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Education Information

Doctorate, Hacettepe University, Eczacılık Fakültesi, Farmasötik Toksikoloji Anabilim Dalı, Turkey 2003 - 2009

Postgraduate, Hacettepe University, Eczacılık Fakültesi, Farmasötik Toksikoloji Anabilim Dalı, Turkey 2000 - 2003

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 1996 - 2000

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, FORMALDEHİTE MARUZ İŞÇİLERİN İMMÜN VE GENETİK GÖSTERGELERİNİN İNCELENMESİ, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (YI) (Tezli), 2006

Postgraduate, TÜRKİYE'DE SATILAN KEKİK TÜRLERİ VE SULARI ÜZERİNE GENOTOKSİK ARAŞTIRMALAR, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (YI) (Tezli), 2003

Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Basic Sciences of Pharmacy, Professional Sciences, Pharmaceutical Toxicology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Resveratrol Protects Sepsis-Induced Oxidative DNA Damage in Liver and Kidney of Rats**
AYDIN DİLSİZ S., Sahin T. T., BACANLI M., Taner G., BAŞARAN A. A., AYDIN DİLSİZ S., Basaran N.
BALKAN MEDICAL JOURNAL, vol.33, no.6, pp.594-601, 2016 (Journal Indexed in SCI)

Books & Book Chapters

- I. **TOXICOLOGY**
Başaran A. N. (Editor), Baydar T. (Editor), Ündeğer Bucurgat Ü. (Editor), Aydın Dilsiz S. (Editor), Erkekoğlu Ü. P. (Editor), Girgin G. (Editor), Gümüşel B. (Editor), Gürbay A. (Editor), Özgüneş H. (Editor), Sabuncuoğlu S. (Editor), et al.

Hacettepe Üniversitesi Basımevi, Ankara, 2020

II. Effects of Phytochemicals Against Diabetes

BACANLI M., AYDIN DİLSİZ S., BAŞARAN A. A. , BAŞARAN A. N.

in: Advances in Food and Nutrition Research Volume:89, Fidel Toldra, Editor, Elsevier, pp.209-238, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Mesleki Maruziyetlerde Genotoksik Hasarın Değerlendirilmesinin Önemi,**
ANLAR H. G. , AYDIN DİLSİZ S., BACANLI M., BAŞARAN A. N.
Uluslararası Mesleki ve Çevresel Hastalıklar Kongresi, 3 - 07 March 2019
- II. **Yüksek Düzeyde Borik Asit ve Boratlara Maruz Kalmak Kadınlarda Gelişim Erkeklerde ise Üreme Toksikitesine Sebep Olabilir mi?**
DUYDU Y., BAŞARAN A. N. , ÜSTÜNDAĞ A., AYDIN DİLSİZ S., YALÇIN C. Ö. , ANLAR H. G. , BACANLI M., AYDOS K., ATABEKOĞLU C. S. , GOLKA K., et al.
IV. Ulusal Vektör Mücadelesi Sempozyumu, Antalya, Turkey, 1 - 04 November 2018
- III. **Interactions of pycnogenol with cisplatin on V79 cell viability**
AYDIN S., BECİT M., BAŞARAN A. A. , BAŞARAN A. N.
10th Congress of Toxicology in Developing Countries (10 th CTDC) and the 12th Serbian Congress of Toxicology, 18 - 21 April 2018
- IV. **Genotoxic Effects of Metformin in Human Cervix Adenocarcinoma Cells Using Comet Assay**
SARIAYDIN T., ÇAL T., AYDIN S., ÜNDEĞER BUCURGAT Ü., BAŞARAN A. N.
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- V. **Interactions of Pycnogenol with cisplatin on V79 Cell Viability**
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10th Congress of Toxicology in Developing Countries (CTDC10), Belgrade, Serbia And Montenegro, 18 - 21 April 2018
- VI. **Antigenotoxic effects of Pycnogenol in diabetic rats**
AYDIN DİLSİZ S., BACANLI M., GOKTAS H. G. , ÜNDEĞER BUCURGAT Ü., ARI N., BAŞARAN A. A. , BASARAN N.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 September 2017, vol.280
- VII. **Investigation of boron mediated reproductive and developmental effects in highly boron exposed population**
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- VIII. **Effects of curcumin on cisplatin cytotoxicity in HepG2 cells**
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- IX. **Assessment of cytotoxicity of pycnogenol in HepG2 cells treated with cisplatin**
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- X. **Apoptosis induction by 2-mercaptopropionic acid (2-MPA)-coated silver sulfide QD in human A549 cells**
VARDAR D. Ö. , AYDIN DİLSİZ S., HOCAOĞLU I., ACAR H. F. Y. , BASARAN N.
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- XI. **Epigenetic changes of 2-mercaptopropionic acid (2-MPA)-coated silver sulfide quantum dot in human cervical carcinoma cells**
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52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, Spain, 4 - 07 September 2016, vol.258
- XII. **Evaluation of the in vitro antioxidant, cytotoxic and genotoxic/antigenotoxic effects of resveratrol**
Taner G., AYDIN DİLSİZ S., Aytac Z., Basaran A. A. , Basaran N.
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- XIII. **Effects of curcumin on cisplatin cytotoxicity in HeLa cells**
AYDIN DİLSİZ S., Becit M., Basaran A., Basaran N.
52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, Spain, 4 - 07 September 2016, vol.258
- XIV. **Assessment of genotoxicity and antigenotoxicity of sinapic acid in human lymphocytes in vitro**
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51st Congress of the European-Societies-of-Toxicology (EUROTOX), Porto, Portugal, 13 - 16 September 2015, vol.238
- XV. **Genotoxicity of 2-mercaptopropionic acid-coated silver sulfide quantum dot**
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- XVI. **Effects of sinapic acid on MMC-induced micronucleus frequencies in V79 cell line**
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- XVII. **Comparison of cytotoxicity of curcumin, resveratrol and rosmarinic acid in different cell lines**
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- XVIII. **Effects of rosmarinic acid on oxidative stress parameters in livers and kidneys of sepsis induced wistar albino rats**
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- XIX. **Effects of selenium status on DNA damage in the lymphocytes and sperms of Aroclor 1254-exposed rats**
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- XX. **Effects of ferulic acid on oxidative stress parameters in livers and kidneys of Wistar albino rats**
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50th Congress of the European-Societies-of-Toxicology, Edinburgh, Saint Helena, 7 - 10 September 2014, vol.229
- XXI. **Cytotoxicity of pycnogenol and resveratrol in CHO and HeLa cell lines**
SARIGÖL Z., Taner G., AYDIN DİLSİZ S., BACANLI M., BAŞARAN A., Basaran N.
49th Congress of the European-Societies-of-Toxicology (EUROTOX), Interlaken, Switzerland, 1 - 04 September 2013, vol.221
- XXII. **Use of in vitro assays to assess the potential cytotoxic, genotoxic and antigenotoxic effects of vanillic acid**
Taner G., VARDAR D. Ö. , AYDIN DİLSİZ S., AYTAÇ Z., BAŞARAN A., Basaran N.
49th Congress of the European-Societies-of-Toxicology (EUROTOX), Interlaken, Switzerland, 1 - 04 September 2013, vol.221
- XXIII. **Antigenotoxic effects of ferulic acid on sepsis-induced DNA damage in the liver and kidney of Wistar albino rats**
Bacanli M., AYDIN DİLSİZ S., Taner G., Sahin T., Basaran A. A. , Basaran N.

