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Personal Information

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Education Information

Doctorate, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Turkey 2009 - 2015

Postgraduate, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Turkey 2006 - 2009

Undergraduate, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Turkey 2002 - 2006

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, T-2 toksininin kan-testis bariyeri üzerine etkisinin SerW3 hücre hattında araştırılması, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2015

Postgraduate, Furanın gelişmekte olan erkek sıçanların üreme sistemi üzerine etkilerinin araştırılması, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Genel Biyoloji (YI) (Tezli), 2009

Research Areas

Life Sciences, Animal Biology, Animal Tissue Culture, Animal Cytology and Histology, Natural Sciences

Academic Titles / Tasks

Research Assistant, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2007 - Continues

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

- I. **Osteogenic differentiation of adipose tissue-derived mesenchymal stem cells on fibrin glue- or fibronectin-coated Ceraform®**
Kılıç Süloğlu A., Karacaoğlu E., Akel H., Selmanoğlu G., Koçkaya E. A. , Karaaslan İ. Ç.
Journal Of Biomaterials Applications, vol.34, no.3, pp.375-385, 2019 (Journal Indexed in SCI)
- II. **Acrolein-mediated neurotoxicity in growing Wistar male rats**
SELMANOĞLU G., Ozgun G. M. , KARACAOĞLU E.
PESTICIDE BIOCHEMISTRY AND PHYSIOLOGY, vol.149, pp.37-43, 2018 (Journal Indexed in SCI)
- III. **T-2 toxin induces cytotoxicity and disrupts tight junction barrier in SerW3 cells**
KARACAOĞLU E., SELMANOĞLU G.

ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.56, pp.259-267, 2017 (Journal Indexed in SCI)

