

POSTER PRESENTATIONS

POSTER NO: 1-40 (19 DECEMBER 2019 THURSDAY, 18:00-19:00)

POSTER NO: 41-83 (20 DECEMBER 2019 FRIDAY, 18:15-19:15)

1	Combination Treatment With YK-4-279 Enhances Cisplatin Chemosensitivity in A549 Non-Small Cell Lung Cancer Cell Line Through Alteration of EGFR-STAT3 Signaling Pathway Via Regulation of APE1	Sara Alkhatib, Gülay Bulut
2	In Vitro Therapeutic Effects of Novel Methyl Jasmonate Derivatives on Brain Cancer Cell Lines	Damla Uludağ, Bilgesu On Sucu, Özgecan Şavlu Mustafa Güzel, Nih Karakaş
3	Action Mechanism of Novel Nimesulide Derivatives as Potential Anti-inflammatory Compounds with Secondary Anticancer Effects	Adem Özleyen, Y. Berkay Yılmaz, Tuğba Güngör, Tuğba Taşkın Tok, Mehmet Ay, Tuğba BoyuneğmezTümer
4	Novel Monoamineoxidase-B Inhibitors for the Treatment of Parkinsons Disease	Derya ,Osmaniye, Begüm Nurpelin Sağlık, Zafer Asım Kaplancıklı
5	Molecular modelling and antiviral activity of 1H-indole-2,3-dione derivatives carrying naphthalene moiety	Özge Soylu, Gizem Nur Duran, Mehmet Özbil, Füsün Göktaş, Gökçe Cihan Üstündağ, Lieve Naesens, Nilgün Karalı
6	Investigation of antitumor activity of organoruthenium (II)-arene complexes coordinated with thiosemicarbazones synthesized in colorectal cancer cell lines	Duygu Erdogan, Esra Bulut Atalay, Elif Subasi, Hülya Ayar Kayalı
7	Physicochemical and Biological Characterization of a Biosimilar IgG1	Cemre YAŞAR; Seminay GÜLER; Gizem YILMAZER ALTUN; Gizem KURŞUNLUOĞLU; Duygu ERDOĞAN; Elçin ÇAĞATAY; Sadettin Öztürk; Hülya Ayar Kayalı
8	Elucidation of Fludarabine-DNA Interactions Using Molecular Docking Studies	Soykan Açar, V. Öykü Sayın, Mine Yurtsever, Pelin Şenel, Ayşegül Gölcü
9	Two-Photon Absorption Properties of Gold Fluorescent Protein	Yusuf Şimşek, Alex Brown
10	Design and synthesis of novel furoyl piperazine bearing benzothiazole derivatives as cholinesterase inhibitors	Asaf Evrim EVREN, Leyla YURTTAŞ, Begüm Nurpelin SAĞLIK