49th Congress of the European-Societies-of-Toxicology (EUROTOX), Interlaken, Switzerland, 1 - 04 September 2013, vol.221

XXIV. Modulating effects of pycnogenol on sepsis induced DNA damage in the liver and renal tissue cells of rats

Taner G., AYDIN DİLSİZ S., BACANLI M., Sahin T., BAŞARAN A., Basaran N.

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XXV. Protective effects of curcumin on DNA damage induced by bile duct ligation

Taner G., Tokac M., Ozkardes A. B. , AYDIN DİLSİZ S., Basaran N.

47th Congress of the European-Societies-of-Toxicology, Paris, France, 28 - 31 August 2011, vol.205

XXVI. Genotoxic and antigenotoxic effects of pycnogenol in human lymphocytes assessed by the alkaline Comet assay

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47th Congress of the European-Societies-of-Toxicology, Paris, France, 28 - 31 August 2011, vol.205

XXVII. Assessment of DNA damage in the peripheral lymphocytes of patients with Parkinson's disease by the comet assay

Undeger U., Baydar M., AYDIN DİLSİZ S., Orhan G., Ak F., Basaran N.

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XXVIII. Evaluation of FSH, LH, total testosterone and PSA levels in highly boron exposed workers in Turkey

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46th Congress of the European-Societies-of-Toxicology, Dresden, Germany, 13 - 16 September 2009, vol.189

XXIX. Erum ochratoxin a levels in healthy Turkish subjects

Erkekoglu P., Atasayar S., AYDIN DİLSİZ S., ŞAHİN G., Giray B.

45th Congress of the European-Societies-of-Toxicology, Rhodes, Greece, 5 - 08 October 2008, vol.180

Supported Projects

ÜNDEĞER BUCURGAT Ü., Çal T., AYDIN DİLSİZ S., Project Supported by Higher Education Institutions, GENİSTEİNİN DNA HASARI ÜZERİNDEKİ ETKİLERİNİN KOLON KANSERİ HÜCRELERİNDE TEK HÜCRE JEL ELEKTROFOREZ COMET YÖNTEMİYLE DEĞERLENDİRİLMESİ, 2019 - 2022

ÜNDEĞER BUCURGAT Ü., BABACANOĞLU C., AYDIN DİLSİZ S., ÇAL T., Project Supported by Higher Education Institutions, AKRİLAMİD VE 5-HİDROKSİMETİLFURFURAL'İN OLASI GENOTOKSİK ETKİLERİNİN TEK HÜCRE JEL ELEKTROFOREZ YÖNTEMİ İLE İN VİTRO DEĞERLENDİRİLMESİ, 2019 - 2022

