

Asst. Prof. Burak Kuzu

Personal Information

Office Phone: [+90 444 5 065](tel:+904445065) Extension: 21155

Email: burakkuzu@yyu.edu.tr

Other Email: burak_30046@hotmail.com

Web: <https://avesis.yyu.edu.tr/burakkuzu>

International Researcher IDs

ORCID: 0000-0002-7305-7177

ScopusID: 57170612000

Yoksis Researcher ID: 264370

Education Information

Doctorate, Mersin University, Faculty Of Pharmacy, Department Of Professional Pharmaceutical Sciences, Turkey 2017 - 2021

Postgraduate, Van Yüzüncü Yil University, Sağlık Bilimleri Enstitüsü, Eczacılık Meslek Bilimleri (YI) (Tezli), Turkey 2014 - 2016

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Foreign Language, Cambly Certificate of Accomplishment-24h, Cambly , 2022

Vocational Course, NMR YAZ OKULU, Van Yüzüncü Yil Üniversitesi, 2018

Health&Medicine, Bilgisayar Destekli İlaç Tasarım Kursu, Biruni Üniversitesi Eczacılık Fakültesi, 2015

Dissertations

Doctorate, KARBOKSAMİT SÜBSTİTÜE BENZOKSAZOL ANA YAPISI TAŞIYAN YENİ BİLEŞİKLERİN TASARIMI, SENTEZİ, BİYOLOJİK AKTİVİTELERİNİN ARAŞTIRILMASI VE YAPI-ETKİ İLİŞKİLERİNİN İNCELENMESİ, Mersin University, Faculty Of Pharmacy, Department Of Professional Pharmaceutical Sciences, 2021

Postgraduate, pH DUYARLI VE SOLVATOKROMİK ÖZELLİĞE SAHİP SENSÖRLERİN GELİŞTİRİLMESİ VE HÜCRE GÖRÜNTÜLEMEDEKİ UYGULAMALARI , Van Yüzüncü Yil University, Eczacılık Meslek Bilimleri, Farmasötik Kimya, 2016

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry

Academic Titles / Tasks

Assistant Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2022 - Continues
Research Assistant PhD, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2021 - 2022
Research Assistant, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2017 - 2021

Courses

ORGANİK REAKSİYON MEKANİZMALARI, Undergraduate, 2022 - 2023
FARMASÖTİK KİMYA LAB. II, Undergraduate, 2022 - 2023
FARMASÖTİK KİMYA LAB. IV, Undergraduate, 2022 - 2023
İLAÇ ETKEN MADDESİ ARAŞTIRMA VE GELİŞTİRME TEKNİKLERİ, Undergraduate, 2022 - 2023

Jury Memberships

Competition, INTOC Global 2022 Science Project Competition, Van Yüzüncü Yil Üniversitesi, May, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Exploring new 5-Nitroimidazole Derivatives as Potent Acetylcholinesterase and Butyrylcholinesterase Enzyme Inhibitors**
GÜRSOY Ş., Satıcı D., Kuzu B., TÜRKMENOĞLU B., DİLEK E., ALGÜL Ö.
Chemistry and Biodiversity, vol.21, no.10, 2024 (SCI-Expanded)
- II. **Design, synthesis, and applications of nucleic acid-specific benzoxazole-N,N-dialkylphenylamines derivatives for nucleolus imaging in the cells**
Kuzu B., Açıkgöz E., Çakır M.
Journal of Molecular Structure, vol.1309, 2024 (SCI-Expanded)
- III. **Exploring Natural Compounds Targeting PD-L1 and STAT3: Toxicogenomic Analysis, Virtual Screening, Molecular Docking, ADMET Evaluation, and Biological Activity Prediction**
Karakuş F., Kuzu B., Köstekci S., Tülüce Y.
CURRENT COMPUTER-AIDED DRUG DESIGN, 2024 (SCI-Expanded)
- IV. **Novel Pyrazole Derivatives Bearing Carbonitrile and Substituted Thiazole Moiety for Selective COX-2 Inhibition**
Arzuk E., Karakuş F., Ergüç A., Kuzu B.
ChemistrySelect, vol.9, no.1, 2024 (SCI-Expanded)
- V. **Screening and toxicity evaluation of natural compounds as adenosine 2a and 2b receptor ligands: insights from molecular docking, dynamics, and ADMET analysis**
Karakuş F., ALAGÖZ M. A., Kuzu B.
Drug and Chemical Toxicology, 2024 (SCI-Expanded)
- VI. **Discovery of New Pyrazole-Tosylamide Derivatives as Apoptosis Inducers Through BCL-2 Inhibition and Caspase-3 Activation**
Kuzu B., Arzuk E.
Chemistry and Biodiversity, 2024 (SCI-Expanded)
- VII. **Structure-based inhibition of acetylcholinesterase and butyrylcholinesterase with 2-Aryl-6-carboxamide benzoxazole derivatives: synthesis, enzymatic assay, and in silico studies**
Kuzu B., ALAGÖZ M. A., Demir Y., GÜLÇİN İ., BURMAOĞLU S., Algul O.
Molecular Diversity, 2024 (SCI-Expanded)
- VIII. **New targets and biomarkers for doxorubicin-induced cardiotoxicity in humans: implications drawn from toxicogenomic data and molecular modelling**
Karakuş F., Ece A., Kuzu B.