11	Imine Bond Bearing Water Soluble Tridentate Ligand and Cu (II), Ni (II), and Zn (II) Complexes: Synthesis, Characterization and Anticancer Activities	Burcu SAYGIDEĞER DEMİR, İlyas GÖNÜL, Gizem GÜMÜŞGÖZ ÇELİK, Seda İPEKBAYRAK, Yasemin SAYGIDEĞER
12	SYNTHESIS AND COMPUTER-AIDED DRUG DESIGN STUDIES OF NOVEL 4-ARYL-1,2,4-TRIAZOLE-3-THIONE DERIVATIVES AS POTENT AND TARGET-ORIENTED THERAPEUTIC AGENTS	Efe Doğukan Dincel, Nuray Ulusoy Güzeldemirci
13	Exploring dynamics of pMHC using accelerated molecular dynamics	Elif Naz Bingöl, Pemra Özbek Sarıca
14	A Tool for Investigating Protein Signaling Network by Perturbation of External Energy Dissipation	Mustafa Erhan Özer, Halil İbrahim Özdemir, Onur Serçinoğlu, Elif Naz Bingöl, Pemra Özbek Sarıca
15	Tripalmitin-based Emulsome Formulations for Sustained Delivery of Antileishmanial Compounds to Infected Macrophages	Zeynep ISLEK, Bilgesu Onur SUCU, Elif KESKIN, Mustafa GUZEL, Fikrettin SAHIN, Mehmet H. UCISIK
16	Potent Novel Inhibitors Against Hepatitis C Virus NS3 (HCV NS3 GT-3a) Protease Domain	Saima Ikram, Jamshaid Ahmad, Serdar Durdagi
17	Analysis of Antimicrobial and Antioxidant Properties of Rue (<i>Ruta graveolens</i>) Plant	Rana Arıduru, Gülnur Arabacı
18	In Silico Development of new Antimalarials with Molecular Docking as Inhibitor of Pv-DHFR	F. Layachi, K. Kraim, S. Aitkaki, A. Neghra, F. Ferkous
19	Design Of Novel Furoyl-Methoxy-Piperazine Phthalocyanines With High Ros Capability In The Breast Cancer Cell Line As An Anticancer Drug	Aleyna NALÇAOĞLU, Ceren SARI, İsmail DEĞİRMENCİOĞLU, Figen CELEP EYÜPOĞLU
20	A Novel Hydrogenation of Nitroarene Compounds in The Presence of BINAP.PdCl ₂ in Aqueous Medium	Nursefa Zengin, Haydar Göksu
21	Efficient hydrogenation of aromatic azides to primary amines by nanofibrillated cellulose supported palladium nanoparticles in water	Nursefa Zengin, Haydar Göksu, Ayhan Tozluoğlu, Fatih Şen
22	Synthesis, identification and quality control of magnesium hydroxide powder with antacid and laxative effect	MEKAHLIA Leila, MERAH Abdelali
23	Discovery of new maltase glucoamylase inhibitors as potential antidiabetic agents via a structure-based virtual screening	Abdelhak Neghra F. Layachi , K. Kraim , S. Aitkaki , F. Ferkous
24	Identification of a New Series Of 3- (4-sulfanylpiperolidine-2-amido) benzoic acid Analogues as Metallo-β-Lactamase Inhibitors by Molecular Docking	F. Layachi, S. Aitkaki, A. Neghra, K. Kraim, F. Ferkous

25	Artificial neural network models based on QSAR for predicting and screening of novel AChE inhibitors as anti- Alzheimer drugs	Enfale Zerroug, Imane Almi, Salah Belaidi
26	Virtual Docking Screening for New Tyrosine Kinase Inhibitors (KITs) Similar to Sunitinib	ALLAOUA Amina, MOKHNENE A.
27	Antimicrobial Activity and Microwave Assisted Synthesis of New Hybrid Compounds Derived From Fluoroquinolone Skeleton	Hacer Bayrak, Ahmet Demirbaş, Neslihan Demirbaş, İrem Şen, Arif Mermer
28	One-Pot Three Component Reaction Leading to the Formation of New Fluoroquinolone-Triazole Hybrids, And Investigation of Their Antimicrobial Activities	Ahmet Demirbaş, Neslihan Demirbaş, Hacer Bayrak, Serap Başoğlu Özdemir
29	Synthesis and Antimicrobial Activities of New Hybrid Drug Candidates Consisting of Quinolone and Thiazolidinone Units by Microwave Irradiated Method	Neslihan Demirbaş, Ahmet Demirbaş, Hacer Bayrak, Aslıhan AYVAZ, Serap Başoğlu Özdemir
30	Microwave Supported Synthesis of New Quinolone-Thiazolidinone Hybrids and Their Antimicrobial Activities	Ahmet Demirbaş, Neslihan Demirbaş, Hacer Bayrak, İrem Şen, Ebru Taflan, Arif Mermer
31	Synthesis of New 4-Thiazolidinone Derivatives and Investigation of their <i>in vitro</i> Cytotoxic Effects on Breast Cancer	Halil Şenol, Nuray Ulusoy Güzeldemirci, Sezen Atasoy
32	Computer Aided Design and Synthesis of New Ursane Triterpenoids with Nuclear Factor Kappa B Inhibition Effect	Halil Şenol, Atilla Akdemir, Gülaçtı Topçu
33	Synthesis of New Oleanane Triterpenoids Including Fatty Acids Esters and Investigation of Their <i>in vitro</i> Cytotoxic Effects on 3T3 Fibroblast and PC3 Prostate Cancer Cell Lines	Asude Sena Aktaş, Halil Şenol, Aydan Dağ, Sezen Atasoy, Gülaçtı Topçu
34	Synthesis of New Ursane Triterpenoids Including Fatty Acids Esters and Investigation of Their <i>in vitro</i> Cytotoxic Effects on 3T3 Fibroblast and PC3 Prostate Cancer Cell Lines	Kübra Çokuludağ, Halil Şenol, Aydan Dağ, Sezen Atasoy, Gülaçtı Topçu
35	NEW THERAPEUTIC APPROACHES TARGETING MLL-AF9 LEUKEMIA THROUGH EPIGENETIC REPROGRAMMING	İpek Bulut, Buse Cevatemre, Adam Lee , Arasu Ganesan, Ceyda Açılan Ayhan
36	Development of Vaccine Specific to Herpes Simplex Virus 3? "An Immunoinformatics Approach"	Elif Cireli, Levent Cavas

