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Education Information

Doctorate, Cukurova University, Fen Edebiyat Fakültesi, Biyoloji, Turkey 2009 - 2014

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, DNA Dizi Analizi, Moleküler Markör Uygulamaları ve Çoklu Gen Anlatım Analizleri, TÜBİTAK Marmara Araştırma Merkezi, 2009

Dissertations

Doctorate, Pemetrexed ve cefixime'nin tek başına ve karışım halinde kullanıldığı zaman insan periferik lenfositlerindeki in vitro genotoksik etkileri, Cukurova University, Fen Edebiyat Fakültesi, Biyoloji, 2014

Research Areas

Computer Sciences, bioinformatics, Biocomputing, Life Sciences, Molecular Biology and Genetics, Genetic Disorders, Cytogenetic, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

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

Research Assistant, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, 2008 - 2013

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

- Chemical Composition, Antioxidant and Enzyme Inhibitory Activities of *Onosma bourgaei* and *Onosma trachytricha* and in Silico Molecular Docking Analysis of Dominant Compounds.**
Istifli E. S.
Molecules (Basel, Switzerland), vol.26, 2021 (Journal Indexed in SCI Expanded)
- Cytotoxic and genotoxic evaluation of copper oxychloride through Allium test and molecular docking**

studies.

Liman R., Ali M. M. , Ciğerci İ. H. , İstifli E. S. , Sarıkurkcu C.

Environmental science and pollution research international, 2021 (Journal Indexed in SCI Expanded)

- III. **Investigation of the genotoxic effects of patent blue V (E131) in human peripheral lymphocytes and in silico molecular docking**
HÜSUNET M. T. , Misirli R. C. , İSTİFLİ E. S. , İLA H. B.
DRUG AND CHEMICAL TOXICOLOGY, 2021 (Journal Indexed in SCI)
- IV. **Two endemic Onosma species (O. sieheana and O. stenoloba): A comparative study including docking data on biological activity and phenolic composition**
Sarıkurkcu C., Sahinler S. S. , Hüsünnet M. T. , İstifli E. S. , Tepe B.
INDUSTRIAL CROPS AND PRODUCTS, vol.154, 2020 (Journal Indexed in SCI)
- V. **In silico analysis of the interactions of certain flavonoids with the receptor-binding domain of 2019 novel coronavirus and cellular proteases and their pharmacokinetic properties**
İstifli E. S. , Netz P. A. , Sihoglu T., Husunet M. T. , Sarıkurkcu C., Tepe B.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2020 (Journal Indexed in SCI)
- VI. **Proapoptotic Effect of Hypericum perforatum (St. John's Wort) Extract in Human Colorectal Adenocarcinoma Cell Line HT29**
YEGANI A. A. , İSTİFLİ E. S. , Tekeli I. O. , SAKİN F., Kaplan H. M.
INTERNATIONAL JOURNAL OF PHARMACOLOGY, vol.16, no.2, pp.120-125, 2020 (Journal Indexed in SCI)
- VII. **GENOTOXIC EFFECTS OF THE ARTIFICIAL FOOD DYE GREEN S IN HUMAN LYMPHOCYTES IN VITRO AND 3D MOLECULAR DOCKING ANALYSIS OF ITS INTERACTION WITH DNA AND ALPHA-BETA TUBULIN SUBUNITS**
İSTİFLİ E. S. , HÜSUNET M. T. , Misirli R. C. , İLA H. B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.29, no.7, pp.5238-5249, 2020 (Journal Indexed in SCI)
- VIII. **Interaction of certain monoterpenoid hydrocarbons with the receptor binding domain of 2019 novel coronavirus (2019-nCoV), transmembrane serine protease 2 (TMPRSS2), cathepsin B, and cathepsin L (CatB/L) and their pharmacokinetic properties**
İSTİFLİ E. S. , Tepe A. S. , Sarıkurkcu C., Tepe B.
TURKISH JOURNAL OF BIOLOGY, vol.44, no.3, pp.242-264, 2020 (Journal Indexed in SCI)
- IX. **Alpha-linolenic acid confers protection on mice renal cells against cisplatin-induced nephrotoxicity**
İstifli E. S. , DEMİR E., KAPLAN H. M. , ATEŞ K., DORAN F.
CYTOTECHNOLOGY, vol.71, no.5, pp.905-914, 2019 (Journal Indexed in SCI)
- X. **In vitro cytogenetic toxicity of bezafibrate in human peripheral blood lymphocytes**
Topaktaş M., Yaşa Kafkas N. E. , Sadighazadi S., İstifli E. S.
Cytotechnology, vol.69, no.4, pp.579-589, 2017 (Journal Indexed in SCI Expanded)
- XI. **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)
- XII. **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 (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. , İstifli E. S. , Buyukleyla M., Rencuzogullari E., Topaktas M.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.29, no.1, pp.23-37, 2013 (Journal Indexed in SCI)
- XV. **Genotoxicity of bovine bone-derived microhydroxyapatite (Boneplus-xs)**
TOPAKTAŞ M., İSTİFLİ E. S. , BÜYÜKLEYLA M., İLA H. B. , CANİTEZER T., KÜRKCÜ M.