Journal of Biomolecular Structure and Dynamics, 2024 (SCI-Expanded)

- IX. **Design, synthesis, and antiproliferative activities of novel thiazolyl-pyrazole hybrid derivatives**
Kuzu B., Ergüç A., Karakuş F., Arzuk E.
Medicinal Chemistry Research, vol.32, no.8, pp.1690-1700, 2023 (SCI-Expanded)
- X. **Synthesis of Carbazole-Substituted thiosemicarbazone and its Cu(II) Complex, DNA/Protein Binding, Cytotoxic, antiproliferative activities and molecular docking studies**
Findik M., Kuzu B., Pehlivanoglu S., Kaya S., Sayin U., Guler Akgemci E., Saf A. O.
Inorganic Chemistry Communications, vol.152, 2023 (SCI-Expanded)
- XI. **Trisubstituted Imidazole and N-Propargyl Imidazole Analogues: Synthesis, Characterization, In Silico Studies and Enzyme Inhibitory Properties**
Altıok M. S., Cetin A., Kuzu B., Bildirici I.
RUSSIAN JOURNAL OF GENERAL CHEMISTRY, vol.93, no.3, pp.666-679, 2023 (SCI-Expanded)
- XII. **Single-step approach for synthesis of a novel tetracyclic skeleton: Investigation of X-ray analysis, fluorescence spectra, TD-DFT calculations and biological activities**
Kuzu B., Gül S., Tan Uygun M., Dönmez M. F., Mengeş N.
Journal of Molecular Structure, vol.1273, 2023 (SCI-Expanded)
- XIII. **Tandem Synthesis of Novel thiazole-substituted pyrrolo[1,2-d][1,2,4]triazin-4(3H)-one Derivatives and their Theoretical Pharmacokinetic Profiles**
Kuzu E., Kuzu B.
Chemistry of Heterocyclic Compounds, vol.59, no.1-2, pp.80-87, 2023 (SCI-Expanded)
- XIV. **Synthesis of Pyrrolizinone and Pyrrolizino[1,2-a]pyrrolizin-5-one Skeletons Starting From Pyrrole Through A Single-Step and Catalyst-Free Approach**
Amudi K., Kuzu B., Kolak S., Genç H., Mengeş N.
Synlett, vol.34, no.11, pp.1265-1269, 2022 (SCI-Expanded)
- XV. **Design, synthesis and in vitro antiproliferation activity of some 2-aryl and -heteroaryl benzoxazole derivatives**
Kuzu B., ÖZSOY C., TÜRKMEÑOĞLU B., BURMAOĞLU S., ALGÜL Ö.
FUTURE MEDICINAL CHEMISTRY, vol.14, pp.1027-1048, 2022 (SCI-Expanded)
- XVI. **2-Phenyl substituted Benzimidazole derivatives: Design, synthesis, and evaluation of their antiproliferative and antimicrobial activities**
Ersan R. H., Kuzu B., Yetkin D., ALAGÖZ M. A., Dogen A., BURMAOĞLU S., Algul O.
MEDICINAL CHEMISTRY RESEARCH, vol.31, pp.1192-1208, 2022 (SCI-Expanded)
- XVII. **Synthesis, Biological Evaluation and In Silico Studies of Some 2-Substituted Benzoxazole Derivatives as Potential Anticancer Agents to Breast Cancer**
Kuzu B., Hepokur C., ALAGÖZ M. A., BURMAOĞLU S., Algul O.
CHEMISTRYSELECT, vol.7, no.1, 2022 (SCI-Expanded)
- XVIII. **A novel class for carbonic anhydrases inhibitors and evaluation of their non-zinc binding**
Kuzu B., Tan Uygun M., Gülçin İ., Mengeş N.
ARCHIV DER PHARMAZIE, vol.354, no.10, 2021 (SCI-Expanded)
- XIX. **Excited State Intramolecular Proton Transfer (ESIPT)-Based Sensor for Ion Detection**
Kuzu B., Ekmekci Z., Tan M., Mengeş N.
JOURNAL OF FLUORESCENCE, vol.31, no.3, pp.861-872, 2021 (SCI-Expanded)
- XX. **Synthesis of Indolizines by Dimerization of N-Propargylated Pyrroles via Allene Intermediates**
Kuzu B., Gül S., Tan M., Mengeş N., Balci M.
ChemistrySelect, vol.6, no.9, pp.2366-2372, 2021 (SCI-Expanded)
- XXI. **Synthesis of Benzoxazole-2-carboxylate Derivatives: Electronic- and Position-effect of Functional Groups and Computational Modeling of the Selectivity for Oxazole Ring**
Kuzu B., Sarı Ö., Erdem S., Algül Ö., Mengeş N.
CHEMISTRYSELECT, vol.6, pp.2529-2538, 2021 (SCI-Expanded)
- XXII. **New-Generation Benzimidazole-Based Plasmid Delivery Reagents with High Transfection Efficiencies on the Mammalian Cells**