- IV. **Evaluation of apoptotic cell death mechanisms induced by hypericin-mediated photodynamic therapy in colon cancer cells**
KILIÇ SÜLOĞLU A., KARACAOĞLU E., SELMANOĞLU G., Akel H., KARAASLAN İ. Ç.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.3, pp.539-546, 2016 (Journal Indexed in SCI)
- V. **In vivo toxicity of a new antifungal agent 2,4-dithiophenoxy-1-iodo-4-bromo benzene: a follow up on our in vitro study**
SÜLOĞLU A. K. , Kockaya E. A. , KARACAOĞLU E., SELMANOĞLU G., Logoglu E.
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.66, no.1, pp.63-72, 2015 (Journal Indexed in SCI)
- VI. **Cytotoxic Effects of a Novel Thialo Benzene Derivative 2,4-Dithiophenoxy-1-iodo-4-bromobenzene (C18H12S2IBr) in L929 Cells**
Suloglu A. K. , KARACAOĞLU E., Kockaya E. A. , SELMANOĞLU G., Logoglu E.
INTERNATIONAL JOURNAL OF TOXICOLOGY, vol.33, no.4, pp.319-324, 2014 (Journal Indexed in SCI)
- VII. **Vinclozolin exposure throughout pregnancy and its developmental toxicity**
Kockaya E. A. , Suloglu A. K. , KARACAOĞLU E., SELMANOĞLU G.
TOXICOLOGY RESEARCH, vol.3, no.5, pp.375-383, 2014 (Journal Indexed in SCI)
- VIII. **Histopathological effects of the food contaminant furan on some endocrine glands of prepubertal male rats**
KARACAOĞLU E., SELMANOĞLU G., Kilic A.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.42, pp.1207-1213, 2012 (Journal Indexed in SCI)
- IX. **Toxicity of food contaminant furan on liver and kidney of growing male rats**
SELMANOĞLU G., KARACAOĞLU E., Kilic A., Kockaya E. A. , AKAY M. T.
ENVIRONMENTAL TOXICOLOGY, vol.27, no.10, pp.613-622, 2012 (Journal Indexed in SCI)
- X. **Does furan affect the thymus in growing male rats?**
Kockaya E. A. , Kilic A., KARACAOĞLU E., SELMANOĞLU G.
DRUG AND CHEMICAL TOXICOLOGY, vol.35, no.3, pp.316-323, 2012 (Journal Indexed in SCI)
- XI. **Effects of heat-induced food contaminant furan on reproductive system of male rats from weaning through postpuberty**
KARACAOĞLU E., Selmanoglu G.
FOOD AND CHEMICAL TOXICOLOGY, vol.48, no.5, pp.1293-1301, 2010 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Antioxidant Effects of Epigallocatechin Gallate in Cerulein-Induced Pancreatitis**
Karacaoğlu E., Girgin G., Selmanoğlu G., Baydar T.
European Journal of Biology, vol.78, no.2, pp.125-132, 2019 (Refereed Journals of Other Institutions)
- II. **Subchronic Exposure of Heat-induced Food Contaminant Acrolein: Evaluation of Toxicological Effects on Male Reproductive Tract from Weaning to Postpuberty**
KARACAOĞLU E., SELMANOĞLU G.
Hacettepe Journal of Biology and Chemistry, vol.45, pp.609-616, 2018 (Refereed Journals of Other Institutions)
- III. **Influence of subacute melatonin treatment on antioxidant factors in the liver of female rats**
MOHAMMED FATHI A., KARACAOĞLU E., GİRGIN G., KILICARSLAN B., SELMANOĞLU G., BAYDAR T.
Journal of Experimental and Applied Animal Science, vol.1, pp.359-388, 2015 (Refereed Journals of Other Institutions)
- IV. **Are there any toxic effects of food additive tricalcium phosphate on pregnant rats and their fetuses**
KILIÇ SÜLOĞLU A., KARACAOĞLU E., SELMANOĞLU G., KOÇKAYA E. A. , AKAY M. T.
Hacettepe Journal of Biology and Chemistry, vol.40, no.2, pp.171-181, 2012 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **Antioxidant effects of flavonoid neoeriocitrin on streptozotocin-induced INS-1E cell diabetic model**