- TURKISH JOURNAL OF BIOLOGY, vol.36, no.5, pp.568-573, 2012 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **Cytogenetic Genotoxicity of Amoxicillin**
İSTİFLİ E. S. , TOPAKTAŞ M.
ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, vol.51, no.3, pp.222-228, 2010 (Journal Indexed in SCI)
- XIX. **Characterization of an Interstitial 4q32 Deletion in a Patient With Mental Retardation and a Complex Chromosome Rearrangement**
Tzschach A., Menzel C., Erdogan F., Istifli E. S. , Rieger M., Ovens-Raeder A., Macke A., Ropers H., Ullmann R., Kalscheuer V.
AMERICAN JOURNAL OF MEDICAL GENETICS PART A, no.4, pp.1008-1012, 2010 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)
- XXI. **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 (Journal Indexed in SCI)
- XXII. **Adsorption of Cd(II), Cu(II) and Ni(II) ions by Lemna minor L.: Effect of physicochemical environment**
Saygideger S., Gulnaz O., Istifli E. S. , Yucel N.
JOURNAL OF HAZARDOUS MATERIALS, vol.126, pp.96-104, 2005 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Virtual screening and molecular docking studies of certain lead-like compounds from ZINC15 database against COVID-19 Mpro enzyme**
İstifli E. S.
Annals of Clinical and Analytical Medicine, vol.11, pp.1-6, 2020 (Journal Indexed in ESCI)
- II. **Genotoxic risk evaluation of cleaning workers**
Dönbak L., Kaşan E., Kayraldız A., İSTİFLİ E. S.
Libyan Journal of Medical Sciences, vol.3, no.4, pp.131-135, 2019 (Refereed Journals of Other Institutions)
- III. **In vitro cytogenetic evaluation of sertraline**
istifli E. S. , ÇELİK R., Hüsnet M. T. , ÇETİNEL N., DEMİRHAN O., İLA H. B.
Interdisciplinary Toxicology, vol.11, no.3, pp.101-108, 2019 (Refereed Journals of Other Institutions)
- IV. **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. **Cytotoxicity**
İSTİFLİ E. S.
Intechopen, Londra, 2019
- II. **Lymphocytes**

İSTİFLİ E. S.

Intechopen, Londra, 2019

III. **Cell Division, Cytotoxicity, and the Assays Used in the Detection of Cytotoxicity**

İSTİFLİ E. S. , HÜSUNET M. T. , İLA H. B.

in: Cytotoxicity, Erman Salih İSTİFLİ, Editor, Intechopen, Londra, pp.87-105, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **IN SILICO STRUCTURE-BASED VIRTUAL SCREENING, MOLECULAR DOCKING AND ADMET STUDY OF POTENTIAL COVID-19 MPRO INHIBITORS FROM ZINC15 DATABASE**
İstifli E. S.
CUKUROVA 5th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE, Adana, Turkey, 9 - 11 October 2020, pp.199
- II. **Brown HT (E155)'in in vitro İnsan Periferal Lenfositlerinde Mikronukleus Oluşumu Üzerine Etkileri**
ÇELİK R., HÜSUNET M. T. , İstifli E. S. , İLA H. B.
3. Uluslararası Akdeniz Bilim ve Mühendislik Kongresi (IMSEC 2018), 24 - 26 October 2018
- III. **Patent Blue V (E131)'in İnsan Periferal Lenfositlerinde in vitro Mikronukleus (MN) Oluşumu Üzerine Etkilerinin Araştırılması**
HÜSUNET M. T. , Çelik R., İstifli E. S. , İLA H. B.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), Adana, Turkey, 24 - 26 October 2018
- IV. **Alfa-linolenik asidin in vivo fare renal hücrelerinde cisplatin kaynaklı nefrotoksisiteye karşı koruyucu etkisi**
İSTİFLİ E. S. , DEMİR E., KAPLAN H. M.
IMSEC 2018, Adana, Turkey, 24 - 26 October 2018, pp.1-7
- V. **In vitro cytogenetic toxicity of sertraline**
İstifli E. S. , Çetinel N., Çelik R., HÜSUNET M. T. , İLA H. B. , DEMİRHAN O.
IMSEC 2017, 25 - 27 October 2017
- VI. **GENETİK ANALİZDE t4;22 (q21;p13) RESİPROKAL TRANSLOKASYON SAPTANAN AZOSPERMİ OLGUSU**
Uğuz S., Kozan S., Demirci R., Kaya E., İrkılata H. C. , Kavuş H., İSTİFLİ E. S. , Tunca Y.
11. Ulusal Androloji Kongresi, Antalya, Turkey, 30 April - 03 May 2015, pp.65
- VII. **Characterization of an Interstitial 4q32 Deletion in a Patient With Mental Retardation and a Complex Chromosome Rearrangement**
Tzschach A., Menzel C., Erdogan F., İSTİFLİ E. S. , Rieger M., Ovens-Raeder A., Macke A., Ropers H., Ullmann R., Kalscheuer V.
International ITU Molecular Biology and Genetics Student Congress'15, İstanbul, Turkey, 19 - 22 August 2011, pp.21
- VIII. **Esmeron (Rocuronium Bromür)'un İnsan Periferal 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

