikay g., BAYSAL İ., YABANOĞLU ÇİFTÇİ S., ARICA YEGİN B.
41st FEBS Congress, 3 - 08 September 2016
- XV. **In Vitro Studies on BBB Penetration of Pramipexole Encapsulated Theranostic Liposomes for the Therapy of Parkinson s Disease**
SİLİNDİR GÜNAY M., ÖZER A. Y., ERDOĞAN S., BAYSAL İ., Guilloteau D., Chalon S.
18th European Symposium on Radiopharmacy and Radiopharmaceuticals, 7 - 10 April 2016
- XVI. **Antioxidant and Anti-inflammatory Effects of Newly Synthesized COX 2 Inhibitors on Taurocholate induced Acute Pancreatitis in Rats**
UÇAR B. İ., ERİKÇİ A., BAYSAL İ., Salgın Gökşen U., GÖKHAN KELEKÇİ N., ŞAHİN T. T., KÖSEMEHMETOĞLU K., İSKİT A. B., UÇAR G.
International Multidisciplinary Symposium on Drug Research Development, Eskişehir, Turkey, 15 - 17 October 2015
- XVII. **Design Synthesis and Biological Evaluation of MAO A Selective New 2 Pyrazoline and Hydrazone Derivatives**
Evranoş Aksöz B., BAYSAL İ., UÇAR G., Djikic T., YELEKÇİ K.
International Multidisciplinary Symposium on Drug Research & Development, 15 - 17 October 2015
- XVIII. **Anti oxidant and anti inflammatory effects of newly synthesized COX 2 inhibitors on taurocholate induced acute pancreatitis in rats**
UÇAR B. İ., ERİKÇİ A., BAYSAL İ., salgın gökşen u., GÖKHAN KELEKÇİ N., ŞAHİN T. T., KÖSEMEHMETOĞLU K., İSKİT A. B., UÇAR G.
International Multidisciplinary Symposium on Drug Research & Development, 15 - 17 October 2015
- XIX. **MAO inhibitory activity and pharmacokinetic properties of curcumin analogue ACI**
Jayaprakash v., Nayak V., Nayan Sinha B., BAYSAL İ., UÇAR G., Mondal S.
International Multidisciplinary Symposium on Drug Research and Development, 15 - 17 October 2015
- XX. **Anti oxidant and anti inflammatory effects of newly synthesized COX 2 inhibitors on taurocholate**

induced acute pancreatitis in rats

UÇAR B. İ., ERİKÇİ A., BAYSAL İ., Salgın Gökşen U., GÖKHAN KELEKÇİ N., ŞAHİN T. T., KÖSEMEHMETOĞLU K., İSKİT A. B.

International Multidisciplinary Symposium on Drug Research & Development, 15 - 17 October 2015

- XXI. **Behavioural changes in donepezil loaded PLGA b PEG nanoparticles on beta amyloid 25 35 injected rat model of Alzheimer s disease**
Tel B. C., Çınar E., Mutluay S. U., Baysal İ., Erikçi A., Gültekinoglu M., Ulubayram K., Yabanoğlu Çiftçi S., Uçar G.
IBRO 2015, Rio De Janeiro, Brazil, 7 - 11 July 2015, pp.55
- XXII. **Novel reversible andselective pyrazoline based hMAO A inhibitors synthesis docking studies and biological evaluation**
Evranoşaksöz B., BAYSAL İ., YABANOĞLU ÇİFTÇİ S., Djikic T., YELEKÇİ K., UÇAR G.
11th ISOPS, 9 - 12 June 2015
- XXIII. **Efficiency of selegiline loaded PLGA-b-PEG nanoparticles in crossing blood brain barrier in vivo**
BAYSAL İ., Yabanoglu-Ciftci S., Ulubayram K., Ucar G.
38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.345-346
- XXIV. **Aryl pyrazoline analogs as selective MAO-A inhibitors: further structural modification by switching the aromatic substituent**
Ucar G., Jayaprakash V., BAYSAL İ., Yabanoglu S. C., Jagrat M., Sinha B. N., Basu A.
36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.338

