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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Anadolu University, Sağlık Bilimleri Enstitüsü, Biyokimya Anabilim Dalı, Turkey 2015 - 2021

Postgraduate, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Biyokimya (YI) (Tezli), Turkey 2013 - 2015

Undergraduate, Akdeniz University, Fen Fakültesi, Kimya Bölümü, Turkey 2007 - 2011

Dissertations

Doctorate, Hipoksi koşullarda kanser hücrelerinin glukoz metabolizması ve apoptozunun incelenmesi, Anadolu University, ECZACILIK FAKÜLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2021

Postgraduate, Hedeflendirilmiş kanser tedavisinde vinkristin ve ε-viniferin yüklü polimerik nanopartiküllerin hazırlanması, karakterizasyonu ve in vitro uygulamaları, Anadolu University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Biyokimya (YI) (Tezli), 2015

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Anadolu University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2023 - Continues

Research Assistant, Anadolu University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2013 - 2023

Courses

Metabolizma I, Postgraduate, 2023 - 2024

Genel Biyoloji, Undergraduate, 2022 - 2023

Moleküler Biyoloji, Undergraduate, 2023 - 2024

Kanita Dayalı Eczacılık ve Araştırma IV, Undergraduate, 2021 - 2022

Mezuniyet Projesi II, Undergraduate, 2021 - 2022

Biyokimya Uygulamaları (B), Undergraduate, 2021 - 2022

Biyokimya Uygulamaları (A), Undergraduate, 2021 - 2022

Klinik Biyokimya ve Uygulamaları, Associate Degree, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Aglycemia induces apoptosis under hypoxic conditions in A549 cells**
ÖĞÜNÇ KEÇECİ Y., Incesu Z.
CELL BIOCHEMISTRY AND FUNCTION, vol.42, no.2, 2024 (SCI-Expanded)
- II. **Mitochondrial oxidative phosphorylation became functional under aglycemic hypoxia conditions in A549 cells**
ÖĞÜNÇ KEÇECİ Y., Incesu Z.
MOLECULAR BIOLOGY REPORTS, vol.49, no.9, pp.8219-8228, 2022 (SCI-Expanded)
- III. **Resveratrol increases the sensitivity of breast cancer MDA-MB-231 cell line to cisplatin by regulating intrinsic apoptosis**
ÖZDEMİR F., Sever A., ÖĞÜNÇ KEÇECİ Y., Incesu Z.
IRANIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.24, no.1, pp.66-72, 2020 (SCI-Expanded)
- IV. **Apoptotic effects of epsilon-viniferin in combination with cis-platin in C6 cells**
ÖZDEMİR F., Apaydin E., Onder N. I., Sen M., Ayrim A., ÖĞÜNÇ KEÇECİ Y., Incesu Z.
CYTOTECHNOLOGY, no.3, pp.1061-1073, 2018 (SCI-Expanded)
- V. **ALTERATIONS IN mRNA EXPRESSION OF APOPTOSIS-RELATED GENES AFTER TREATMENT OF SKOV-3 CELLS WITH CARDAMONIN**
Sari-Kilicaslan S. M., ÖĞÜNÇ KEÇECİ Y., Apaydin E., Incesu Z.
FRESENIUS ENVIRONMENTAL BULLETIN, no.12A, pp.8787-8795, 2018 (SCI-Expanded)
- VI. **Vincristine and ε-viniferine-loaded PLGA-b-PEG nanoparticles: pharmaceutical characteristics, cellular uptake and cytotoxicity**
Ogunc Y., DEMİREL M., YAKAR A., Incesu Z.
JOURNAL OF MICROENCAPSULATION, no.1, pp.38-46, 2017 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of different metabolic conditions on lactic acid production of A549 lung cancer cells**
ÖĞÜNÇ KEÇECİ Y., SELLER Z.
II. International Halich Congress on Multidisciplinary Scientific Research, İstanbul, Turkey, 29 October 2021
- II. **The effect of different metabolic conditions in hypoxia on caspase-3 activity of A549 cell line**
ÖĞÜNÇ KEÇECİ Y., SELLER Z.
MAS 15th International European Conference on Mathematics, Engineering, Natural& Medical Sciences, Adana, Turkey, 07 August 2021
- III. **Effects of the combination of [curcumin+carboplatin] on caspase-3 activity and mitochondrial membrane potential in A549 cell line**
ÖZDEMİR F., ÖĞÜNÇ KEÇECİ Y., SELLER Z.
3th International Aegean Symposiums on Natural & Medical Sciences, İzmir, Turkey, 12 - 13 March 2021
- IV. **Apoptotic effects of carboplatin, curcumin and their combinations on lung cancer**
ÖĞÜNÇ KEÇECİ Y., ÖZDEMİR F., SELLER Z.
3. International Aegean Symposiums on Natural & Medical Sciences, İzmir, Turkey, 12 - 13 March 2021
- V. **Effects of [Curcumin+Carboplatin] Combination on Caspase-3 Activity and Mitochondrial Membrane Potential in A549 Cell Line.**
ÖZDEMİR F., ÖĞÜNÇ KEÇECİ Y., SELLER Z.
International Aegean Symposium on Natural & Medical Sciences, Turkey, 12 March 2021
- VI. **Apoptotic effects of folate-conjugated PLGA- PEG nanoparticles loaded with dual agents on HepG2 cells**

