

## Prof. HASAN BASRİ İLA

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: B-6885-2018

Yoksis Researcher ID: 24732

### Education Information

Doctorate, Cukurova University, Fen Edebiyat Fakültesi, Turkey 1997 - 2002

Postgraduate, Cukurova University, Fen Edebiyat Fakültesi, Turkey 1994 - 1997

Undergraduate, Cukurova University, Fen Edebiyat Fakültesi, Turkey 1990 - 1994

### Foreign Languages

English, B1 Intermediate

### Dissertations

Doctorate, Spiramycin'in Sıçan Kemik İliği Hücrelerinde In vivo Kromozom Aberasyonu ve Mikronukleus Oluşumu Üzerindeki Etkileri, Cukurova University, Fen Edebiyat Fakültesi, Biyoloji, 2002

Postgraduate, Rovamycine Antibiyotiğinin Etkin Maddesi Spiramycin'in Sıçan Kemik İliği Hücrelerinde In vivo Genotoksik Etkileri, Cukurova University, Fen Edebiyat Fakültesi, Biyoloji, 1997

### Research Areas

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

### Academic Titles / Tasks

Professor, Cukurova University, Fen Edebiyat Fakültesi, Biyoloji, 2013 - Continues

Associate Professor, Cukurova University, Fen Edebiyat Fakültesi, Biyoloji, 2007 - 2013

Assistant Professor, Cukurova University, Fen Edebiyat Fakültesi, Biyoloji, 2002 - 2007

Research Assistant, Cukurova University, Fen Edebiyat Fakültesi, Biyoloji, 1995 - 2002

### Advising Theses

İLA H. B., Delphinidin Chloride Bileşiğinin Genotoksik ve Antigenotoksik Etkisi, Postgraduate, M.Tahir(Student), 2014  
İLA H. B., Flurbiprofen'in in vivo genotoksik etkileri, Postgraduate, T.TİMOÇİN(Student), 2014  
İLA H. B., Deferasiroks'un genotoksik ve sitotoksik etkisi, Doctorate, M.ARSLAN(Student), 2012  
İLA H. B., Üreme çağındaki kadınlarda adet döngüsü hormonlarındaki periyodik değişimlere bağlı olarak ortaya çıkan kromozom hassasiyetleri ve sitotoksik etkiler, Postgraduate, H.ERBOĞA(Student), 2012  
İLA H. B., Tamiflu'nun insan periferel lenfositlerinde in vitro genotoksik ve sitotoksik etkileri, Postgraduate, A.İLHAN(Student), 2009  
İLA H. B., Gıda koruyucu maddesi olan bifenil'in insan lenfositlerinde kromozom anormalliği, kardeş kromatid değişimi ve mikronukleus oluşumu üzerine etkileri, Postgraduate, Ş.PARLAK(Student), 2007

## Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Yrd. Doç. Kadrosuna Atama Jüriliği, Ardahan üniversitesi, January, 2014

Appointment to Academic Staff-Assistant Professorship, Profesörlük Kadrosuna Atama Jüriliği, İstanbul Üniversitesi, December, 2013

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of the genotoxic effects of patent blue V (E131) in human peripheral lymphocytes and in silico molecular docking**  
Hüsnet M. T., Misirli R. C., İstifli E. S., İla H. B.  
DRUG AND CHEMICAL TOXICOLOGY, vol.45, no.4, pp.1780-1786, 2022 (SCI-Expanded)
- II. **In vitro cytogenetic analysis of two different anti-phosphates (sevelamer hydrochloride and calcium carbonate) agents used by patients with hyperphosphatemia**  
Ulaya G., İLA H. B.  
DRUG AND CHEMICAL TOXICOLOGY, 2022 (SCI-Expanded)
- III. **Evaluation of in vitro and in vivo genotoxic and antigenotoxic effects of Rhus coriaria**  
Timoçin T., Arslan M., Basri İla H. B.  
DRUG AND CHEMICAL TOXICOLOGY, vol.44, no.4, pp.409-417, 2021 (SCI-Expanded)
- IV. **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 (SCI-Expanded)
- V. **Responses of biomarkers belonging to different metabolic systems of rats following oral administration of aluminium nanoparticle**  
CANLI E. G., İLA H. B., CANLI M.  
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.69, pp.72-79, 2019 (SCI-Expanded)
- VI. **Response of the antioxidant enzymes of rats following oral administration of metal-oxide nanoparticles (Al<sub>2</sub>O<sub>3</sub>, CuO, TiO<sub>2</sub>)**  
Canli E. G., İLA H. B., CANLI M.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.26, no.1, pp.938-945, 2019 (SCI-Expanded)
- VII. **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)
- VIII. **In vitro potential cytogenetic and oxidative stress effects of roxithromycin**  
Arslan M., TIMOCIN T., İLA H. B.  
DRUG AND CHEMICAL TOXICOLOGY, vol.40, no.4, pp.463-469, 2017 (SCI-Expanded)

