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Learning Knowledge

Doctorate
2020 - Continues

Sivas Cumhuriyet University, Sağlık Bilimleri Enstitüsü, Turkey

Postgraduate
2017 - 2020

Sivas Cumhuriyet University, Sağlık Bilimleri Enstitüsü, Turkey

Undergraduate
2012 - 2016

Sivas Cumhuriyet University, Fen Fakültesi, Biyokimya Bölümü, Turkey

Certificates, Courses and Trainings

Health&Medicine, Gaz Kromatografisi-Kütle Spektrometresi ve Gaz Kromatografisi-Alev İyonlaştırma Dedektörü (GC-MS ve GC-FID), SİVAS CUMHURİYET ÜNİVERSİTESİ, 2022

Health&Medicine, Yüksek Performanslı Sıvı Kromatografisi (HPLC) Kursu, Sivas Cumhuriyet Üniversitesi İleri Teknoloji Uygulama ve Araştırma Merkezi, 2022

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, Sivas Cumhuriyet Üniversitesi, 2021

Health&Medicine, Flow sitometri: Örnek Almadan Raporlamaya Kursu, Türk Biyokimya Derneği, 2021

Dissertations

Postgraduate, Prostat kanseri tedavisine yönelik paklitaksel ve doksorubisin ile modifiye edilmiş nano taşıyıcı ilaç sistemlerinin DUSP genlerin ekspresyon düzeyleri üzerine etkisi, Sivas Cumhuriyet University, Sağlık Bilimleri Enstitüsü, 2020

Academic Titles / Tasks

Lecturer
2021 - Continues

Sivas Cumhuriyet University, Yıldızeli Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri

Awards

1. Pazarıcı Ö., Taşkın Kafa A. H., Taş A., Keklikcioğlu Çakmak N., Hasbek M., Kılınç S., Tunçbilek Z., N-asetil sistein ve carvacrol kombinasyonu: S. aureus enfeksiyonlarına yeni bir terapötik yaklaşım mı?, Prof. Dr. Zeki Korkusuz Temel Bilimler Araştırma Ödülü (Türk Ortopedi Ve Travmatoloji Birliği Derneği), October 2022

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Assessment of the antimicrobial and antibiofilm activity of the combination of N-acetyl cysteine and carvacrol against Staphylococcus aureus, the most common orthopedic infectious agent**
Pazarıcı Ö., Taşkın Kafa A. H., Taş A., Keklikcioğlu Çakmak N., Hasbek M., Kılınç S., Tunçbilek Z.
MICROBIAL PATHOGENESIS, vol.196, pp.1-8, 2024 (SCI-Expanded)
2. **Anticancer activity, hTERT expression and telomere length analysis in SH-SY5Y neuroblastoma cell lines applied to docetaxel**
İNANDIKLIOĞLU N., TAŞ A., Agbektas T., Tuncbilek Z., Raheem K. Y., Cinar G., SİLİĞ Y.
Journal of Molecular Structure, vol.1273, 2023 (SCI-Expanded)
3. **Cytotoxic effect, spectroscopy, DFT, enzyme inhibition, and molecular docking studies of some novel mesitylamino propanols: Antidiabetic and anticholinergics and anticancer potentials**
Khalilov A. N., TÜZÜN B., Taslimi P., TAŞ A., TUNÇBİLEK Z., Cakmak N. K.
JOURNAL OF MOLECULAR LIQUIDS, vol.344, 2021 (SCI-Expanded)

Articles Published in Other Journals

1. **INVESTIGATION OF THE EFFECT OF COMPOUND B-47/2 CONTAINING AZOMETHINE GROUP ON ANGIOGENESIS**
BUCAK E. T., TUNÇBİLEK Z., HUSEYNZADA A., AGHAYEV M., HASANOVA U., TAŞ A., SİLİĞ Y.
Cumhuriyet Tıp Dergisi (ELEKTRONİK), vol.44, no.4, pp.343-347, 2022 (Peer-Reviewed Journal)

