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Education Information

Doctorate, Istanbul University, Faculty Of Science, Botanik Ve Genetik Kürsüsü, Turkey 1975 - 1980

Foreign Languages

German, B2 Upper Intermediate

Dissertations

Doctorate, Hordeum vulgare L.var.Zafer 160 ile Hordeum distichum L.var.7230 arasında yapılan yapay tozlaşma yoluyla elde edilen tür melezleri üzerinde çalışmalar, Istanbul University, Fen Fakültesi, Botanik Ve Genetik Kürsüsü, 1980

Research Areas

Life Sciences, Molecular Biology and Genetics, Cytogenetic, Natural Sciences

Academic Titles / Tasks

Professor, Cukurova University, Fen Edebiyat, Biyoloji, 1994 - Continues

Academic and Administrative Experience

Cukurova University, Fen Edebiyat Fakültesi, Biyoloji, 2014 - Continues

Advising Theses

TOPAKTAŞ M., Bezafibrat'ın insan periferik lenfositlerinde in vitro genotoksik etkilerinin araştırılması ve hücrelere geçiş miktarının HPLC tekniği ile belirlenmesi, Postgraduate, S.Sadighazadi(Student), 2014

TOPAKTAŞ M., Karbamatlı bir insektisid/nematosid olan Carbosulfan, Ethyl Carbamate ve Ethyl metansulfonat'ın tek başlarına veya birlikte kullanıldıkları zaman insan periferik lenfositlerinde sitogenetik etkileri, Doctorate,

E.Rencüzoğulları(Student), 1997

TOPAKTAŞ M., Karbamat'lı bir insektisid olan Marsahal ve etkin maddesi Carbosulfan'ın insan lenfositleri üzerindeki sitogenetik etkileri, Postgraduate, E.Rencüzoğulları(Student), 1992

Jury Memberships

Associate Professor Exam, Doçentlik Sınav jürisi, Üniversitelerarası Kurul , ÜAK, Doçentliğe Yükseltme Aşaması Eser İncelemesi, February, 2014

Associate Professor Exam, Doçentlik Sınav jürisi, Üniversitelerarası Kurul, Ekim 1995, ÜAK, Doçentliğe Yükseltme Aşaması Eser İncelemesi, October, 1995

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Genotoxic effects of 4-methylimidazole on human peripheral lymphocytes in vitro**
Celik R., TOPAKTAŞ M.
DRUG AND CHEMICAL TOXICOLOGY, vol.41, no.1, pp.27-32, 2018 (SCI-Expanded)
- II. **In vitro cytogenetic evaluation of the particular combination of flurbiprofen and roxithromycin**
TIMOCIN T., HÜSUNET M. T., Valipour E., TAZEHKAND M. N., CELİK R., TOPAKTAŞ M., İLA H. B.
DRUG AND CHEMICAL TOXICOLOGY, vol.40, no.3, pp.326-332, 2017 (SCI-Expanded)
- III. **Investigation of anticarcinogenic and antioxidant effects of 4-methylimidazole**
TAZEHKAND N. M., HAJIPOUR O., MORIDIKIA F., MORIDIKIA A., VALIPOUR E., YILMAZ M. B., TOPAKTAŞ M.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.118, no.3, pp.149-152, 2017 (SCI-Expanded)
- IV. **Assessment of chromosomal aberration in the bone marrow cells of Swiss Albino mice treated by 4-methylimidazole**
Tazehkand M. N., TOPAKTAŞ M., YILMAZ M. B.
DRUG AND CHEMICAL TOXICOLOGY, vol.39, no.3, pp.307-311, 2016 (SCI-Expanded)
- V. **Assessment of in vitro genotoxic and cytotoxic effects of flurbiprofen on human cultured lymphocytes**
TIMOCIN T., İLA H. B., DORDU T., HÜSUNET M. T., TAZEHKAND M. N., VALIPOUR E., TOPAKTAŞ M.
DRUG AND CHEMICAL TOXICOLOGY, vol.39, no.3, pp.338-343, 2016 (SCI-Expanded)
- VI. **The effects of 4-MEI on cell proliferation, DNA breaking and DNA fragmentation**
NORIZADEHTAZEHKAND M. B., MORIDIKIA A., HAJIPOUR O., VALIPOUR E., TIMOCIN T., TOPAKTAS M., Yilmaz M. B.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.117, no.7, pp.371-375, 2016 (SCI-Expanded)
- VII. **Delineating the antigenotoxic and anticytotoxic potentials of 4-methylimidazole against ethyl methanesulfonate toxicity in bone marrow cell of swiss albino mice**
TAZEHKAND N. M., TOPAKTAŞ M., YILMAZ M. B., Hajipour O., VALIPOUR E.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.117, no.5, pp.290-294, 2016 (SCI-Expanded)
- VIII. **In vitro genotoxicity and cytotoxicity of a particular combination of pemetrexed and cefixime in human peripheral blood lymphocytes**
İSTİFLİ E. S., TOPAKTAŞ M.
SPRINGERPLUS, vol.4, 2015 (SCI-Expanded)
- IX. **Evaluation of the genotoxic or mutagenic effects of thermal stress on cultured human lymphocytes**
İLA H. B., TOPAKTAŞ M., Arslan M., BÜYÜKLEYLA M., İSTİFLİ E. S.
TURKISH JOURNAL OF BIOLOGY, vol.39, no.1, pp.98-103, 2015 (SCI-Expanded)
- X. **The in vitro genotoxic and cytotoxic effects of remeron on human peripheral blood lymphocytes**
Tazehkand M. N., TOPAKTAŞ M.

