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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji, Türkiye 1980 - 1987

Yüksek Lisans, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji, Türkiye 1977 - 1980

Lisans, Hacettepe Üniversitesi, Eczacılık Fakültesi, Türkiye 1973 - 1977

Yabancı Diller

İngilizce, C1 İleri

Araştırma Alanları

Sağlık Bilimleri, Eczacılık, Meslek Bilimleri, Farmasötik Toksikoloji

Akademik İdari Deneyim

Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2009 - 2013

Yönetilen Tezler

BAŞARAN A. N., Doğal ürünlerde bulunan fenolik bileşiklerin genotoksik ve antigenotoksik etkileri, Doktora, G.TANER(Öğrenci), 2015

BAŞARAN A. N., Kuantum noktalarının memeli hücrelerindeki sitotoksik ve genotoksik etkileri, Doktora, D.ÖZKAN(Öğrenci), 2015

BAŞARAN A. N., Titanyum dioksit ve lesitin kitosan nano partiküllerinin in vitro genotoksik ve sitotoksik değerlendirmesi, Yüksek Lisans, R.YEŞİLÖZ(Öğrenci), 2011

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Comparative in silico and in vitro evaluation of possible toxic effects of bisphenol derivatives in HepG2 cells**

BALCI ÖZYURT A., Yirun A., ÇAKIR D. A., ÖZÇELİK İ., Bacanlı M., YILDIZTEKİN K. G., SABUNCUOĞLU S., Basaran N., ERKEKOĞLU Ü. P.

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- II. **Evaluation of Oxidative Stress Parameters and Genotoxic Effects in Patients With Work-Related Asthma and Silicosis**
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- III. **Comparative evaluation of the effects of bisphenol derivatives on oxidative stress parameters in HepG2 cells**
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- IV. **Using Z Boson Events to Study Parton-Medium Interactions in Pb-Pb Collisions**
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- V. **A new calibration method for charm jet identification validated with proton-proton collision events at $\sqrt{s} = 13\text{TeV}$**
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- VI. **Measurement of $W\pm\gamma$ differential cross sections in proton-proton collisions at $s = 13\text{ TeV}$ and effective field theory constraints**
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- VII. **Evidence for $X(3872)$ in Pb-Pb Collisions and Studies of its Prompt Production at $s_{NN} = 5.02\text{ TeV}$**
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- VIII. **Unpredictable adverse effects of herbal products**
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- IX. **Evaluation of oxidative stress and immune parameters of boron exposed males and females**
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- X. **Effects of boron compounds on human reproduction**
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- XI. **Evaluation of FSH, LH, testosterone levels and semen parameters in male boron workers under extreme exposure conditions**
DUYDU Y., Basaran N., Aydin S., ÜSTÜNDAĞ A., Yalcin C. O., ANLAR H. G., BACANLI M., AYDOS K., ATABEKOĞLU C. S., Golka K., et al.
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- XII. **Boron and its compounds: current biological research activities**
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- XIII. **Adverse Effects of Medicinal Herbs and Intoxication**
Basaran N.
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- XIV. **Monitoring of DNA damage in environmentally boron exposed people in Turkey by the alkaline comet assay**

- Undeger U., Korkmaz M., AYDIN DİLSİZ S., Basaran N.
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- XV. **Modulating effects of the probiotic agent *Saccharomyces boulardii* on the DNA damage in acute necrotizing pancreatitis induced rats**
Sahin T., AYDIN DİLSİZ S., Yuksel O., Bostanci H., Basaran N.
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- XVI. **Effects of the probiotic agent *Saccharomyces Boulardii* on the DNA damage in acute necrotizing pancreatitis induced rats**
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- XVII. **The effects of thyme volatiles on the induction of DNA damage by the heterocyclic amine IQ and mitomycin C**
AYDIN DİLSİZ S., Basaran A. A., Basaran N.
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- XVIII. **The effects of thyme volatiles on the induction of DNA damage by the heterocyclic amine IQ and mitomycin C**
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- XIX. **Modulating effects of thyme and its major ingredients on oxidative DNA damage in human lymphocytes**
Aydin S., Basaran A., Basaran N.
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- XX. **The modulating effects of quercetin and rutin on the mitomycin C induced DNA damage**
Undeger U., Aydin S., Basaran A., Basaran N.
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- XXI. **The effect of vitamin E supplementation on antioxidant enzyme activities and lipid peroxidation levels in hemodialysis patients**
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- XXII. **Monitoring of DNA damage in foundry and pottery workers exposed to silica by the alkaline Comet Assay**
Basaran N., Shubair M., Undeger U., Kars A.
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- XXIV. **Alterations in immune parameters in foundry and pottery workers**
Basaran N., Shubair M., Undeger U., Canpinar H., Kars A.
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- XXV. **Immunotoxicological investigation in rats dosed repeatedly with combinations of cypermethrin, As(III), and Hg(II)**
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- XXVII. **A study on geno- and immunotoxicological effects of subacute propoxur and pirimicarb exposure in rats**