Books & Book Chapters

1. **İlaç Toksisitesi**
TUNÇBİLEK Z.
in: İlaç Dünyasında Güncel Gelişmeler, TABANLIGİL CALAM TUĞBA, TAŞKIN GÜLŞEN, Editor, Gazi Kitabevi, Ankara, pp.97-129, 2024
2. **OVERVIEWS OF MEDICINAL PLANTS EFFECTIVE ON DIABETES**
TUNÇBİLEK Z., TAŞ A.
in: MEDICINAL PLANTS: SECONDARY METABOLITIES, UTILIZATION, HUMAN HEALTH-I, Gülen ÖZYAZICI, Esra UÇAR, Editor, Iksad Publications, Ankara, pp.91-115, 2023
3. **THERAPEUTIC APPROACH TO MEDICINAL PLANTS EFFECTIVE IN OBESITY AND THEIR MECHANISMS**
TUNÇBİLEK Z.
in: MEDICINAL PLANTS: SECONDARY METABOLITIES, UTILIZATION, HUMAN HEALTH-I, Gülen ÖZYAZICI, Esra UÇAR, Editor, Iksad Publications, Ankara, pp.117-148, 2023

Refereed Congress / Symposium Publications in Proceedings

1. **INVESTIGATION OF THE EFFECT OF COMBINED TREATMENT OF MENTHA LONGIFOLIA L. ON CELL CYCLE IN COLON CANCER**
KABAK G., TUNÇBİLEK Z., TAŞ A., SİLİĞ Y.

3RD INTERNATIONAL CONGRESS ON FOOD RESEARCHES, Sivas, Turkey, 16 October 2024, pp.169-170