DRUG AND CHEMICAL TOXICOLOGY, vol.38, no.3, pp.266-271, 2015 (SCI-Expanded)

- XI. **Signs of deferasirox genotoxicity**
İLA H. B., TOPAKTAŞ M., Arslan M., Buyukleyla M.
CYTOTECHNOLOGY, vol.66, no.4, pp.647-654, 2014 (SCI-Expanded)
- XII. **In vitro investigation of the genotoxic and cytotoxic effects of thiacloprid in cultured human peripheral blood lymphocytes**
YAVUZ KOCAMAN A., RENCÜZOĞULLARI E., TOPAKTAŞ M.
ENVIRONMENTAL TOXICOLOGY, vol.29, no.6, pp.631-641, 2014 (SCI-Expanded)
- XIII. **Genotoxicity of pemetrexed in human peripheral blood lymphocytes**
İstifli E. S., Topaktaş M.
CYTOTECHNOLOGY, vol.65, pp.621-628, 2013 (SCI-Expanded)
- XIV. **In vitro evaluation of the protective effects of 4-thujanol against mitomycin-C and cyclophosphamide-induced genotoxic damage in human peripheral lymphocytes**
Kocaman A. Y., Istifli E. S., Buyukleyla M., Rencuzogullari E., Topaktas M.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.29, no.1, pp.23-37, 2013 (SCI-Expanded)
- XV. **CHK2 1100delC, IVS2+1G > A and I157T mutations are not present in hepatocellular cancer cases from a Turkish population**
Bayram S., Akkiz H., TOPAKTAŞ M.
GENE, vol.512, no.2, pp.232-236, 2013 (SCI-Expanded)
- XVI. **CHEK2 1100delC, IVS2+1G > A and I157T mutations are not present in colorectal cancer cases from Turkish population**
BAYRAM S., TOPAKTAŞ M., AKKIZ H., Bekar A., Akgollu E.
CANCER EPIDEMIOLOGY, vol.36, no.5, pp.453-457, 2012 (SCI-Expanded)
- XVII. **The genotoxic and antigenotoxic effects of tannic acid in human lymphocytes**
BÜYÜKLEYLA M., AZIRAK S., Rencuzogullari E., Kocaman A. Y., İLA H. B., TOPAKTAŞ M., DARICI C.
DRUG AND CHEMICAL TOXICOLOGY, vol.35, no.1, pp.11-19, 2012 (SCI-Expanded)
- XVIII. **Genotoxicity of bovine bone-derived microhydroxyapatite (Boneplus-xs)**
TOPAKTAŞ M., İSTİFLİ E. S., BÜYÜKLEYLA M., İLA H. B., CANİTEZER T., KÜRKÇÜ M.
TURKISH JOURNAL OF BIOLOGY, vol.36, no.5, pp.568-573, 2012 (SCI-Expanded)
- XIX. **The effects of 4-thujanol on chromosome aberrations, sister chromatid exchanges and micronucleus in human peripheral blood lymphocytes**
Kocaman A. Y., Rencuzogullari E., TOPAKTAŞ M., İSTİFLİ E. S., Buyukleyla M.
CYTOTECHNOLOGY, vol.63, no.5, pp.493-502, 2011 (SCI-Expanded)
- XX. **In vitro genotoxicity of rocuronium bromide in human peripheral lymphocytes**
Zan U., TOPAKTAŞ M., İSTİFLİ E. S.
CYTOTECHNOLOGY, vol.63, no.3, pp.239-245, 2011 (SCI-Expanded)
- XXI. **Genotoxic Effects of a Particular Mixture of Acetamiprid and alpha-Cypermethrin on Chromosome Aberration, Sister Chromatid Exchange, and Micronucleus Formation in Human Peripheral Blood Lymphocytes**
YAVUZ KOCAMAN A., TOPAKTAŞ M.
ENVIRONMENTAL TOXICOLOGY, vol.25, no.2, pp.157-168, 2010 (SCI-Expanded)
- XXII. **Cytogenetic Genotoxicity of Amoxicillin**
İSTİFLİ E. S., TOPAKTAŞ M.
ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, vol.51, no.3, pp.222-228, 2010 (SCI-Expanded)
- XXIII. **In vitro genotoxic effects of benzoyl peroxide in human peripheral lymphocytes**
Yavuz A., TOPAKTAŞ M., İSTİFLİ E. S.
TURKISH JOURNAL OF BIOLOGY, vol.34, no.1, pp.15-24, 2010 (SCI-Expanded)
- XXIV. **The genotoxic and antigenotoxic effects of Aloe vera leaf extract in vivo and in vitro**
Kayraldiz A., Kocaman A. Y., Rencuzogullari E., Istifli E. S., İLA H. B., TOPAKTAŞ M., DAĞLIOĞLU Y. K.
TURKISH JOURNAL OF BIOLOGY, vol.34, no.3, pp.235-246, 2010 (SCI-Expanded)
- XXV. **The In Vitro Genotoxic Effects of a Commercial Formulation of alpha-Cypermethrin in Human**