Expert Reports

I. **REMOTE EVALUATION**

İSTİFLİ E. S.

European Commission, pp.22, Brussels, 2016

Supported Projects

İL A H. B. , HÜSUNET M. T. , ÇELİK R., İSTİFLİ E. S. , Project Supported by Higher Education Institutions, Sentetik gıda renklendiricilerinin (Patent Blue V, Green S ve Brown HT) in vitro genotoksik etkilerinin araştırılması, 2017 - 2018

Activities in Scientific Journals

Technology in Cancer Research and Treatment, Special Issue Editor, 2019 - Continues

American Journal of Medical and Biological Research, Editor, 2014 - Continues

Scientific Refereeing

International Journal of Nanomedicine, SCI Journal, November 2017

International Journal of Nanomedicine, SCI Journal, October 2017

MethodsX, SCI Journal, September 2017

International Journal of Nanomedicine, SCI Journal, May 2017

International Journal of Nanomedicine, SCI Journal, March 2017

Marmara Pharmaceutical Journal, Other Indexed Journal, February 2017

International Journal of Nanomedicine, SCI Journal, January 2017

International Journal of Nanomedicine, SCI Journal, May 2016

International Journal of Nanomedicine, SCI Journal, April 2016

International Journal of Nanomedicine, SCI Journal, March 2016

Cytotechnology, SCI Journal, March 2016

International Journal of Nanomedicine, SCI Journal, February 2016

International Journal of Nanomedicine, SCI Journal, January 2016

Cytotechnology, SCI Journal, January 2016

International Journal of Nanomedicine, SCI Journal, August 2015

International Journal of Nanomedicine, SCI Journal, June 2015

Cytotechnology, SCI Journal, June 2015

Metabolic Brain Disease, SCI Journal, May 2015

Cytotechnology, SCI Journal, January 2015

International Journal of Biological Sciences, SCI Journal, January 2015

Cytotechnology, SCI Journal, June 2014

Cytotechnology, SCI Journal, September 2013

Saudi Pharmaceutical Journal, SCI Journal, June 2013

Cytotechnology, SCI Journal, April 2013

Cytotechnology, SCI Journal, December 2012

Cytotechnology, SCI Journal, November 2012

Cytotechnology, SCI Journal, October 2012

Cytotechnology, SCI Journal, September 2012

Cytotechnology, SCI Journal, July 2010

Scientific Consultations

European Commission H2020-MSCA-ITN-2016, Project Consultancy, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey, 2016 - 2016

European Commission H2020-MSCA-ITN-2016, Project Consultancy, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey, 2016 - 2016

European Commission H2020-MSCA-ITN-2016, Project Consultancy, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey, 2016 - 2016

European Commission H2020-MSCA-ITN-2016, Project Consultancy, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey, 2016 - 2016

European Commission H2020-MSCA-ITN-2016, Project Consultancy, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey, 2016 - 2016

European Commission H2020-MSCA-ITN-2016, Project Consultancy, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey, 2016 - 2016

European Commission H2020-MSCA-ITN-2016, Project Consultancy, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey, 2016 - 2016

European Commission H2020-MSCA-ITN-2016, Project Consultancy, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey, 2016 - 2016

Edit Congress and Symposium Activities

Uygulamalı Genomik Tıp Sempozyumu, Attendee, Ankara, Turkey, 2015

International ITU 6th Molecular Biology and Genetics Student Congress, Invited Speaker, İstanbul, Turkey, 2012

Popüler Moleküler Biyoloji ve Genetik, Hastalık Genetiği, Biyoloji ve Teknoloji, Attendee, İstanbul, Turkey, 2006

Citations

Total Citations (WOS):209

h-index (WOS):6

Scholarships

Tübitak Yurt İçi Yüksek Lisans Burs Programı, TÜBİTAK, 2007 - 2008

Non Academic Experience

Other, Max Planck Institute For Molecular Genetics, Molecular Cytogenetics