- IX. **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)
- X. **Deferasirox-induced cytogenetic responses**  
Arslan M., İLA H. B.  
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.39, no.2, pp.787-793, 2015 (SCI-Expanded)
- XI. **Investigation of flurbiprofen genotoxicity and cytotoxicity in rat bone marrow cells**  
TIMOCIN T., İLA H. B.  
DRUG AND CHEMICAL TOXICOLOGY, vol.38, no.3, pp.355-360, 2015 (SCI-Expanded)
- 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 (SCI-Expanded)
- XIII. **Signs of deferasirox genotoxicity**  
İLA H. B., TOPAKTAŞ M., Arslan M., Buyukleyla M.  
CYTOTECHNOLOGY, vol.66, no.4, pp.647-654, 2014 (SCI-Expanded)
- XIV. **Cytogenetic effects of endogenous sex hormones depending on smoking habits**  
Erboga H., İLA H. B.  
TURKISH JOURNAL OF BIOLOGY, vol.37, no.6, pp.709-715, 2013 (SCI-Expanded)
- XV. **In vitro genotoxic perspective of Tamiflu**  
İLA H. B., İLHAN A.  
CYTOTECHNOLOGY, vol.64, no.4, pp.443-449, 2012 (SCI-Expanded)
- XVI. **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)
- XVII. **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)
- XVIII. **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)
- XIX. **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)
- XX. **The genotoxic effect of potassium metabisulfite using chromosome aberration, sister chromatid exchange, micronucleus tests in human lymphocytes and chromosome aberration test in bone marrow cells of rats**  
Yavuz-Kocaman A., Rencuzogullari E., İLA H. B., Topakatas M.  
ENVIRONMENTAL AND MOLECULAR MUTAGENESIS, vol.49, no.4, pp.276-282, 2008 (SCI-Expanded)
- XXI. **The effects of food protector biphenyl on sister chromatid exchange, chromosome aberrations, and micronucleus in human lymphocytes**  
Rencuzogullari E., Parlak S., İla H. B.  
DRUG AND CHEMICAL TOXICOLOGY, vol.31, no.2, pp.263-274, 2008 (SCI-Expanded)
- XXII. **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)
- XXIII. **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)

- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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. **The Eurasia Proceedings of Science Technology Engineering and Mathematics**  
DERELİ ÇALIŞKAN N. N., HÜSUNET M. T., İLA H. B., KARAGÖZ İ. D.  
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM), vol.12, pp.106-112, 2021 (Peer-Reviewed Journal)
- II. **In vitro cytogenetic evaluation of sertraline**  
İstifli E. S., ÇELİK R., Hüsün M. T., ÇETİNEL N., DEMİRHAN O., İLA H. B.  
Interdisiplinary Toxicology, vol.11, no.3, pp.101-108, 2019 (Scopus)
- III. **In vitro genotoxic and antigenotoxic effects of delphinidin chloride on human peripheral blood lymphocytes**  
HÜSUNET M. T., İLA H. B.  
MARMARA PHARMACEUTICAL JOURNAL, vol.22, no.2, pp.209-217, 2018 (ESCI)
- IV. **Determination of the Antibacterial Activity and Mutagenic Effect of the Antithyroid Drug Propylthiouracil (R), Propylthiouracil**  
ARSLAN M., ERBİL N., Timocin T., Celik R., HÜSUNET M. T., İLA H. B.  
KAHRAMANMARAS SUTCU İMAM UNIVERSITY JOURNAL OF NATURAL SCIENCES, vol.20, no.4, pp.350-354, 2017 (ESCI)

## Books & Book Chapters

- I. **Cytotoxicity Definition, Identification, and Cytotoxic Compounds**  
İstifli E. S., İLA H. B.  
Intechopen, London, 2019
- II. **Lymphocytes**  
İSTİFLİ E. S., İLA H. B.