KARACAOĞLU E., Aldemir E. E. , SELMANOĞLU G.
XXVII. BALKAN CLINICAL LABORATORY FEDERATION MEETING BCLF 2019, XXX. NATIONAL CONGRESS OF THE TURKISH BIOCHEMICAL SOCIETY TBS 2019, 27 - 31 October 2019, vol.44, pp.56-57
- II. **Triazole fungicide flusilazole induced cytotoxicity in SerW3 cells**
KARACAOĞLU E.
XXVII. BALKAN CLINICAL LABORATORY FEDERATION MEETING BCLF 2019 XXX. NATIONAL CONGRESS OF THE TURKISH BIOCHEMICAL SOCIETY TBS 2019, Antalya, Turkey, 27 - 31 October 2019, vol.44, pp.112
- III. **T-2 Mycotoxin Triggers Apoptosis in SerW3 Cells by Caspase-3 and Caspase-9 Dependent Pathway**
KARACAOĞLU E., KILIÇ SÜLOĞLU A., SELMANOĞLU G.
International Symposium Ecology 2018, 19 - 23 June 2018
- IV. **Histological evaluation of osteogenesis in mesenchymal stem cells on fibrin glue and fibronectin coated Ceraform**
KILIÇ SÜLOĞLU A., KOÇKAYA E. A. , KARACAOĞLU E., SELMANOĞLU G.
7th International Molecular Biology and Biotechnology Congress, 24 - 27 April 2018
- V. **Investigation of Osteogenic Associated Genes in A New Generation Bone Substitute: Combination of Mesenchymal Stem Cells and Fibrin Glue Coated Ceraform**
SELMANOĞLU G., KILIÇ SÜLOĞLU A., KARACAOĞLU E., KOÇKAYA E. A. , AKEL H., KARAASLAN İ. Ç.
7th International Congress on Molecular Biology and Biotechnology, 25 - 27 April 2018
- VI. **Benzil Benzoatın Gelişmekte olan Erkek Sıçanlarda Timus Doku Üzerindeki Etkilerinin İncelenmesi**
KILIÇ SÜLOĞLU A., KARACAOĞLU E., KOÇKAYA E. A. , SELMANOĞLU G.
XIII. Uluslararası Katılımlı Ekoloji ve Çevre Kongresi, 12 - 15 September 2017
- VII. **Biyosit ve besin kirleticisi olan akroleinin sıçanlarda sinir sistemi üzerine etkileri/Impacts of Acrolein as a Biocide and Food Contaminant on Nervous System of Rat**
KARACAOĞLU E., MÜLAYİMÇELİK ÖZGÜN G., SELMANOĞLU G.
XIII. Congress of Ecology and Environment With International Participation, Edirne, Turkey, 12 - 15 September 2017
- VIII. **Benzil Benzoatın Gelişmekte olan Erkek Sıçanlarda Timus Doku Üzerindeki Etkilerinin İncelenmesi / Evaluation of the Effects of Benzyl Benzoate on Growing Male Rat Thymus Tissue**
KILIÇ SÜLOĞLU A., KARACAOĞLU E., KOÇKAYA E. A. , SELMANOĞLU G.
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- IX. **Comparison of viability and osteogenic potential of mesenchymal stem cells on fibrin glue or fibronectin coated ceraform®**
KILIÇ SÜLOĞLU A., KARACAOĞLU E., KOÇKAYA E. A. , SELMANOĞLU G.
European Biotechnology Congress, 25 - 27 December 2017, vol.256, pp.42-43
- X. **Comparison of Viability and Osteogenic Potential of Mesenchymal Stem Cells on Fibrin Glue or Fibronectin Coated Ceraform®.**
KILIÇ SÜLOĞLU A., KARACAOĞLU E., KOÇKAYA E. A. , SELMANOĞLU G.
European Biotechnology Congress, 25 - 27 May 2017
- XI. **T-2 toxin disrupts Sertoli cell barrier via changes in tight and adherent junctional proteins in SerW3 cells**
KARACAOĞLU E., SELMANOĞLU G.
15th International Congress of Histochemistry and Cytochemistry, Antalya, Turkey, 18 - 21 May 2017
- XII. **Evaluation of osteogenically induced adipose tissue derived mesenchymal stem cell on fibrin glue coated ceraform by scanning electron microscopy**
KILIÇ SÜLOĞLU A., KARACAOĞLU E.
15th International Congress of Histochemistry and Cytochemistry, Antalya, Turkey, 18 - 21 May 2017
- XIII. **A Scanning Electron Microscope Examination of Osteogenic and Adhesive Potentials of Adipose-derived Stem Cells on Ceraform®**