- Siroki O, Undeger U, Institoris L, Nehez M, Basaran N, Nagymajtenyi L, Desi I.
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- XXVIII. **Immunotoxicological investigations on rats treated subacutely with dimethoate, As³⁺ and Hg²⁺ in combination**
Institoris L, Siroki O, Undeger U, Basaran N, Desi I.
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- XXIX. **Detection of the effects of repeated dose combined propoxur and heavy metal exposure by measurement of certain toxicological, haematological and immune function parameters in rats**
Institoris L, Siroki O, Undeger U, Basaran N, Banerjee B, Desi I.
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- XXX. **Immunotoxicological investigation of subacute combined exposure by permethrin and the heavy metals arsenic(III) and mercury(II) in rats**
Institoris L, Siroki O, Undeger U, Basaran N, Desi I.
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- XXXI. **Effects of lead on immune parameters in occupationally exposed workers**
Basaran N, Undeger U.
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- XXXII. **Use of the alkaline comet assay to monitor DNA damage in technicians exposed to low-dose radiation**
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- XXXIII. **Assessment of DNA damage in nurses handling antineoplastic drugs by the alkaline COMET assay**
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- XXXIV. **Flavonoids modulate Comet assay responses to food mutagens in human lymphocytes and sperm**
Anderson D., Dobrzynska M., Basaran N., Basaran A., Yu T.
MUTATION RESEARCH-FUNDAMENTAL AND MOLECULAR MECHANISMS OF MUTAGENESIS, cilt.402, ss.269-277, 1998 (SCI-Expanded)
- XXXV. **Effect of various genotoxins and reproductive toxins in human lymphocytes and sperm in the comet assay**
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TERATOGENESIS CARCINOGENESIS AND MUTAGENESIS, cilt.17, sa.1, ss.29-43, 1997 (SCI-Expanded)
- XXXVI. **THE EFFECT OF ANTIOXIDANTS ON BLEOMYCIN TREATMENT IN IN-VITRO AND IN-VIVO GENOTOXICITY ASSAYS**
ANDERSON D., BASARAN N., BLOWERS S., EDWARDS A.
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- XXXVII. **HUMORAL AND CELLULAR IMMUNE PARAMETERS IN UNTREATED AND PHENYTOIN-TREATED OR CARBAMAZEPINE-TREATED EPILEPTIC PATIENTS**
BASARAN N., HINCAL F., KANSU E., CIGER A.
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- XXXVIII. **SELENIUM STATUS IN TURKEY .2. SERUM SELENIUM CONCENTRATION IN HEALTHY RESIDENTS OF DIFFERENT AGES IN ANKARA**
Hıncal F., BAŞARAN A. N., Yetgin S., Gökmen O.
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- XXXIX. **SERUM SELENIUM STATUS IN CHILDREN WITH IRON-DEFICIENCY ANEMIA**
Yetgin S., Hıncal F., BAŞARAN A. N., Ciliz G.
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- XL. **SERUM IMMUNOGLOBULINS, COMPLEMENT LEVELS AND LYMPHOCYTE SUBPOPULATIONS IN**

PHENYTOIN-TREATED EPILEPTIC PATIENTS

BASARAN N., KANSU E., HINCAL F.

IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, cilt.11, ss.335-346, 1989 (SCI-Expanded)

XLI. Simple and rapid gas chromatographic determination of valproic acid in plasma

Başaran N., Hıncal F.

The Analyst, cilt.113, ss.1873-1874, 1988 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Interaction of curcumin on cisplatin cytotoxicity in HeLa and HepG2 carcinoma cells**
BECİT M., AYDIN DİLSİZ S., BAŞARAN A. N.
JOURNAL OF PHARMACY OF ISTANBUL UNIVERSITY, cilt.50, sa.3, ss.202-210, 2020 (ESCI)
- II. **Toxicological Issues of Occupational Exposure in Welding Workers**
Tokac D., BACANLI M., AYDIN DİLSİZ S., BAŞARAN A. N.
Literatür Eczacılık Bilimleri Dergisi, cilt.9, sa.1, ss.31-41, 2020 (Hakemli Dergi)
- III. **Phytochemicals used in autoimmune disorders**
BACANLI M., AYDIN DİLSİZ S., BAŞARAN A. A., BAŞARAN A. N.
Hacettepe University Journal of the Faculty of Pharmacy, cilt.40, sa.2, ss.83-92, 2020 (Scopus)
- IV. **Potential Effects of Thymoquinone the Active Constituent of Black Seed (Nigella Sativa L.) on Human Health**
GÜZELSOY P., AYDIN S., BAŞARAN A. N.
Literatür Eczacılık Bilimleri Dergisi, cilt.7, sa.2, ss.118-135, 2018 (Hakemli Dergi)
- V. **Pycnogenol in Human Health: An Overview [İnsan Sağlığında Pknogenol: Bir Genel Derleme]**
BECİT M., AYDIN S., BAŞARAN A. N.
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, cilt.42, sa.2, ss.125-138, 2017 (Scopus)
- VI. **Evaluation of Therapeutic and Toxic Effects of Curcumin: Review**
BECİT M., AYDIN S., BAŞARAN A. N.
Literatür Eczacılık Bilimleri Dergisi, cilt.6, sa.2, ss.126-142, 2017 (Hakemli Dergi)
- VII. **Antioxidant capacities and cytotoxic properties of some natural phenolic compounds in different cell lines**
BACANLI M., ANLAR H. G., Sarıgöl Kılıç Z., AYDIN S., BAŞARAN A. A., BAŞARAN A. N.
ANKARA UNIVERSİTESİ ECZACILIK FAKULTESİ DERGISİ, cilt.34, sa.1, ss.60-72, 2015 (Hakemli Dergi)
- VIII. **The Effect of Tannic Acid on DNA Damage in Human Lymphocytes**
Tokaç D., AYDIN S., BAŞARAN A. A., BAŞARAN A. N.
ANKARA UNIVERSİTESİ ECZACILIK FAKULTESİ DERGISİ, cilt.34, sa.1, ss.133-146, 2015 (Hakemli Dergi)
- IX. **Effect of epigallocatechin gallate on oxidative DNA damage in human lymphocytes**
AYDIN S., Tokaç D., BAŞARAN A. N., BAŞARAN A. A.
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- X. **The Effect of Lycopene on Oxidative DNA Damage in Human Lymphocytes**
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Kitap & Kitap Bölümleri

- I. **Effects of Phytochemicals Against Diabetes**
BACANLI M., AYDIN DİLSİZ S., BAŞARAN A. A., BAŞARAN A. N.
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- II. **Farmasötik Toksikoloji**
BAŞARAN A. N., BAYDAR T., ÜNDEĞER BUCURGAT Ü., KOÇER B., GÜRBAY A., ÖZGÜNEŞ H., ŞAHİN G.