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
- IV. **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
- V. **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
- VI. **Cell Division, Cytotoxicity, and the Assays Used in the Detection of Cytotoxicity**  
İstifli E. S., HÜSUNET M. T., İLA H. B.  
in: Cytotoxicity, İstifli Erman Salih, İla Hasan Basri, Editor, IntechOpen, pp.87-105, 2019

### Refereed Congress / Symposium Publications in Proceedings

- I. **L-Askorbik Asit'in (Vitamin C) İnsan Promiyelositik Kanser Hücre Hattında (HL-60) MTT Testi ile Araştırılması**  
HÜSUNET M. T., YILMAZ M. B., İLA H. B.  
1st INTERNATIONAL MULTIDISCIPLINARY CANCER RESEARCH CONGRESS, Turkey, 18 - 22 September 2019
- II. **Brown HT (E155)'in in vitro İnsan Periferik 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 Periferik 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. **In vitro cytogenetic toxicity of setraline**  
İSTİFLİ E. S., Çetinel N., ÇELİK MISIRLI R., HÜSUNET M. T., İLA H. B., DEMİRHAN O.  
2nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 October 2017, pp.886
- V. **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
- VI. **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
- VII. **Bougainvillea glabra (gelin duvağı) Ekstraktının Antimikrobiyal ve Antifungal Etkilerinin Araştırılması**  
HÜSUNET M. T., Yiğittekin E. S., DİNÇER S., İLA H. B.  
2nd International Mediterranean Science and Engineering Congress (IMSEC 2017) Çukurova University, Congress Center, October 25-27, 2017, Adana / TURKEY, Adana, Turkey, 25 - 27 October 2017, pp.671
- VIII. **In vitro cytogenotoxic effect of eucalyptol**  
İLA H. B., OZDEMİR E.  
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017, vol.256
- IX. **Delphinidin chloride bileşiğinin in vitro genotoksik ve antigenotoksik etkileri**  
HÜSUNET M. T., İLA H. B.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), 26 - 28 October 2016
- X. **Delphinidin chloride bileşiminin in vitro genotoksik ve antigenotoksik etkileri**  
HÜSUNET M. T., İLA H. B.

## Supported Projects

İLA H. B., ABDELSALAM A. H., Project Supported by Higher Education Institutions, Commiphora myrrha uçucu yağının in vitro sitogenotoksik ve mutajenik etkileri, 2019 - 2020

İLA H. B., MEŞE R., Project Supported by Higher Education Institutions, Yeni sentezlenmiş iki farklı benzoik asit türevi (4-(3-asetil-2-metil-4-fenil-1H-pirol-1-il) benzoik asit ve 4-(3-sinamoil-2-metil-4-fenil-1H-pirol-1-il) benzoik asit) molekülün insan periferel lenfositlerinde in vitro sitogenetik analizi, 2018 - 2020

İLA 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

İLA H. B., HÜSUNET M. T., Project Supported by Higher Education Institutions, BOUGAINVILLEA GLABRA (GELİN DUVAĞI) BİTKİSİNİN RENKLİ YAPRAKLARINDAN ELDE EDİLEN BİTKİSEL BOYA, 2016 - 2018

İLA H. B., Timoçin T., ARSLAN M., Project Supported by Higher Education Institutions, Rhus coriaria (Sumak) Meyve Özülerinin Genotoksik ve Antigenotoksik Etkilerinin In Vivo Yöntemlerle Araştırılması, 2016 - 2018

İLA H. B., Project Supported by Higher Education Institutions, In vitro cytogenotoxic effect of eucalyptol, 2017 - 2017

İSTİFLİ E. S., HÜSUNET M. T., İLA H. B., ÇELİK R., DEMİRHAN O., Çetinel N., Project Supported by Higher Education Institutions, Sertralinin Genotoksik Etkisinin Kültüre Edilmiş İnsan Periferel Lenfositlerine Spesifik Pantelomerik ve Pansentromerik Problar İle Karakterizasyonu, 2016 - 2017

İLA H. B., Okuyan S., Project Supported by Higher Education Institutions, Hypericum perforatum (Sarı Kantaron) Bitkisi Toprak Üstü Özütünün Genotoksik/Antigenotoksik Potansiyelinin Sıçanlarda In Vivo Yöntemlerle Araştırılması, 2016 - 2017

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

İLA H. B., ARSLAN M., Timoçin T., Project Supported by Higher Education Institutions, Roxithromycin antibiyotiğinin insan periferel lenfositlerinde in vitro genotoksik etkilerinin araştırılması, 2014 - 2016

İLA H. B., HÜSUNET M. T., Project Supported by Higher Education Institutions, Delphinidin Chloride Bileşiğinin In vitro Genotoksik ve Antigenotoksik Etkileri, 2014 - 2016

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

İLA H. B., Project Supported by Higher Education Institutions, Bilimsel yayın teşviği, 2014 - 2015

İLA H. B., Project Supported by Higher Education Institutions, 1,8- Cineole (Eucalyptol) Bileşiğinin In Vitro Genotoksik Etkileri, 2013 - 2015

## Metrics

Publication: 50

Citation (WoS): 314

Citation (Scopus): 353

H-Index (WoS): 9

H-Index (Scopus): 10