Supported Projects

BAYSAL İ., YABANOĞLU ÇİFTÇİ S., ÖRSTEN S., Project Supported by Higher Education Institutions, Hidatik kist sıvısı uygulamasının hepatoselüler karsinom hücrelerinde miR181bnin ekspresyonu ve apoptoz yolağı üzerine etkilerinin araştırılması, 2021 - 2022

AYVAZ M., BAYSAL İ., ÇETİK R. M., ARICA YEGİN B., YABANOĞLU ÇİFTÇİ S., Project Supported by Higher Education Institutions, Transforming Growth Factor Beta-3 Yüklü PLGA-b-PEG Nanopartiküllerin Aşıl Tendon İyileşmesi Üzerine Etkilerinin Araştırılması, 2020 - 2021

TEL B. C., MUTLUAY S. U., ELİBOL B., YABANOĞLU ÇİFTÇİ S., BAYSAL İ., YALÇIN ÇAKMAKLI G., KAZKAYASI İ., TELLİ G., YÜRÜKER A. C. S., SAKA TOPÇUOĞLU E., et al., Project Supported by Higher Education Institutions, Bazal gangliyonlarda ve limbik kortekste viral vektör aracılı alfa sinüklein aşırı ifadesine dayalı Parkinson hastalığı modelinde motor ve davranışsal değişikliklerin patoloji ile karşılaştırmalı olarak incelenmesi ve bu modelde rapamisin uygulamasının etkisinin araştırılması, 2015 - 2019

UÇAR G., BAYSAL İ., EROĞLU İ., Özçelik B., Özçelik B., Project Supported by Higher Education Institutions, Kemoterapötiklere Dirençli Kanser Hücrelerine Yönlendirilmek Üzere GST İnhibitörü ETA Yüklü Nanopartiküllerin Hazırlanması ve Karakterizasyonu, 2016 - 2017

UÇAR G., ERİKÇİ A., BAYSAL İ., ERCAN A., YÜKSEL TEK M., BİBEROĞLU K., TÜYLÜ KÜÇÜKKILINÇ Z. T., AYAZGÖK B., TACAL Ö., YABANOĞLU ÇİFTÇİ S., et al., Project Supported by Higher Education Institutions, ECF385 Biyokimya III Laboratuvar Ders İçeriğinin Klinik Biyokimya Yöntemleri ile Zenginleştirilerek Güncellenmesi, 2015 - 2016

ERİKÇİ A., UÇAR G., ŞAHİN T. T., UÇAR B. İ., GÖKHAN KELEKÇİ N., BAYSAL İ., İSKİT A. B., KÖSEMEHMETOĞLU K., Project Supported by Higher Education Institutions, Yeni Sentezlenen 2-Benzoksazolinon Türevi Bileşiklerin Antioksidan ve Antienflamatuar Etkilerinin Deneysel Sıçan Akut Pankreatit Modelinde Araştırılması, 2015 - 2016

BAYSAL İ., Türk Ghasemi S., Project Supported by Higher Education Institutions, Caco2 hücrelerinde MezenkimalEpitelyal Geçiş modeli oluşturulması her iki formda oksidatif stres faktörü GST ve GST düzeylerindeki farklılıkların belirlenmesi ve antiGST uygulaması, 2015 - 2016

YABANOĞLU ÇİFTÇİ S., BAYSAL İ., Project Supported by Higher Education Institutions, ALZHEİMER HASTALIĞI TEDAVİSİNDE KULLANILMAK ÜZERE DONEPEZİL YÜKLÜ PLGA-b-PEG NANOPARTİKÜLLERİNİN HAZIRLANMASI VE BEYNE HEDEFLENDİRİLMESİ, 2015 - 2015

Metrics

Publication: 66

Citation (WoS): 370

Citation (Scopus): 448

H-Index (WoS): 12

H-Index (Scopus): 12

Non Academic Experience

University of Nebraska Medical Center