37	Risk Assessment of Taste Masked Orally Disintegrating Tablets of Dexketoprofen	Yagmur Piringçi, Burcu Mesut, Yıldız Özsoy, Kaan Yetilmezsoy
38	Virtual screening in drug-likeness and quantitative structure-activity relationship of Thieno[2,3-d]pyrimidines derivatives as anticancer drugs	Khelfaoui Hadjer and Harkati Dalal
39	Determination Of The Amount Of Astaxanthin In Salmon Fishes, Which Is Produced In Turkey And Norway By Using HPLC	Aydin Tolgahan, Erdogan Gulbin
40	Antioxidant Activities of <i>Ganoderma Lucidum</i> Using Different Methods	Yesim Karaboga, Gulbin Erdogan
41	QSAR INVESTIGATIONS OF SERIES OF NITOBENZOXADIAZOLE DERIVATIVES TARGETING HUMAN GST AND IDENTIFICATION OF NOVEL COMPOUNDS	ALMI Imane, ZARROUG Anfel, BELAIDI Salah
42	Brominated Plastoquinone Analogs: Synthesis and Antimicrobial Evaluation	A. F. Tuyun, M. Yıldız, N. Bayrak, H. Yıldırım, E. Mataracı-Kara, and B. Özbek-Çelik
43	Chitosan-based Scaffold for Controlled Release of Acetylsalicylic acid	Burcu Yeğiner, Oya G. Atıcı
44	Determination of Proteins Compatible with Allometric Scaling Relation between Genes and Proteins Lengths, Along with Their Encoding Gene Lengths	Yekbun Adiguzel
45	Investigation of Loading of Anesthetic Drugs on MFI Type Zeolite Structures by Monte Carlo Simulations	Özlem Keleş, Özge Kürkçüoğlu Levitas
46	Synthesis, in vitro cytotoxic activity and DNA interactions of new platinum(II) complexes with 1-substitutedimidazole as carrier ligands	Özge ERYİĞİT Semra Utku, Leyla AÇIK, Nebahat Aytuna ÇERÇİ
47	New Copper and Vanadium Complexes as Anticancer Agents	Buse Cevatemre, İpek Bulut, Nádia Ribeiro, João Costa Pessoa, Isabel Correia, Ceyda Açılan Ayhan
48	Molecular docking of binding of a lectin to β -galactosides of coagulation factors IXa/Xa: Anticoagulation mechanism	Chérifi F, Saoud S, Kiheli H, Ameziani M and Laraba-Djebari F
49	Identification of allostery in CREB-Binding Protein via using pairwise residue interaction energy method	Metin YAZAR, Pemra ÖZBEK SARICA
50	Reducing Power Antioxidant Activity of Lucerne Plant	Esmahan Alici, Gulnur Arabaci