- KARACAOĞLU E., KILIÇ SÜLOĞLU A., KOÇKAYA E. A. , SELMANOĞLU G.
22nd Biomedical Science and Technology Symposium, Biomed 2017, Ankara, Turkey, 12 - 14 May 2017
- XIV. **Evaluating Osteogenic Induction of Adipose Tissue Derived Mesenchymal Stem Cells on Fibrin Glue or Fibronectin Coated Ceraform®**
KILIÇ SÜLOĞLU A., KARACAOĞLU E., KOÇKAYA E. A. , SELMANOĞLU G.
22nd Biomedical Science and Technology Symposium, 12 - 14 May 2017
- XV. **Evaluating osteogenic induction of adipose derived mesenchymal stem cells on fibrin glue or fibronectin coated ceraform.**
KILIÇ SÜLOĞLU A., KARACAOĞLU E., KOÇKAYA E. A. , SELMANOĞLU G.
22nd International Biomedical Science and Technology Symposium, Ankara, Turkey, 12 - 14 May 2017
- XVI. **Gene expressions of mesenchymal stem cells after osteogenic induction on ceraform bone substitute**
KILIÇ SÜLOĞLU A., KARACAOĞLU E., AKEL H., KARAASLAN İ. Ç.
FEBS 2016, 3 - 08 September 2016
- XVII. **Expressions of Apoptosis Related Proteins in Colon Cancer Cells After HYP Induced Phototherapy**
KILIÇ SÜLOĞLU A., KARACAOĞLU E., SELMANOĞLU G., KARAASLAN İ. Ç.
2nd International Congress Of Forensic Toxicology Industrial and Environmental Toxicology, 26 - 30 June 2016
- XVIII. **Preliminary Investigation of Subacute Melatonin Treatment on Rats**
ABDALLAH M. F. , KARACAOĞLU E., KILIÇARSLAN B., GİRGİN G., SELMANOĞLU G., BAYDAR T.
11. International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 9 - 12 June 2015
- XIX. **The evaluation of cytotoxic effects of supplementary glutamine consumption in hypericin mediated photo dynamic therapy in colon cancer cells**
KILIÇ SÜLOĞLU A., KARACAOĞLU E., SELMANOĞLU G.
1st International Congress and Workshop of Forensic Toxicology, 29 November - 30 December 2014
- XX. **Vinclozolin exposure during pregnancy in Wistar rats Evaluation of toxicity on fetal bone development and fetal liver**
KARACAOĞLU E., KILIÇ SÜLOĞLU A., KOÇKAYA E. A. , SELMANOĞLU G.
1st International Congress and Workshop on Forensic Toxicology, 29 - 30 November 2014
- XXI. **In vitro cytotoxicity assessment of a trichotecene mycotoxin T 2 toxin on SerW3 cells**
KARACAOĞLU E., SELMANOĞLU G.
9th World Congress on Alternatives and Animal Use in the Life Sciences, Prag, Czech Republic, 24 - 28 August 2014, vol.3
- XXII. **Yeni sentezlenen 2 4 ditiyofenil 1 iodo 4 bromobenzen in C18H12S2IBr sitotoksisitesinin L929 hücrelerinde değerlendirilmesi**
KARACAOĞLU E., KILIÇ SÜLOĞLU A., KOÇKAYA E. A. , SELMANOĞLU G.
22. Ulusal Biyoloji Kongresi, Turkey, 23 - 27 June 2014
- XXIII. **Yeni sentezlenen 2 4 ditiyofenil 1 iyodo 4 bromo benzenin C18H12S2IBr sitotoksisitesinin L929 hücrelerinde değerlendirilmesi**
KARACAOĞLU E., KILIÇ SÜLOĞLU A., KOÇKAYA E. A. , SELMANOĞLU G.
22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014
- XXIV. **HT 29 kolon adenokarsinom hücrelerinde hiperisin aracılı fotodinamik tedavinin hücresel ve moleküler düzeyde araştırılması**
KARACAOĞLU E., KILIÇ SÜLOĞLU A., KOÇKAYA E. A. , SELMANOĞLU G.
22. Ulusal Biyoloji Kongresi, Turkey, 23 - 27 June 2014
- XXV. **Alterations in survivin and caspase-3 expressions after hypericin mediated PDT in HT-29 and Caco-2 cells**
KILIÇ SÜLOĞLU A., KARAASLAN İ. Ç. , KARACAOĞLU E., SELMANOĞLU G.
49th Congress of the European Societies of Toxicology, 1 - 04 September 2013, vol.221, pp.166
- XXVI. **Subchronic reproductive toxicity in prepubertal male rats exposed to food contaminant acrolein**
KARACAOĞLU E., SELMANOĞLU G., ÖZGÜN G.
49th Congress of the European Societies of Toxicology, 1 - 04 September 2013, vol.221, pp.215
- XXVII. **HT 29 kolon adenokarsinom hücrelerinde glutamin kısıtlamasının hiperisin aracılı fotodinamik terapi**