AYDIN DİLSİZ S., BECİT M., ÇELİK S., ÇİLEKAR Ş., Project Supported by Higher Education Institutions, Mermer İşçilerinde Genotoksik Etki Mekanizmalarının ve Oksidatif Stres ile İlişkili Değişikliklerin Değerlendirilmesi, 2020 - 2021

AYDIN DİLSİZ S., Korkmaz E., Project Supported by Higher Education Institutions, Nandrolonun Genotoksitesinin Tek Hücre Jel Elektroferez Tekniği ile İn Vitro İncelenmesi, 2019 - 2020

ÜNDEĞER BUCURGAT Ü., AYDIN DİLSİZ S., CANPINAR H., ÇAL T., ÖKÇESİZ A., Project Supported by Higher Education Institutions, PİTAVASTATİNİN OLASI APOPTOTİK ANTİOKSİDAN VE GENOTOKSİK ETKİLERİNİN İNSAN SERVİKS KANSER HÜCRE HATTINDA HELA DEĞERLENDİRİLMESİ, 2019 - 2020

ÜNDEĞER BUCURGAT Ü., AYDIN S., CANPINAR H., SARIAYDIN T., Project Supported by Higher Education Institutions, METFORMİNİN SİTOTOKSİK APOPTOTİK VE GENOTOKSİK ETKİLERİNİN İN VİTRO DEĞERLENDİRİLMESİ, 2017 - 2018

AYDIN DİLSİZ S., Project Supported by Higher Education Institutions, Serviks kanser hücre hatlarında sisplatin ve pknogenolün kombine etkilerinin incelenmesi, 2016 - 2018

AYDIN DİLSİZ S., Project Supported by Higher Education Institutions, 53. Uluslararası Avrupa Toksikoloji Dernekleri Kongresine Bilimsel Başarı Desteği ile Katılım, 2017 - 2017

AYDIN DİLSİZ S., Project Supported by Higher Education Institutions, Toksikoloji Derneği 56 Yıllık Toplantısına Bilimsel Başarı Desteği ile Katılım, 2017 - 2017

AYDIN DİLSİZ S., Project Supported by Higher Education Institutions, 13. Türkiye Eczacılık Kongresi'ne Bilimsel Etkinliklere Katılım Desteği İle Katılım, 2016 - 2017

BAŞARAN A. N. , AYDIN DİLSİZ S., BACANLI M., TUBITAK Project, Deneysel Diyabet Oluşturulan Wistar Albino Sıçanlarda Piktogenol Sinamik Asit Ursolik Asit ve Limonenin Oksidatif Stres ve Genotoksisite Üzerine Etkisi, 2014 - 2017

BAŞARAN A. N. , AYDIN DİLSİZ S., TUBITAK Project, Kuantum Nokta Nanopartiküllerin V79 Fibroblast Hücrelerinde Sitotoksisite ve Apoptoz Üzerine Etkilerinin Değerlendirilmesi, 2014 - 2017

AYDIN DİLSİZ S., Project Supported by Higher Education Institutions, 52 Uluslararası Avrupa Toksikoloji Dernekleri Kongresine Bilimsel Başarı Desteği ile Katılım, 2016 - 2016

AYDIN DİLSİZ S., Project Supported by Higher Education Institutions, 8 Uluslararası Nanotoksikoloji Kongresi'ne Bilimsel Başarı Desteği ile Katılım, 2016 - 2016

AYDIN DİLSİZ S., BAŞARAN A. A. , BAŞARAN A. N. , ZOR M., GÜNER N. D. , Project Supported by Higher Education Institutions, Paliurus spina-christi Mill.'in kateşinlerce zengin ekstresinin V79 hücrelerinde oksidatif DNA hasarı üzerine etkisi, 2015 - 2016

AYDIN DİLSİZ S., BAŞARAN A. N. , Project Supported by Higher Education Institutions, Sinapik asitin sitotoksik, genotoksik ve apoptoz üzerine etkilerinin in vitro değerlendirilmesi, 2014 - 2016

ERKEKOĞLU Ü. P. , AYDIN S., BAŞARAN A. N. , ZEYBEK N. D. , Project Supported by Higher Education Institutions, Selenyum Eksikliği Olan ve Selenyum Suplementasyonu Yapılan Sıçanlarda Aroklor 1254'ün Testiküler Oksidan/Antioksidan Statü Üzerindeki Etkilerinin Araştırılması, 2012 - 2016

AYDIN DİLSİZ S., Project Supported by Higher Education Institutions, 51. Avrupa Toksikoloji Dernekleri Kongresi'ne Bilimsel Başarı Desteği ile Katılım, 2015 - 2015

AYDIN DİLSİZ S., Project Supported by Higher Education Institutions, 11. Uluslararası Comet Assay Çalıştayına Bilimsel Başarı Desteği ile Katılım, 2015 - 2015

Citations

Total Citations (WOS):1146

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Scholarships

Part Time Scientist (HiWi contract for "Wissenschaftliche Hilfskräfte), University, 2010 - 2011

DAAD (German Academic Exchange Service) Scholarship , Other International Organizations, 2008 - 2008