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Mesleki Maruziyetlerde Genotoksik Hasarın Değerlendirilmesinin Önemi,**
ANLAR H. G., AYDIN DİLSİZ S., BACANLI M., BAŞARAN A. N.
Uluslararası Mesleksel ve Çevresel Hastalıklar Kongresi, 3 - 07 Mart 2019
- II. **Yüksek Düzeyde Borik Asit ve Boratlara Maruz Kalmak Kadınlarda Gelişim Erkeklerde ise Ürme Toksisitesine 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, Türkiye, 1 - 04 Kasım 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 Nisan 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.
10th Congress of Toxicology in Developing Countries (CTDC10), Belgrade, Sırbistan Ve Karadağ, 18 - 21 Nisan 2018
- V. **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 (CTDC10), Belgrade, Sırbistan Ve Karadağ, 18 - 21 Nisan 2018
- VI. **Genotoxicity evaluation of naringin on mammalian cell lines by micronucleus assay**
BACANLI M., Anlar H. G., BAŞARAN A., Basaran N.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakya, 10 - 13 Eylül 2017, cilt.280
- VII. **Investigation of boron mediated reproductive and developmental effects in highly boron exposed population**
DUYDU Y., Basaran N., AYDIN DİLSİZ S., ÜSTÜNDAĞ A., Goktas H. G., Yalcin C. O., BACANLI M., SARIGÖL Z., AYDOS K., ATABEKOĞLU C. S., et al.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakya, 10 - 13 Eylül 2017, cilt.280
- VIII. **Effects of curcumin on cisplatin cytotoxicity in HepG2 cells**
Becit M., AYDIN DİLSİZ S., BAŞARAN A. A., Basaran N.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakya, 10 - 13 Eylül 2017, cilt.280
- IX. **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, Slovakya, 10 - 13 Eylül 2017, cilt.280
- X. **Apoptosis induction by 2-mercaptopropionic acid (2-MPA)-coated silver sulfide QD in human A549 cells**
VARDAR D. Ö., AYDIN DİLSİZ S., Hocaoglu I., Acar H. F. Y., Basaran N.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakya, 10 - 13 Eylül 2017, cilt.280
- XI. **Can occupational exposure to crystalline silica in ceramic industries affect the immune parameters?**
Anlar H. G., BACANLI M., Iritas S., BAL C., KURT T., Tutkun E., Yilmaz O. H., Basaran N.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakya, 10 - 13 Eylül 2017,