sonrasında hücre canlılığı üzerine etkileri

KILIÇ SÜLOĞLU A., KARACAOĞLU E., SELMANOĞLU G.

II. Bölgesel Toksikoloji Sempozyumu, Eskişehir, Turkey, 3 - 04 May 2013

- XXVIII. **Biochemical and histological evaluations of dicarboximide fungicide vinclozolin on pregnant Wistar albino rats**
KOÇKAYA E. A. , KARACAOĞLU E., KILIÇ SÜLOĞLU A., SELMANOĞLU G.
XII. International Congress of Toxicology, 19 - 23 July 2010, vol.196, pp.235
- XXIX. **Sıçanların plasentaları ve fetusları üzerine vinclozolinin etkileri**
KOÇKAYA E. A. , KILIÇ SÜLOĞLU A., KARACAOĞLU E., SELMANOĞLU G.
20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- XXX. **Does lycopene play a protective role in low dose aflatoxin B1 induced hepatotoxicity in rats**
BAYDAR T., GİRGİN G., SELMANOĞLU G., KARACAOĞLU E., KILIÇ SÜLOĞLU A., BALCI S., ŞAHİN G.
32th Mycotoxin Workshop, 14 - 20 June 2010
- XXXI. **Does lycopene play a protective role in low dose aflatoxin B1 induced hepatotoxicity in rats**
BAYDAR T., GİRGİN G., SELMANOĞLU G., KARACAOĞLU E., KILIÇ SÜLOĞLU A., BALCI S., ŞAHİN G.
32nd Mycotoxin Workshop, Denmark, 14 - 16 June 2010
- XXXII. **Effects of furan naturally occurring food contaminant on endocrine glands in male rats at puberty**
KARACAOĞLU E., SELMANOĞLU G., KILIÇ SÜLOĞLU A.
27th Annual Workshop of the Scandinavian Society for Cell Toxicology, Czech Republic, 16 August - 19 September 2009
- XXXIII. **Effects of furan naturally occurring food contaminant on endocrine glands in male rats**
KARACAOĞLU E., SELMANOĞLU G., KILIÇ SÜLOĞLU A., KOÇKAYA E. A.
27th Annual Workshop of the Scandinavian Society for Cell Toxicology, Czech Republic, 16 - 19 September 2009
- XXXIV. **Investigation of kidney toxicity in benzyl benzoate treated male rats**
SELMANOĞLU G., KARACAOĞLU E., KILIÇ SÜLOĞLU A., KOÇKAYA E. A. , AKAY M. T.
VII. World Congress on Alternatives of Animal Use in The Life Science, Italy, 30 August - 03 September 2009
- XXXV. **Histopathological evaluation of liver and kidney in rats fed with genetically modified Bt corn for three generation**
SELMANOĞLU G., KARACAOĞLU E., KILIÇ SÜLOĞLU A., KOÇKAYA E. A. , AKAY M. T.
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- XXXVI. **Effects of furan on thymus of male rats from weaning to puberty**
SELMANOĞLU G., KARACAOĞLU E., KILIÇ SÜLOĞLU A., KOÇKAYA E. A. , AKAY M. T.
7th World Congress Alternatives to Animal Experimentation, 21 - 25 August 2009
- XXXVII. **Besin Yoluyla Alınan Furanın Gelişmekte Olan Erkek Sıçanlarda Üreme Sistemi Üzerindeki Etkileri**
KARACAOĞLU E., SELMANOĞLU G.
7. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Turkey, 30 May - 01 June 2009
- XXXVIII. **Investigation of reproductive effects of furan in growing male rats**
KARACAOĞLU E., SELMANOĞLU G.
The 45th Congress of the European Societies of Toxicology, 5 - 08 October 2008, vol.180, pp.70
- XXXIX. **Evaluation of furan toxicity on liver and kidney in male rats**
SELMANOĞLU G., KARACAOĞLU E.
45th Congress of European Societies of Toxicology, 5 - 08 October 2008
- XL. **Antifungal aktiviteye sahip yeni bir tihalobenzen türevinin erkek sıçanların üreme sistemi üzerine etkileri**
KILIÇ SÜLOĞLU A., SELMANOĞLU G., KOÇKAYA E. A. , KARACAOĞLU E., LOĞOĞLU E.
19. Ulusal Biyoloji Kongresi, Turkey, 23 - 27 June 2008
- XLI. **Comparison of fluconazole and a novel antifungal thiohalo benzene derivative induced changes in histopathology and haematological parameters in rats**
KOÇKAYA E. A. , KILIÇ SÜLOĞLU A., SELMANOĞLU G., KARACAOĞLU E., LOĞOĞLU E.
The 44th Congress of The European Societies of Toxicology, 7 - 10 October 2007

Supported Projects

KILIÇ SÜLOĞLU A., SELMANOĞLU G., KARACAOĞLU E., Project Supported by Higher Education Institutions, Hücre Saklama Koşullarının Devamlılığının Sağlanması ve İn vitro Plasenta Modelinin Oluşturulması, 2018 - 2019

KARACAOĞLU E., Project Supported by Higher Education Institutions, 22 Uluslararası Biyomedikal Bilim ve Teknoloji Sempozyumu'na Katılım Desteği, 2017 - 2017

KILIÇ SÜLOĞLU A., SELMANOĞLU G., KARACAOĞLU E., Project Supported by Higher Education Institutions, Mezenşimal Kök Hücrelerin Fibrin Glue veya Fibronektin Kaplı Ceraform Üzerindeki Canlılığının ve Osteojenik Potansiyelinin Karşılaştırılması, 2017 - 2017

KARACAOĞLU E., SELMANOĞLU G., Project Supported by Higher Education Institutions, T2 toksini SerW3 hücre bariyerini sıkı bağlantı ve kemer bağlantı proteinlerinde değişikliğe neden olarak bozmaktadır, 2017 - 2017

KARACAOĞLU E., KILIÇ SÜLOĞLU A., Project Supported by Higher Education Institutions, HepG2 Hücre Hattının Üretilmesi, 2016 - 2017

KARACAOĞLU E., SELMANOĞLU G., KILIÇ SÜLOĞLU A., Project Supported by Higher Education Institutions, Hücre Kültürü Araştırmalarında Kullanılan Hücre Hatlarının Üretilmesi ve Saklanması, 2016 - 2016

SELMANOĞLU G., KARACAOĞLU E., Project Supported by Higher Education Institutions, T2 Toksininin KanTestis Bariyeri Üzerine Etkisinin SerW3 Hücre Hattında Araştırılması, 2015 - 2015

Citations

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