

## Prof. MEHMET TOPAKTAŞ

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### Education Information

Doctorate, Istanbul University, Fen Fakültesi, 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

### Professional Experience

Academic Board Member, 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, Post Graduate, 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, Post Graduate, 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

## **Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes**

- I. **Genotoxic effects of 4-methylimidazole on human peripheral lymphocytes in vitro**  
Celik R., TOPAKTAŞ M.  
DRUG AND CHEMICAL TOXICOLOGY, vol.41, pp.27-32, 2018 (Journal Indexed in SCI)
- II. **In vitro cytogenetic evaluation of the particular combination of flurbiprofen and roxithromycin**  
TIMOCIN T., HÜSUNET M. T. , Valipour E., TAZEHKAND M. N. , CELIK R., TOPAKTAŞ M., İLA H. B.  
DRUG AND CHEMICAL TOXICOLOGY, vol.40, pp.326-332, 2017 (Journal Indexed in SCI)
- 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, pp.149-152, 2017 (Journal Indexed in SCI)
- 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, pp.307-311, 2016 (Journal Indexed in SCI)
- 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, pp.338-343, 2016 (Journal Indexed in SCI)
- 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, pp.371-375, 2016 (Journal Indexed in SCI)
- 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, pp.290-294, 2016 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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, pp.98-103, 2015 (Journal Indexed in SCI)
- 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, pp.266-271, 2015 (Journal Indexed in SCI)

- XI. **Signs of deferasirox genotoxicity**  
İLA H. B. , TOPAKTAŞ M., Arslan M., Buyukleyla M.  
CYTOTECHNOLOGY, vol.66, pp.647-654, 2014 (Journal Indexed in SCI)
- 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, pp.631-641, 2014 (Journal Indexed in SCI)
- XIII. **Genotoxicity of pemetrexed in human peripheral blood lymphocytes**  
İstifli E. S. , Topaktaş M.  
CYTOTECHNOLOGY, vol.65, pp.621-628, 2013 (Journal Indexed in SCI)
- 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, pp.23-37, 2013 (Journal Indexed in SCI)
- 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, pp.232-236, 2013 (Journal Indexed in SCI)
- 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, pp.453-457, 2012 (Journal Indexed in SCI)
- 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, pp.11-19, 2012 (Journal Indexed in SCI)
- 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, pp.568-573, 2012 (Journal Indexed in SCI)
- 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, pp.493-502, 2011 (Journal Indexed in SCI)
- XX. **In vitro genotoxicity of rocuronium bromide in human peripheral lymphocytes**  
Zan U., TOPAKTAŞ M., İSTİFLİ E. S.  
CYTOTECHNOLOGY, vol.63, pp.239-245, 2011 (Journal Indexed in SCI)
- 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, pp.157-168, 2010 (Journal Indexed in SCI)
- XXII. **Cytogenetic Genotoxicity of Amoxicillin**  
İSTİFLİ E. S. , TOPAKTAŞ M.  
ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, vol.51, pp.222-228, 2010 (Journal Indexed in SCI)
- 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, pp.15-24, 2010 (Journal Indexed in SCI)
- 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, pp.235-246, 2010 (Journal Indexed in SCI)
- 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, pp.27-36, 2009 (Journal Indexed in SCI)
- 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, pp.476-479, 2009 (Journal Indexed in SCI)
- 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  
(Journal Indexed in SCI)
- 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, pp.328-333, 2008 (Journal Indexed in SCI)
- 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, pp.91-96, 2008 (Journal Indexed in SCI)
- 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, pp.483-490, 2007 (Journal Indexed in SCI)
- 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  
(Journal Indexed in SCI)
- 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, pp.623-627, 2006 (Journal Indexed in SCI)
- 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, pp.1300-1304, 2004 (Journal Indexed in SCI)
- 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, pp.257-268, 2004 (Journal Indexed in SCI)
- XXXV. **Chromosome numbers of four Pistacia (Anacardiaceae) species**  
İla H. B. , Kafkas S., Topaktas M.  
JOURNAL OF HORTICULTURAL SCIENCE & BIOTECHNOLOGY, vol.78, pp.35-38, 2003 (Journal Indexed in SCI)
- 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, pp.411-423, 2002 (Journal Indexed in SCI)
- 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, pp.51-58, 2002 (Journal Indexed in SCI)
- 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, pp.107-112, 2001  
(Journal Indexed in SCI)

- 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 (Journal Indexed in SCI)

### 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 (Refereed Journals of Other Institutions)

### 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 İn 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

### Citations

Total Citations (WOS):523  
h-index (WOS):12