- AYAZ F., Ersan R. H., Kuzu B., ALGÜL Ö.
IN VITRO CELLULAR & DEVELOPMENTAL BIOLOGY-ANIMAL, vol.56, no.1, pp.34-41, 2020 (SCI-Expanded)
- XXIII. **A novel structure for ESIPT emission: Experimental and theoretical investigations**
Kuzu B., Tan M., Ekmekci Z., Mengeş N.
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY A-CHEMISTRY, vol.381, 2019 (SCI-Expanded)
- XXIV. **Synthesis of New Alicyclic Oxalamide Derivatives and Their Differential Immunomodulatory Activities on the Mammalian Cells**
Kuzu B., AYAZ F., ALGÜL Ö.
JOURNAL OF HETEROCYCLIC CHEMISTRY, vol.56, no.7, pp.1946-1952, 2019 (SCI-Expanded)
- XXV. **Mono- or di-substituted imidazole derivatives for inhibition of acetylcholine and butyrylcholine esterases.**
Kuzu B., Tan M., TASLIMI P., GÜLÇİN İ., Taşpınar M., Mengeş N.
Bioorganic chemistry, vol.86, pp.187-196, 2019 (SCI-Expanded)
- XXVI. **Copper-Catalyzed Synthesis of Fused Imidazopyrazine N-Oxide Skeletons**
Taşdemir V., Kuzu B., Tan M., Genç H., Mengeş N.
SYNLETT, vol.30, no.3, pp.307-310, 2019 (SCI-Expanded)
- XXVII. **Synthesis of novel imidazopyridines and their biological evaluation as potent anticancer agents: A promising candidate for glioblastoma**
Guclu D., Kuzu B., Tozlu İ., Taspınar F., CANPINAR H., Taspınar M., Mengeş N.
BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, vol.28, no.15, pp.2647-2651, 2018 (SCI-Expanded)
- XXVIII. **An easy synthetic protocol for imidazo-1,4-oxazines and evaluation of their toxicities**
Kuzu B., Genç H., Taspınar M., Tan M., Mengeş N.
HETEROATOM CHEMISTRY, vol.29, no.1, 2018 (SCI-Expanded)
- XXIX. **A novel fluorescent sensor based on imidazole derivative for Fe³⁺ ions**
Kuzu B., Tan M., Ekmekci Z., Mengeş N.
JOURNAL OF LUMINESCENCE, vol.192, pp.1096-1103, 2017 (SCI-Expanded)
- XXX. **Indole-containing new types of dyes and their UV-vis and NMR spectra and electronic structures: Experimental and theoretical study**
Kuzu B., Mengeş N.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.162, pp.61-68, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **In Silico Drug Repurposing As Inhibitors Against GSK-3 β**
Deniz E., Karakuş F., Kuzu B.
Hacettepe University Journal of the Faculty of Pharmacy, vol.2024, no.Special Issue, pp.11-16, 2024 (Scopus)
- II. **Potential inhibitors of extra-synaptic NMDAR/TRPM4 interaction: Screening, molecular docking, and structure-activity analysis**
Deniz E., Karakuş F., Kuzu B.
Computational Toxicology, vol.27, 2023 (Scopus)
- III. **Novel oxalamide derivatives for COXs expression and breast cancer: design, synthesis, biological evaluation, and docking studies**
Kuzu B., Hepokur C., Algul O.
Organic Communications, vol.16, no.3, pp.152-165, 2023 (ESCI)
- IV. **Natural Compounds Targeting VEGFRs in Kidney Cancer: An In silico Prediction**
Kuzu B., Karakuş F.
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.3, pp.1711-1722, 2022 (Peer-Reviewed Journal)
- V. **Possible Cardioprotective Mechanism of Action of Dexrazoxane, and Probable Human Topoisomerase II β Inhibitors: An In Silico Analysis**

