

CONTENTS

Research Articles

- 359 Design and Assessment of a Microemulsion-Based Transdermal Drug Delivery System for Meloxicam; Examination of Formulation Ingredients
Anayatollah SALIMI*, **Ramin NOORAFROOZ****, **Maryam FOULADI*****, **Saeed Mohammad SOLEYMANI****°**
- 373 Evaluation of The Effect of Topotecan, Carvacrol, Epigallocatechin Gallate and Their Combination on Apoptotic Process in Neuroblastoma and Astrocyte Cells
Çağatay OLTULU*°, **Melek AKINCI****, **Elvan BAKAR*****
- 385 Development and Characterization of Nanofiber Strip Containing Sertraline for Buccal Application
Kutsal ÖZCAN*, **Eylül Su SARAL ACARCA****, **Sibel ILBASMIS-TAMER***°**
- 395 Synthesis and Biological Evaluation of Novel Paracetamol-Triazole Conjugates
Necla KULABAŞ*, **Merve GÜRBOĞA****, **Özlem BİNGÖL ÖZAKPINAR*****, **Jianyang LIU******, **Per-Johan JAKOBSSON*******, **Özkan DANIŞ*******, **Ayşe OGAN*******, **İlkay KÜÇÜKGÜZEL*****°**
- 411 Interpretable QSAR Modelling for QSAR-Based Virtual Screening of 3H-Thiazolo[4,5-b]pyridin-2-one Derivatives as Potential Antioxidant Drug Candidates
Olena KLENINA*°
- 431 Phase Transformation of Anhydrous to Dihydrate Carbamazepine: Preparation and Comparative Characterization
Kamlesh WADHER*°, **Vaishnavi RAUT****, **Keshav HIRAVE*****, **Sagar TRIVEDI******, **Milind UMEKAR*******
- 443 Anticancer Potential of Novel Nanoemulgel Formulations in Melanoma
Selin Seda TİMUR*°
- 459 Synthesis of Some Novel Schiff Base Derivative 5-Substituted-4-Amino-1,2,4-Triazole-3-one Compounds with Potential Lipase Inhibition Activity
Yaren KAHVECİ*, **İnci Selin DOĞAN**°**, **Şeyda KANBOLAT*****, **Bahittin KAHVECİ******
- 469 Gene Delivery to Triple-Negative Breast Cancer Cells by Folic Acid-Polyethyleneimine Polyplexes
Devrim DEMIR-DORA *,,***°**

- 481 NLRP3 Expression in Peripheral Blood Mononuclear Cells of Patients with Rheumatoid Arthritis
Sezen Yılmaz SARIALTIN*^o, Orhan KÜÇÜKŞAHİN, Cemil NURAL***, Leyla Didem KOZACI****, Pınar KAYGIN*****, Gülçin GÜLER ŞİMŞEK*****, Serpil OĞUZTÜZÜN***** , Tülay ÇOBAN *******
- 493 Drug Administration via Feeding Tube in Intensive Care Unit: A Cross-Sectional Study
Nursel SÜRME LİOĞLU*^o, Yaren İLERİ, Murat GÜNDÜZ***, Dilek ÖZCENGİZ******
- 501 Association of Inflammatory Parameters with Survival in Gastric Cancer Patients Underwent Subtotal and Total Gastrectomy
Bercis Imge UCAR*^o, Muhammed Alperen TAŞ, Hüseyin Emre ARSLAN***, Mehmet Fatih EKICI****, Sezgin ZEREN*******
- 513 In Silico and In Vitro Anticancer Effects of Caffeic Acid Phenethyl Ester on Pancreatic Adenocarcinoma Cells
Zübeyde TANRIVERDİ*, Burak KUZU, Ergül EYOL***, Fuat KARAKUŞ*****^o**
- 523 Metabolomic Studies in Girls With Central and Peripheral Precocious Puberty
AylinBALCIOZYURT*,TubaREÇBER,EmirhanNEMUTLU***,AyseDeryaBULUS****, Sedef KIR***** , Belma KOCER-GUMUSEL *****^o, Pinar ERKEKOGLU*****^o**
- 539 Hydrogen Sulfide Promotes Wound Healing by Attenuating Reactive Oxygen Species in Fibroblasts under Hyperglycemic Conditions
Merve DENİZALTI *^o
- 549 Phenethyl isothiocyanate Regulates the Cancer Stem Cell Phenotype of SNU449 Hepatocellular Carcinoma Cells via STAT3-CD44 Axis
Basri SATILMIŞ*^o

Review Article

- 561 Mucoadhesive Drug Delivery Systems for Pediatric and Geriatric Patients
Arya RAI*, Shristhi Sohan RAWAT, Ritu RATHI***, Deepika RAINA****, Oluwatoyin Adepeju ODEKU*****, Inderbir SINGH*****^o**