Peripheral Blood Lymphocytes

YAVUZ KOCAMAN A., TOPAKTAŞ M.

ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, vol.50, no.1, pp.27-36, 2009 (SCI-Expanded)

- XXVI. **The genotoxicity and cytotoxicity among patients diagnosed with organophosphate poisoning**
Satar S., Kayraldiz A., Rencuzogullari E., KARAKOÇ E., SEBE A., Avci A., Yesilagac H., TOPAKTAŞ M.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.110, no.8, pp.476-479, 2009 (SCI-Expanded)
- XXVII. **Genotoxic potential of cyfluthrin**
İLA H. B., TOPAKTAŞ M., Rencuzogullari E., Kayraldiz A., Donbak L., DAĞLIOĞLU Y. K.
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.656, pp.49-54, 2008 (SCI-Expanded)
- XXVIII. **Confirmation of the chromosome damaging effects of lamivudine in in vitro human peripheral blood lymphocytes**
Bayram S., TOPAKTAŞ M.
ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, vol.49, no.4, pp.328-333, 2008 (SCI-Expanded)
- XXIX. **The effects of boric acid on sister chromatid exchanges and chromosome aberrations in cultured human lymphocytes**
Arslan M., TOPAKTAŞ M., Rencuzogullari E.
CYTOTECHNOLOGY, vol.56, no.2, pp.91-96, 2008 (SCI-Expanded)
- XXX. **In vitro evaluation of the genotoxicity of acetamiprid in human peripheral blood lymphocytes**
Kocaman A. Y., Topaktas M.
ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, vol.48, no.6, pp.483-490, 2007 (SCI-Expanded)
- XXXI. **Genotoxic effects of potassium bromate on human peripheral lymphocytes in vitro**
Kaya F. F., Topaktas M.
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.626, pp.48-52, 2007 (SCI-Expanded)
- XXXII. **The mutagenic and antimutagenic effects of Ecballium elaterium fruit juice in human peripheral lymphocytes**
Rencuzogullari E., İla H. B., Kayraldiz A., Diler S. B., Yavuz A., Arslan M., Kaya F. F., Topaktas M.
RUSSIAN JOURNAL OF GENETICS, vol.42, no.6, pp.623-627, 2006 (SCI-Expanded)
- XXXIII. **The genotoxic effect of the new acaricide etoxazole**
Rencuzogullari E., İla H. B., Kayraldiz A., Arslan M., Diler S., Topaktas M.
RUSSIAN JOURNAL OF GENETICS, vol.40, no.11, pp.1300-1304, 2004 (SCI-Expanded)
- XXXIV. **Genotoxicity of aspartame**
Rencuzogullari E., Tuylu B., Topaktas M., İla H. B., Kayraldiz A., Arslan M., Diler S.
DRUG AND CHEMICAL TOXICOLOGY, vol.27, no.3, pp.257-268, 2004 (SCI-Expanded)
- XXXV. **Chromosome numbers of four Pistacia (Anacardiaceae) species**
İla H. B., Kafkas S., Topaktas M.
JOURNAL OF HORTICULTURAL SCIENCE & BIOTECHNOLOGY, vol.78, no.1, pp.35-38, 2003 (SCI-Expanded)
- XXXVI. **Chromosome aberration and sister chromatid exchange in workers of the iron and steel factory of Iskenderun, Turkey**
Topaktas M., RENCÜZOĞULLARI E., İla H. B., Kayraidiz A.
TERATOGENESIS CARCINOGENESIS AND MUTAGENESIS, vol.22, no.6, pp.411-423, 2002 (SCI-Expanded)
- XXXVII. **No significant increase in chromosome aberrations and sister chromatid exchanges in cultured human lymphocytes treated with spiramycin**
RENCÜZOĞULLARI E., İla H. B., Topaktas M., KAYRALDIZ A., BUDAK S., ARSLAN M.
TERATOGENESIS CARCINOGENESIS AND MUTAGENESIS, vol.22, no.1, pp.51-58, 2002 (SCI-Expanded)
- XXXVIII. **Chromosome aberrations and sister chromatid exchanges in cultured human lymphocytes treated with sodium metabisulfite, a food preservative**
Rencuzogullari E., İla H. B., KAYRALDIZ A., Topaktas M.
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.490, no.2, pp.107-112,