2. **THE EFFECT OF COMPOUND B-84 CONTAINING AZOMETHINE GROUP ONNQ01 GENE**
Uygun S., Zontul C., Tunçbilek Z., Gürleyük E. C., Huseynzada A., Guliyev R., Ganbarova R., Hasanova U., Taş A., Siliğ Y.
4th International Cancer Days, Sivas, Turkey, 28 - 30 September 2023, pp.216
3. **Combination Of N-Acetyl Cysteine And Carvacrol: Is It A New Therapeutic Approach Against The Most Common Orthopedic Infection Agent Staphylococcus Aureus?**
PAZARCI Ö., TAŞKIN KAFA A. H., TAŞ A., KEKLİKÇİOĞLU ÇAKMAK N., HASBEK M., KILINÇ S., TUNÇBİLEK Z.
24th EFORT Annual Congress Vienna 2023, Viyana, Austria, 24 - 26 May 2023
4. **ANTICANCER ACTIVITY AND hTERT GENE EXPRESSION ANALYSIS IN SH- SY5Y NEUROBLASTOMA CELL LINES APPLIED TO DOCETAXEL**
İNANDIKLIOĞLU N., TAŞ A., AĞBEKTAŞ T., TUNÇBİLEK Z., SİLİĞ Y.
2nd International Cancer Days, Turkey, 26 October 2021
5. **N-Asetil sistein ve carvacrol kombinasyonu:S. Aureus enfeksiyonlarına yeni bir terapötik yaklaşım mı?**
PAZARCI Ö., TAŞKIN KAFA A. H., TAŞ A., KEKLİKÇİOĞLU ÇAKMAK N., HASBEK M., KILINÇ S., TUNÇBİLEK Z.
31. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, Antalya, Turkey, 25 - 30 October 2022, vol.56, pp.71
6. **EFFECT OF SCHIFF BASE CONTAINING MOLECULE ON FOX GENES FAMILY**
ZONTUL C., TUNÇBİLEK Z., GANBAROVA R., HUSEYNZADA A., HASANOVA U., TAŞ A., HASBEK Z., SİLİĞ Y.
3th International Cancer Days, Sivas, Turkey, 15 - 17 September 2022, pp.287
7. **INVESTIGATION OF THE EFFECT OF COMPOUND B-47/2 CONTAINING AZOMETHINE GROUP ON ANGIOGENESIS**
Bucak E. T., Tunçbilek Z., Huseynzada A., Agayev M., Hasanova U., Taş A., Siliğ Y.
3th International Cancer Days, Sivas, Turkey, 15 September 2022, pp.284
8. **EFFECT OF CARBONITRILE-BASED COMPOUND ON OXIDATIVE STRESS RELATED GENES IN LUNG CANCER CELLS**
Tunçbilek Z., Ağbektas T., Taş A., Tüzün B., Siliğ Y.
3. International Cancer Days, Sivas, Turkey, 15 - 17 September 2022, pp.290
9. **ANTICANCER ACTIVITY AND EXPRESSION LEVELS OF DUSP GENES OF DOXORUBICIN AND PACLITAXEL DRUGS LOADED ON THE NANOCARRIER SYSTEM IN PROSTATE CANCER**
TUNÇBİLEK Z., TAŞ A., KEKLİKÇİOĞLU ÇAKMAK N., SİLİĞ Y.
TBS International Biochemistry Congress 2021 - 32nd National Biochemistry Congress, Gaziantep, Turkey, 27 - 30 October 2021, vol.46, no.2
10. **ANTICANCER ACTIVITY AND hTERT GENE EXPRESSION ANALYSIS IN SHSY5Y NEUROBLASTOMA CELL LINES APPLIED TO DOCETAXEL**
İNANDIKLIOĞLU N., TAŞ A., AĞBEKTAŞ T., TUNÇBİLEK Z., SİLİĞ Y.
II. INTERNATIONAL CANCER DAYS, Sivas, Turkey, 16 September 2021, pp.289
11. **SYNTHESIS AND CHARACTERIZATION OF PEGYLATED TITANIUM OXIDE NANOCARRIER BASED CANCER DRUGS AND EVALUATION OF ANTICANCER ACTIVITY AND BIOCHEMICAL PARAMETERS ON PROSTATE CANCER**
TAŞ A., KEKLİKÇİOĞLU ÇAKMAK N., TUNÇBİLEK Z., TULİMAT M., EROĞLU A., ÖZMEN E., SİLİĞ Y.
II. INTERNATIONAL CANCER DAYS, Sivas, Turkey, 16 September 2021, pp.318
12. **A STUDY ON ANTICANCER ACTIVITY OF EXTRACT Sideritis libanotica ON HUMAN CERVICAL CELLS**
GÜÇLÜ G., TAŞ A., TUNÇBİLEK Z., ERUYGUR N., SİLİĞ Y.
I. INTERNATIONAL CANCER DAYS, 19 - 21 September 2019
13. **IN VITRO STUDY OF ANTICANCER ACTIVITY OF Stevia rebaudiana ETHANOL EXTRACT ON CERVICAL CANCER CELLS**
TAŞ A., GÜÇLÜ G., TUNÇBİLEK Z., UÇAR SÖZMEN E., SİLİĞ Y.
I. INTERNATIONAL CANCER DAYS, 19 - 21 September 2019
14. **ANTICANCER ACTIVITY OF METHANOL AND WATER EXTRACTS OF Sideritis libanotica ON HUMAN OSTEOSARCOMA CANCER CELL LINES**
TAŞ A., GÜÇLÜ G., TUNÇBİLEK Z., ERUYGUR N., SİLİĞ Y.

Courses

Laboratuvar Teknikleri, Associate Degree, 2021 - 2022
Adli Kimya, Associate Degree, 2021 - 2022
Kromatografik Yöntemler, Associate Degree, 2021 - 2022
Kimyasal Analiz, Associate Degree, 2021 - 2022
Tıbbi Terminoloji, Associate Degree, 2021 - 2022

Memberships / Tasks in Scientific Organizations

TÜRK BİYOKİMYA DERNEĞİ, Member, 2021 - Continues, Turkey

Metrics

Publication: 23
Citation (WoS): 12
Citation (Scopus): 43
H-Index (WoS): 1
H-Index (Scopus): 1

Research Areas

Health Sciences, Biochemistry