Karakuř F., Kuzu B.

ANKARA UNIVERSİTESİ ECZACILIK FAKULTESİ DERGİSİ, vol.46, no.2, pp.474-486, 2022 (Scopus)

VI. **Alicyclic diamide derivatives as potential anticancer agents**

Kuzu B., Hepokur C.

Bioorganic & Medicinal Chemistry Reports, vol.3, no.1, pp.15-21, 2020 (Peer-Reviewed Journal)

VII. **Analyzing of some druggable properties of hydrazono-pyridazinones**

Kuzu B., Mengeř N.

Bioorganic & Medicinal Chemistry Reports, vol.1, no.1, pp.29-36, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

I. **PRODUCTION OF CANNABINOIDS IN THE PHARMACEUTICAL INDUSTRY**

Kuzu B., Karakuř F., Tanrıverdi Z.

in: CANNABINOIDS IN PHARMACEUTICAL INDUSTRY, Mine Koçyiğit AVCI, Yusuf Kenan HASPOLAT, Yağmur Emre ARICAN, Editor, Orient Yayınları, Ankara, pp.8-19, 2022

II. **Antibakteriyel Ajanlar**

Döğen A., Kuzu B., Şimşek T.

in: Medisinal Kimya, Prof. Dr. Öztekin ALGÜL, Editor, Nobel Tıp Kitapevi, Ankara, pp.425-489, 2021

Refereed Congress / Symposium Publications in Proceedings

I. **1,3,4-OKZADİAZOL TÜREVLERİNİN TASARIMI VE ANTİMİKROBİYAL ETKİ POTANSİYELLERİNİN ARAŞTIRILMASI**

Pınar İ., Kuzu B.

VII: ULUSAL FARMASÖTİK KİMYA KONGRESİ, İzmir, Turkey, 26 - 28 October 2024, pp.14

II. **YENİ TRİSÜBSTİTÜE PİRAZOL TÜREVLERİNİN TASARIMI, SENTEZİ VE ANJİYOGENİK AKTİVİTELERİNİN ARAŞTIRILMASI**

Deniz E., Kuzu B.

VII: ULUSAL FARMASÖTİK KİMYA KONGRESİ, İzmir, Turkey, 26 October - 28 December 2024, pp.9

III. **PARP-1 İNHİBİTÖRÜ OLARAK TİYAZOL SÜBSTİTÜE YENİ FİTALAZİNON TÜREVLERİNİN TASARIMI, SENTEZİ VE UYGULAMALARI**

Karcı B. N., Kuzu B.

VII: ULUSAL FARMASÖTİK KİMYA KONGRESİ, İzmir, Turkey, 26 - 28 October 2024, pp.5

IV. **Immunotherapy Approach for Cancer Treatment: Designing of Small Molecules for PD-1/PD-L1 Interaction Inhibition**

Pınar İ., Kuzu B., Mengeř N.