- ÖĞÜNÇ KEÇECİ Y., DEMİREL M., SELLER Z.
The 44th FEBS Congress, Krakow, Poland, 6 - 11 July 2019, vol.9, pp.65-431
- VII. **Caspase Activation and Mitochondrial Membrane Potential on Combination of Cisplatin with Resveratrol in Breast Cancer**
Sever A., ÖZDEMİR F., ÖĞÜNÇ Y., SELLER Z.
4. International Congress on Applied Biological Sciences (ICABS), 3 - 05 May 2018
- VIII. **Synthesis and Characterizations of Folate-Conjugated PLGA-PEG Nanoparticles Loaded with Dual Agents**
ÖĞÜNÇ Y., DEMİREL M., İNCESU Z.
2nd International Conference on Natural Products for Cancer Prevention and Therapy, Kayseri, Turkey, 8 - 11 November 2017
- IX. **SKOV 3 cells binding to fibronectin induce mitochondrial apoptotic pathway after stimulation of endoplasmic reticulum stress**
ÖĞÜNÇ Y., ayrılm a., SELLER Z.
6.multidisipliner kanser araştırma kongresi, Konya, Turkey, 27 - 30 October 2016
- X. **Characterization of vincristine sulfate and viniferine loaded polymeric nanoparticles and cell viability studies**
ÖĞÜNÇ Y., DEMİREL M., SELLER Z.
International Multidisciplinary Symposium On Drug Research and Development, Eskişehir, Turkey, 15 - 17 October 2015
- XI. **Characterization of Vincristine Sulfate and Viniferine Loaded Poymeric Nanoparticles and Cell Viability Studies**
ÖĞÜNÇ Y., DEMİREL M., İNCESU Z.
15 International Multidisciplinary Symposium on Drug Research and Development, Turkey, 15 - 17 October 2015
- XII. **Preparation and in vitro characterization of viniferine and vincristine sulfate loaded PLGA b PEG nanoparticles**
ÖĞÜNÇ Y., DEMİREL M., YAKAR A., SELLER Z.
1st International Conference on Natural Products for Cancer Prevention and Therapy, İstanbul, Turkey, 31 August - 02 September 2015
- XIII. **Preparation and in vitro characterization of e viniferine and vincristine sulfate loaded PLGA b PEG nanoparticles**
ÖĞÜNÇ Y., DEMİREL M., YAKAR A., SELLER Z.
International Conference on Natural Products for Cancer Prevention and Therapy, 31 August - 02 September 2015
- XIV. **Kanserde Apoptoz Yolağının Doğal Bileşikler İle Hedeflenmesi**
ÖĞÜNÇ Y., SELLER Z.
Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Afyon, Turkey, 21 - 24 August 2015
- XV. **Endoplazmik Retikulum Stresinin İndüklediği Apoptoz Mekanizması**
ÖĞÜNÇ Y., SELLER Z.
Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Afyon, Turkey, 21 - 24 August 2015

Supported Projects

- ÖĞÜNÇ KEÇECİ Y., Project Supported by Higher Education Institutions, A549 hücrelerinde hipoksi koşullarının apoptoza olan etkilerinin incelenmesi, 2019 - 2022
- ÖĞÜNÇ KEÇECİ Y., Project Supported by Higher Education Institutions, Hipoksi koşullarda kanser hücrelerinin glukoz metabolizması ve apoptozunun incelenmesi, 2019 - 2022
- Sarı Kılıçaslan S. M., Seller Z., TUBITAK Project, The relationship between CAPN-1/2 activity and cell migration ability in ovarian cancer cells adhered to fibronectin, 2018 - 2021
- ÖZDEMİR F., ÖĞÜNÇ KEÇECİ Y., Project Supported by Higher Education Institutions, Akciğer Kanserinde Kurkumin ve Karboplatin Kombinasyonunun Oksidatif Stres ve Apoptozdaki Rolü, 2018 - 2021

ÖZDEMİR F., ÖĞÜNÇ KEÇECİ Y., Project Supported by Higher Education Institutions, Meme Kanserinde Resveratrol ve Cisplatin Kombine Uygulamasının Apoptozdaki Rolü, 2017 - 2019

ÖĞÜNÇ KEÇECİ Y., Project Supported by Higher Education Institutions, Ovaryum Kanser Hücresinde Kalsiyum Mobilizasyonunun Apoptoz Üzerine Etkisi, 2017 - 2018

SARI KILIÇASLAN S. M., ÖĞÜNÇ KEÇECİ Y., Project Supported by Higher Education Institutions, İntegrin Aktivasyonu Sonrasında Kalsiyum-Bağımlı Apopoz Mekanizmasının Ovaryum Kanser Hücrelerinde İncelenmesi, 2013 - 2018

SELLER Z., ÖZDEMİR F., DEMİREL M., ÖĞÜNÇ KEÇECİ Y., Project Supported by Higher Education Institutions, Kombine Vinkristine e Viniferin Yüklü Folik Asit Modified Plga Peg Nanopartikül Sentezi Karakterizasyonu ve in Vitro Ortamda Etkisi, 2016 - 2016

SELLER Z., SARI KILIÇASLAN S. M., ÖĞÜNÇ KEÇECİ Y., Project Supported by Higher Education Institutions, Kardomoninin PEO 1 insan ovaryum kanser hücreleri üzerine etkileri, 2014 - 2015