2001 (SCI-Expanded)

- XXXIX. **In vivo chromosomal aberrations in bone marrow cells of rats treated with Marshal**
Topaktas M., RENCÜZOĞULLARI E., İla H. B.
MUTATION RESEARCH-GENETIC TOXICOLOGY, vol.371, pp.259-264, 1996 (SCI-Expanded)

Articles Published in Other Journals

- I. **In vitro genotoxicity and cytotoxicity of cefixime in human peripheral blood lymphocytes**
İSTİFLİ E. S., TOPAKTAŞ M.
CURRENT TOPICS IN TOXICOLOGY, vol.12, pp.33-40, 2016 (Scopus)

Books & Book Chapters

- I. **Sitogenetik**
TOPAKTAŞ M.
Nobel, Ankara, 2010
- II. **Trends in Environmental Mutagenesis**
TOPAKTAŞ M.
Tausco Book Distributors, New Delhi, 1999

Refereed Congress / Symposium Publications in Proceedings

- I. **Ezetimib'in İnsan In Vitro Periferik Lenfositlerinde Mikronukleus Oluşumu Üzerine Etkileri**
Çelik R., HÜSUNET M. T., TOPAKTAŞ M., İLA H. B.
IMSEC 2017, 25 - 27 October 2017
- II. **Esmeron (Rocuronium Bromür)'un İnsan Periferik Lenfositlerinde in vitro Genotoksik Etkileri**
Zan Ü., TOPAKTAŞ M., İSTİFLİ E. S.
20. ULUSAL BİYOLOJİ KONGRESİ, Denizli, Turkey, 21 - 25 June 2010, pp.149-150

Supported Projects

HATİPOĞLU R., DÖRDÜ T., TOPAKTAŞ M., Project Supported by Higher Education Institutions, Ellajik Asitin İnsan Periferik Lenfositlerinde İn Vitro Genotoksik Ve Antigenotoksik Etkileri, 2014 - 2019

İLA H. B., Çelik R., TOPAKTAŞ M., Project Supported by Higher Education Institutions, Ezetimib'in İnsan Periferik Lenfositlerinde İn Vitro Genotoksik Etkileri, 2015 - 2017

YILMAZ M. B., NORIZADEH TAZEKAND M., TOPAKTAŞ M., Project Supported by Higher Education Institutions, Sıçanlarda 4-metilimidazol (4-MEI)'un genotoksik, antigenotoksik, kanserojenik ve antikanserojenik etkisinin araştırılması, 2014 - 2016

TOPAKTAŞ M., İLA H. B., Dördü T., Timoçin T., HÜSUNET M. T., Project Supported by Higher Education Institutions, Flurbiprofenin İn Vitro Genotoksik Etkileri, 2015 - 2015

TOPAKTAŞ M., Project Supported by Higher Education Institutions, BEZAFIBRAT'ın insan periferik lenfositlerinde in vitro genotoksik etkisinin araştırılması ve ortamdaki BEZAFIBRAT konsantrasyonunun HPCL tekniği ile belirlenmesi, 2013 - 2014

TOPAKTAŞ M., Project Supported by Higher Education Institutions, Flibanserim'in İnsan Periferik Lenfositlerinde İn Vitro Genotoksik Etkileri, 2012 - 2014

TOPAKTAŞ M., Project Supported by Higher Education Institutions, Telavancin (antibiyotik) ve Pemetrexed'in (antineoplastik) Tek Başına ve Karışım Halinde Kullanıldıkları Zaman İnsan Periferik Lenfositlerindeki in Vitro Genotoksik Etkileri, 2011 - 2014

Metrics

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