International 12. Drug Chemistry Conference, Antalya, Turkey, 7 - 10 March 2024, pp.128

V. **Alkyl-Onium Salt Catalysts for Alkyne Cyclization: A New Breath for Umpolung Reaction**

Amudi K., Kuzu B., Mengeř N.

International 12. Drug Chemistry Conference, Antalya, Turkey, 7 - 10 March 2024, pp.123

VI. **Facile Synthesis of Pyrazole-Aldehyde Derivatives and Preparation of Versatile Derivatives with Potential Antiproliferative Effects**

Deniz E., Kuzu B.

International 12. Drug Chemistry Conference, Antalya, Turkey, 7 - 10 March 2024, pp.78

VII. **DESIGN AND IN SILICO ANALYSIS OF GLP1R AGONISTS**

Deniz E., Karakuř F., Kuzu B.

Van Yüzüncü Yıl Üniversitesi 2. Uluslararası Sağlık Bilimleri Kongresi, Van, Turkey, 18 - 19 December 2023, pp.39

VIII. **Synthesis of Thiazolyl-pyrazole Derivatives From α,β -Unsaturated Carbonyl Compounds, Investigation of Their Versatile Potential Biological Activities and Examination of Their Theoretical**

Pharmacokinetic Properties

Deniz E., Kuzu B.

II. International Congress on Health Sciences and Multidisciplinary Approaches, Erzurum, Turkey, 24 - 25 November 2023, pp.488-489

- IX. **In Silico Drug Repurposing As Inhibitors Against Gsk-3 β**
Deniz E., Karakuş F., Kuzu B.
International Multidisciplinary Symposium on Drug Research and Development - DRD 2023, İzmir, Turkey, 4 - 06 May 2023, pp.112
- X. **A New Approach for Indolizine Alkaloids Having CN Functionality**
Gül S., Kuzu B., Amudi K., Mengeş N.
International 11. Drug Chemistry Congress, Antalya, Turkey, 9 - 12 March 2023, pp.57
- XI. **Research of A New Lead Compound for Glioblastoma: Pharmacodynamic and Pharmacokinetic Studies on Heterobicyclic Compounds**
Gül S., Yıldırım C., Yurtcu E., Kuzu B., Mengeş N.
International 11. Drug Chemistry Congress, Antalya, Turkey, 9 - 12 March 2023, pp.25
- XII. **Design, Synthesis and Molecular Docking Studies of Novel Pyrazolo-quinoline Derivatives Containing Thiazole Moiety for Benzodiazepine Receptor**
Kuzu B.
International 11. Drug Chemistry Congress, Antalya, Turkey, 9 - 12 March 2023, pp.112-116
- XIII. **Design and synthesis of new bisbenzoxazole-pyrrole hybrid compound of potential antiproliferative activity**
Kuzu B., Yetkin D., Algül Ö.
International 11. Drug Chemistry Congress, Antalya, Turkey, 9 - 12 March 2023, pp.111
- XIV. **Design and Synthesis of New Peptidomimetic Ligands for Inhibition of 2019- nCoV Protease Enzyme: Drug Candidates for Corona Virus Infection**
Gül S., Kuzu B., Amudi K., Tan Uygun M., Mengeş N.
International 11. Drug Chemistry Congress, Antalya, Turkey, 9 - 12 March 2023, pp.55
- XV. **Investigation of The Design, Synthesis, Reaction Mechanism and Theoretical Pharmacokinetic Properties of Novel Pyrrolotriazinone Derivatives**
KUZU E., KUZU B.
Van Yüzüncü Yıl University 1st International Health Sciences Congress, Van, Turkey, 27 October 2022, pp.42
- XVI. **Design and DNA-Docking Studies of New Fluorescence Bisbenzazole-Based Organic Sensors for DNA-G4 Target**
Kuzu B.
1ST INTERNATIONAL HEALTH SCIENCES RESEARCH DAYS CONGRESS, İstanbul, Turkey, 14 - 16 September 2022, vol.1, pp.43-45
- XVII. **Oxime Ester-Based Di-Substituted Imidazole Derivatives for Inhibition of Acetylcholinesterase: Discovery and Structure-Activity Relationships**
Gül S., Kuzu B., Mengeş N.
2. Computer-Aided Drug Design Symposium and Workshop, İstanbul, Turkey, 11 - 12 May 2022, pp.37-38
- XVIII. **Unknown and One-Pot Strategy for Synthesis of Novel Pyrrolizinone Structures**
I S Amudi K., Kuzu B., Mengeş N.
International 10. Drug Chemistry Conference, Antalya, Turkey, 10 - 13 March 2022, pp.46
- XIX. **Investigation of Various Molecular Modifications of Perylene and Their Fluorescence Sensor Applications**
Kuzu E., Kuzu B., Genç H., Mengeş N.
International 10. Drug Chemistry Conference, Antalya, Turkey, 10 - 13 March 2022, pp.112
- XX. **A New Carbazole Substituted Thiosemicarbazon Cu(II) Complexes: Spectroscopic, Molecular Docking and Cytotoxic Studies**
Kaya S., Pehlivanoglu S., Fındık M., Kuzu B., Akgemci E. G., Saf A. Ö.
International 10. Drug Chemistry Conference, Antalya, Turkey, 10 - 13 March 2022, pp.113