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- XII. **Assessment of cytotoxicity of pycnogenol in HepG2 cells treated with cisplatin**
AYDIN DİLSİZ S., Becit M., BAŞARAN A. A., Basaran N.
53rd Congress of the European-Societies-of-Toxicology (EUROTOX), Bratislava, Slovakia, 10 - 13 Eylül 2017, cilt.280
- XIII. **Are some natural compounds with high polarity cytotoxic in healthy cells?**
Anlar H. G., Bacanlı M., Basaran N., Basaran A. A.
9th Joint Meeting of AFERP, ASP, GA, JSP, PSE and SIF, Copenhagen, Danimarka, 24 - 27 Temmuz 2016, cilt.82
- XIV. **Cytotoxic activities of five compounds with high polarity in BT-474 breast cancer cell line by NRU and MTT assays**
Bacanli M., Anlar H. G., Basaran N., Basaran A. A.
9th Joint Meeting of AFERP, ASP, GA, JSP, PSE and SIF, Copenhagen, Danimarka, 24 - 27 Temmuz 2016, cilt.82
- XV. **Comet assay in the determination of the genotoxocity and antigenotoxicity of medicinal plant compounds**
Basaran A. A., Bacanlı M., Aydin S., Goktas H. G., Tokac D., Basaran N.
9th Joint Meeting of AFERP, ASP, GA, JSP, PSE and SIF, Copenhagen, Danimarka, 24 - 27 Temmuz 2016, cilt.82
- XVI. **Does ursolic acid have genotoxic properties on mammalian cell lines?**
Basaran N., Bacanlı B., Anlar H. G., Basaran A. A.
14th International Congress of Toxicology in conjunction with the 10th Mexican Congress of Toxicology, Merida, Meksika, 2 - 09 Ekim 2016, cilt.259
- XVII. **Comparisons of antioxidant, cytotoxic and genotoxic/antigenotoxic effects of pycnogenol and rosmarinic acid**
Taner G., Aydin S., Aytac Z., Basaran A. A., Basaran N.
52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, İspanya, 4 - 07 Eylül 2016, cilt.258
- XVIII. **Epigenetic changes of 2-mercaptopropionic acid (2-MPA)-coated silver sulfide quantum dot in human cervical carcinoma cells**
VARDAR D. Ö., AYDIN DİLSİZ S., Hocaoglu I., Acar H. Y., Basaran N.
52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, İspanya, 4 - 07 Eylül 2016, cilt.258
- XIX. **Cytotoxic and genotoxic effects of thymoquinone in different cell lines**
Aydin S., Guzelsoy P., Basaran N.
52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, İspanya, 4 - 07 Eylül 2016, cilt.258
- XX. **Effects of pycnogenol on cisplatin cytotoxicity in HeLa cells**
Becit M., Aydin S., Basaran A. A., Basaran N.
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- XXI. **Effects of curcumin on Aroclor 1254-induced cytotoxicity and genotoxiciy in HepG2 cells**
Aydin S., Erkekoglu P., Gumusel B. K., Basaran N.
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- XXII. **Reproductive toxicity of boric acid and sodium borates**
DUYDU Y., Basaran N., Bolt H. M.
52nd Congress of the European-Societies-of-Toxicology (EUROTOX), Sevilla, İspanya, 4 - 07 Eylül 2016, cilt.258
- XXIII. **Effects of selenium status on Aroclor 1254-induced DNA damage in rat liver and kidney**
Aydin S., Erkekoglu P., Basaran N., Gumusel B. K.
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- XXIV. **Genotoxicity evaluation of limonene on mammalian cell lines by micronucleus assay**
Bacanli M., Anlar H. G., Basaran A. A., Basaran N.
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- XXV. **The genotoxic and antigenotoxic properties of citrus phenolic limonene on mammalian cell lines**
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- XXVI. **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, İspanya, 4 - 07 Eylül 2016, cilt.258
- XXVII. **Effects of duration of silica exposure to DNA damage in ceramic workers in Turkey**
Anlar H. G., Bacanlı M., Iritas S., Bal C., Tutkun E., Yılmaz O., Basaran N.
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- XXVIII. **The effects of protective equipments on silica induced DNA damage in ceramic workers**
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- XXIX. **Evaluation of the in vitro antioxidant, cytotoxic and genotoxic/antigenotoxic effects of resveratrol**
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- XXX. **Effects of sinapic acid on MMC-induced micronucleus frequencies in V79 cell line**
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51st Congress of the European-Societies-of-Toxicology (EUROTOX), Porto, Portekiz, 13 - 16 Eylül 2015, cilt.238
- XXXI. **Effects of rosmarinic acid on oxidative stress parameters in livers and kidneys of sepsis induced wistar albino rats**
Bacanli M., AYDIN DİLSİZ S., Taner G., Goktas H. G., Sahin T., Basaran A., Basaran N.
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- XXXII. **Genotoxicity of 2-mercaptopropionic acid-coated silver sulfide quantum dot**
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- XXXIII. **Human health risk assessment of boric acid and sodium borates**
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- XXXIV. **Assessment of genotoxicity and antigenotoxicity of sinapic acid in human lymphocytes in vitro**
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- XXXV. **Comparison of cytotoxicity of curcumin, resveratrol and rosmarinic acid in different cell lines**
Bacanli M., Goktas H. G., Sarigol Z., AYDIN DİLSİZ S., Basaran A., Basaran N.
51st Congress of the European-Societies-of-Toxicology (EUROTOX), Porto, Portekiz, 13 - 16 Eylül 2015, cilt.238
- XXXVI. **Effects of selenium status on DNA damage in the lymphocytes and sperms of Aroclor 1254-exposed rats**
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- XXXVII. **Effects of ferulic acid on oxidative stress parameters in livers and kidneys of Wistar albino rats**
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- XXXVIII. **Genotoxic and antigenotoxic effects of galangin**
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- XXXIX. **Use of in vitro assays to assess the potential cytotoxic, genotoxic and antigenotoxic effects of vanillic acid**
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- XL. **Cytotoxicity of pycnogenol and resveratrol in CHO and HeLa cell lines**
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- XLI. **Modulating effects of pycnogenol on sepsis induced DNA damage in the liver and renal tissue cells of rats**
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XLVII. Evaluation of FSH, LH, total testosterone and PSA levels in highly boron exposed workers in Turkey

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Metrikler

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