51	Purification of Protease from Strawberry by Affinity Chromatography	Esmâ Hande Alici, Gulnur Arabaci
52	Analysis of the chelating activity of iron (II) ions in a Fresh liver (<i>Salvia Officinalis</i>)	Rana Arıduru, Gülnur Arabaci
53	QUANTITATIVE STRUCTURE - ACTIVITY (QSAR) RELATIONSHIP: QUANTITATIVE STUDY FOR A SERIES OF BIOACTIVE MOLECULES OF 2-PHENYLINDOLE-3-CARBALDEHYDE.	<i>Saghiri Khadidj; Melkemi Nadji</i>
54	Synthesis, Characterization and Cytotoxic Activity of Pt(II) Complexes Containing Imidazole and Benzimidazole Ligands	Emine Merve Ertuğrula , Semra Utkua, Leyla AÇIKb, Nebahat Aytuna ÇERÇİ
55	Synthesis and evaluation of heterocyclic derivatives as antitubercular agents with InhA inhibition properties	Mokhtar Fodili, Bachar Rébat Moulkrere, Nadji Belkheiri, Mohamed Amari, Pascal Hoffmann
56	Combinatorial Effects of Two mTOR Inhibitors on MCF-7 Cell Lines	Melike KARADENİZ, Pınar MEGA TİBER, Oya ORUN
57	Synthesis of Potential New Carbazole Based Telomerase Inhibitors	Can Berk YEKEDÜZ, M.Yavuz ERGÜN
58	Molecular Modeling of Pesticide – Androgen Receptor Interactions	Onur Serçinoğlu, Ceyhan Bereketoglu, Ajay Pradhan
59	EFFECT OF YK-4-279 SMALL MOLECULE INHIBITOR ON EXPRESSION OF TMPRSS4 PROTEASE AND SOX2, KLF-4, NANOG, C-MYC STEM CELL MARKERS IN A549 AND H596 LUNG CANCER CELLS	İrem Polat, Aylin Domanıku, Barış Sergi, Gülay Bulut
60	The Inhibition of Autophagy and Hedgehog Pathway Leads to a Decrease in the Proliferation of Cholangiocarcinoma	Nihan Aktas, Emel Basak Gencer Akcok, Mona El Khatib
61	SYNTHESIS OF POTENTIAL COX-2 SELECTIVE IBUPROFEN DERIVATIVES	Ebru AYDIN, Cevher GÜNDOĞDU HIZLİATEŞ
62	Role of Combinational Treatment with YK-4-279 and Gemcitabine on Epithelial Mesenchymal Transition in H1944 Non- Small Lung Cancer Cell Line	Gamze Gizir, Sara Alkhatib, Gülay Bulut
63	Designing an Orally Disintegrated Film Formulation Containing Ondansetron In Quality By Design Perspective	Feride Demirkol, Burcu Mesut, Mohammed Kalayi, N. Buket Aksu
64	Evaluation of cytotoxic and genotoxic effects of potent water-soluble zinc phthalocyanines	Seyma Isik, Mukaddes Özcesmeci, Ayfer Kalkan Burat, Esin Hamuryudan, Zelal Adiguzel, Melis Denizci Oncü, B. Koray Balcioglu, Aylin Ozdemir