- XXI. **Synthesis of Imidazopyridines Containing Amide Functionality and Investigation of Their Antiproliferative Activities in the Glioblastoma Cell Line**
Koç Ö., Gül S., Kuzu B., Mengeş N.
International 10. Drug Chemistry Conference, Antalya, Turkey, 10 - 13 March 2022, pp.190
- XXII. **Novel Imidazopyridine Derivatives Having Free Amine Unit and Investigation of Their Antiproliferative Effects on Glioblastoma: In vitro and In silico Study**
Çobanoğlu Ş., Kuzu B., Mengeş N.
International 10. Drug Chemistry Conference, Antalya, Turkey, 10 - 13 March 2022, pp.139
- XXIII. **Design and Synthesis of Thioflavin T (ThT)-like Fluorescent Compounds and Their DNA-binding and Cell Imaging Applications**
Kutlar M., Kuzu B., Mengeş N.
International 10. Drug Chemistry Conference, Antalya, Turkey, 10 - 13 March 2022, pp.133
- XXIV. **Synthesis of New Marine Indole Analogues and Their Antimicrobial Activities**
Deniz E., Kuzu B., Mengeş N.
International 10. Drug Chemistry Conference, Antalya, Turkey, 10 - 13 March 2022, pp.141
- XXV. **The Synthesis of ESIPT-Based Fluorescent Dyes with Large Stokes Shifts and Their Applications in Cell Imaging**
Gül S., Kuzu B., Genç H., Tan Uygun M., Mengeş N.
International 10. Drug Chemistry Conference, Antalya, Turkey, 10 - 13 March 2022, pp.44
- XXVI. **Structural Approach Into The Design of Potent Anticancer Indole-Oxazole Derivatives via Tubulin Polymerization Inhibition**
Kuzu B.
International 10. Drug Chemistry Congress, Antalya, Turkey, 10 - 13 March 2022, pp.54-58
- XXVII. **Targeting mTOR Pathway: An Overview of Rapamycin and Rapalogs**
Kılıç B., Kuzu B., Şahan Fırat S.
International 9. Drug Chemistry Congress, Antalya, Turkey, 8 - 11 April 2021, pp.39
- XXVIII. **Investigation of the Effects of BK369 Compound on Breast Cancer**
HEPOKUR C., BOSTANCI H., Kuzu B., ALGÜL Ö.
8th International Congress of Drug Chemistry: Design, Synthesis, Production and Standardization of Pharmaceutical Active Substances, Antalya, Turkey, 27 February - 01 March 2020
- XXIX. **Design, Synthesis And In Vitro Applications Of New Types Of Cell Imaging Agents: Imidazopyridine Skeleton**
Sevinçli Z. Ş., Kuzu B., YURTÇU E., Mengeş N.
8th International Congress of Drug Chemistry: Design, Synthesis, Production and Standardization of Pharmaceutical Active Substances, Antalya, Turkey, 27 February - 01 March 2020
- XXX. **Catalyst-free and green chemistry approach for unknown fused tetraheterocyclic skeleton**
Gül S., Kuzu B., Tan M., Mengeş N.
8th International Congress of Drug Chemistry: Design, Synthesis, Production and Standardization of Pharmaceutical Active Substances, Antalya, Turkey, 27 February - 01 March 2020
- XXXI. **An Investigation For New Topical Antiseptic Solution with Unknown Agents**
KURT H., Mengeş N., Kuzu B., GÜL S., Tan M.
8th International Congress of Drug Chemistry: Design, Synthesis, Production and Standardization of Pharmaceutical Active Substances, Antalya, Turkey, 27 February - 01 March 2020
- XXXII. **Design and Synthesis of Novel Diisopropylloxamide Derivatives and Their Docking Studies for COX Inhibitions**
Kuzu B., ALGÜL Ö.
8th International Congress of Drug Chemistry: Design, Synthesis, Production and Standardization of Pharmaceutical Active Substances, Antalya, Turkey, 27 February - 01 March 2020
- XXXIII. **New Types of Imidazole Derivatives and Their Pharmacological Effects on Central Nervous System**
Kuzu B., Tan M., Mengeş N.
8th International Congress of Drug Chemistry: Design, Synthesis, Production and Standardization of