		Bahadir, H. Umit Ozturk, Filiz Kaya, Berrin Erdag, Ozge Can, Muge Serhatli
65	Molecular Dynamics simulation of candesartan interacting with AT1R in different protonation states	Kalliopi Moschovou, Sofia Kiriakidi, Thomas Mavromoustakos
66	THE NEW ROUTE TO SYNTHESIS OF NEW DERIVATIVES OF TOPOISOMERASE INHIBITOR ELLIPTICINE DERIVATIVES	Serkan ÖNCÜOĞLU, Mustafa Yavuz ERGÜN
67	QSAR, Molecular Docking and Design Study of Phenylalkylamines as 5-HT2A Receptor Aganist Ligands	İpek YILMAZ, Sevim Fulin AKYOL, Ege KAYNAR and Erol EROĞLU
68	Design and Synthesis of Novel Caffeic Acid Phenethyl Ester (CAPE) Derivatives and Their Anti-Cancer Activity in Glioblastoma Multiforme (GBM) Cancer Cell Lines	Elif Beyza KOC, Bilgesu Onur SUCU, Ozgecan SAVLUG IPEK, Melike Aybala GUZEL, Kerem Ayberk GUZEL, Zahit Erdem PAZARLIOGLU, Mustafa DIZMAN, Omer Faruk SEVIM, Furkan ALMAS, Afranur MIRAT, Nihal KARAKAS, Salih GENCER, and Mustafa GUZEL
69	Impact of Ceramide on Primary Cilia Length and Tumor Metastasis in HNSCC Cells	Tarik ÖZTUZCU, Serdar DURDAĞI, Besim OĞRETMEN, Salih GENCER
70	THE DISCOVERY OF NOVEL HETEROCYCLIC ANTICANCER AGENTS FOR THE TREATMENT OF GLIOBLASTOMA MULTIFORME (GBM)	Afranur MİRAT, Furkan ALMAS, Elif Beyza KOÇ, Bilgesu Onur SUCU, Ozgecan SAVLUG IPEK, Kerem Ayberk GUZEL, Zahit Erdem PAZARLIOGLU, Mustafa DIZMAN, Omer Faruk SEVIM, Berna DOĞAN, Şerife YERLİKAYA, Salih GENCER, Serdar DURDAGI, and Mustafa GUZEL
71	Synthesis and Characterization of Photoresponsive Amphiphilic Star Copolymers as Drug Carriers	Fatih Genç, Binnur Aydoğan Temel
72	Effect of Synthesized Arachidonic Acid Carbamate Derivatives on Acetylcholinesterase: Molecular Docking Analysis and ADME	Deryanur KILIC, Tugce N. KALIN, Fatma ARSLAN, Ozlem COLAK and Aliye ALTUNDAS

73	Using Atomic Charges to Describe Carboxylic Acid pK_a 's in Peptides	Zeynep Pınar Haşlak, İlknur Doğan, Viktorya Aviyente, Gérald Monard
74	Comparison of Two Novel Endo- β -N-acetylglucosaminidase Enzymes of <i>Bifidobacterium longum subsp. infantis</i>	Hatice DUMAN, Sercan KARAV, Arif Sercan ŞAHUTOĞLU
75	Investigation of Role of Fluorine Atoms in the Activity of Well-Known Fluorine Containing Marketed Drugs: DFT and Docking Studies	Yıldız Aydın, Yusuf Serhat İş, Serdar Durdağı, Mine Yurtsever
76	Development of genome-scale metabolic model for <i>Daphnia pulex</i>	Selma Basibuyuk, Mustafa Sertbas, Kutlu O. Ulgen
77	A Novel Hydrogenation of Nitroarene Compounds in The Presence of BINAP.PdCl ₂ in Aqueous Medium	Nursefa Zengin, Haydar Göksu
78	Investigation of structural and dynamic effects of novel pathogenic variants on SERCA1 using multiscale computational approaches	Rosanne Sprute, Busecan Aksoydan, Serdar Durdagi, Hülya-Sevcan Daimagüler, Piraye Oflazer-Serdaroglu, Uluc Yis, Haicui Wang, Sebahattin Cirak
79	Targeted <i>In Silico</i> Screening For Small Molecules Against Breast Cancer	Lalehan Oktay, Umut Yücel, Alpsu Olkan, and Serdar Durdağı
80	Novel Fibroblast growth factor receptor-2 (FGFR-2) blockers using integrated machine learning and molecular modeling approaches	Asena Himmetoglu and Serdar Durdagi
81	Identification of Novel Anti-diabetic Molecules Using Integration of Ligand-Based and Structure- Based Molecular Modelling Techniques	Ilayda TOLU, Alpsu OLKAN, Serdar DURDAGI
82	<i>In silico</i> Drug Re-purposing Study for the Treatment of Alzheimer's Disease	Hind Al-Janabi, Barbaros Nalbantoglu, and Serdar Durdagi
83	Structure-Based Virtual Screening and Molecular Dynamics Simulation for the Identification of Novel Peptidomimetic Inhibitors Against Glioblastoma	Mine Isaoglu, Serdar Durdagi, Medine Gulluce