Pharmaceutical Active Substances, Antalya, Turkey, 27 February - 01 March 2020, pp.1

XXXIV. Design and Synthesis of Novel 4-Methylaminopiperidine-Substituted Imidazopyridine Derivatives and Investigation of Their Antimicrobial Activities

Kuzu B., Gül S., Mengeş N.

8th International Congress of Drug Chemistry: Design, Synthesis, Production and Standardization of Pharmaceutical Active Substances, Antalya, Turkey, 27 February - 01 March 2020

XXXV. Benzimidazole-2-Phenyl with Alkyl / Alkyloxy linker Derivatives: Synthesis and Antiproliferative Evaluation

HAJ ERSAN R., Kuzu B., BUĞA M., ADAL E., ALGÜL Ö.

8th International Congress of Drug Chemistry: Design, Synthesis, Production and Standardization of Pharmaceutical Active Substances, Antalya, Turkey, 27 February - 01 March 2020

XXXVI. 3(2H)-Pyridazinones: Synthesis as Antifungal Agents, in silico Fungal CYP51 Inhibition

Zenni Y. N., Özdemir Z., Kuzu B., Kutluk İ.

5th INTERNATIONAL TURKIC WORLD CONFERENCE ON CHEMICAL SCIENCES AND TECHNOLOGIES (ITWCCST 2019), Sakarya, Turkey, 25 - 27 October 2019, pp.31-33

XXXVII. SYNTHESIS OF BICYCLIC IMIDAZOLE DERIVATIVES VIAPROPARGYL CYCLIZATION WITH BASE OR METAL

Taşdemir V., Kuzu B., Mengeş N., Genç H.

2. INTERNATIONAL TURKISH WORLD ENGINEERING AND SCIENCE CONGRESS, Antalya, Turkey, 7 - 10 October 2019, pp.320-323

XXXVIII. Design and Production of New Generation Plasmid Transfection Reagents with High Transfection Efficiencies and Less Cytotoxic Effects

Ayaz F., Kuzu B., HAJ ERSAN R., ALGÜL Ö.

7th Drug Chemistry Conference: Design, Synthesis, Production and Standardization of Drug Active Substances, Antalya, Turkey, 14 - 17 March 2019

XXXIX. Anti-inflammatory Activities of Alicyclic Diamide Derivatives

Kuzu B., Ayaz F., ALGÜL Ö.

7th Drug Chemistry Conference: Design, Synthesis, Production and Standardization of Drug Active Substances, Antalya, Turkey, 14 - 17 March 2019

XL. Alkene or Alkyne-linked Imidazole Derivatives and Investigation of Their Applications

Kuzu B., Taşdemir V., Mengeş N.

7th Drug Chemistry Conference: Design, Synthesis, Production and Standardization of Drug Active Substances, Antalya, Turkey, 14 - 17 March 2019

XLI. Development of New Methods For The High Efficiency of Benzoxazole Derivatives

Kuzu B., ALGÜL Ö.

4th Organic Chemistry Congress with international participation, Antalya, Turkey, 4 - 07 October 2018

XLII. Synthesis of Imidazo [1,2-a] pyrazine Compounds on Metal Catalyzed Alkyl Cyclization and Investigating Their Diels-Alder Reactions

Kuzu B., Mengeş N.

4th Organic Chemistry Congress with international participation, Antalya, Turkey, 4 - 07 October 2018

XLIII. Unknown Imidazole Fused Heterobicyclic Compounds via Alkyne Cyclization

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