

# Prof. GÜLDENİZ SELMANOĞLU

## Personal Information

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## Education Information

Doctorate, Hacettepe University, Fen Bilimleri, Biyoloji, Turkey 1991 - 1998

## Dissertations

Doctorate, Karbaril, Endosülfan ve Dimetoatın Sıçanlar Üzerine Birlikte Etkisinin Histopatolojik, Hematolojik ve Biyokimyasal İncelenmesi, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 1998

## Research Areas

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

## Academic Titles / Tasks

Professor, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 2009 - Continues

Associate Professor, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 2003 - 2009

Research Assistant, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, 1989 - 2003

## Academic and Administrative Experience

Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 2014 - Continues

## Courses

SİTOLOJİ, Undergraduate, 2016 - 2017

Embriyoloji, Undergraduate, 2016 - 2017

HÜCRE ÖLÜM YOLLARI VE MEKANİZMASI, Postgraduate, 2016 - 2017

HÜCRE HASARLARININ MEKANİZMASI, Doctorate, 2016 - 2017

## Advising Theses

SELMANOĞLU G., Fipronilin nöroblastom SH-SY5Y hücre hattında sitotoksik etkisinin araştırılması, Postgraduate, Ö.NUR(Student), 2016

SELMANOĞLU G., T-2 toksininin kan-testis bariyeri üzerine etkisinin SerW3 hücre hattında araştırılması, Doctorate, E.KARACAOĞLU(Student), 2015

SELMANOĞLU G., Benzil benzoatın sitotoksitesinin in vitro koşullar altında araştırılması, Postgraduate, A.KARTAL(Student), 2015

SELMANOĞLU G., Akroleinin nörotoksik etkilerinin sıçanlarda araştırılması, Postgraduate, G.MÜLAYİMÇELİK(Student), 2012

SELMANOĞLU G., HT-29 ve Caco-2 hücrelerinde hiperisin ile fotoaktivasyona bağlı değişikliklerin moleküler, akış sitometrisi, immünfloresan ve spektrofotometrik yöntemler ile araştırılması, Doctorate, A.KILIÇ(Student), 2012

SELMANOĞLU G., Furanın gelişmekte olan erkek sıçanların üreme sistemi üzerine etkilerinin araştırılması, Postgraduate, E.KARACAOĞLU(Student), 2009

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

- I. **The Potential Protective Role of Neoeriocitrin in a Streptozotocin-Induced Diabetic Model in INS-1E Pancreatic  $\beta$ -Cells**  
Aldemir E. E., SELMANOĞLU G., KARACAOĞLU E.  
Brazilian Archives of Biology and Technology, vol.66, 2023 (SCI-Expanded)
- II. **Toxicity of benzyl benzoate as a food additive and pharmaceutical agent**  
KILIÇ SÜLOĞLU A., KOÇKAYA E. A., SELMANOĞLU G.  
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.38, no.4, pp.221-233, 2022 (SCI-Expanded)
- III. **Evaluation of isoindole derivatives: Antioxidant potential and cytotoxicity in the HT-29 colon cancer cells**  
Kılıç Süloğlu A., Selmanoğlu G., Gundogdu O., Kishalı N., Girgin G., Palabiyik S., Tan A., Kara Y., Baydar T.  
ARCHIV DER PHARMAZIE, vol.353, no.11, 2020 (SCI-Expanded)
- IV. **Neurotoxic Effect of Fipronil in Neuroblastoma SH-SY5Y Cell Line**  
Kanat O. N., SELMANOĞLU G.  
NEUROTOXICITY RESEARCH, vol.37, no.1, pp.30-40, 2020 (SCI-Expanded)
- V. **CYTOTOXIC ACTIVITY STUDIES OF SOME PLATINUM(II) COMPLEXES WITH 2-SUBSTITUTED BENZIMIDAZOLE LIGANDS**  
ÖZÇELİK A. B., GÜMÜŞ F., KILIÇ SÜLOĞLU A., SELMANOĞLU G.  
REVUE ROUMAINE DE CHIMIE, vol.64, no.9, pp.829-834, 2019 (SCI-Expanded)
- VI. **An Electron paramagnetic resonance (EPR) spin labeling study in HT-29 Colon adenocarcinoma cells after Hypericin-mediated photodynamic therapy**  
Yonar D., Suloglu A., SELMANOĞLU G., Sunnetcioglu M. M.  
BMC MOLECULAR AND CELL BIOLOGY, vol.20, 2019 (SCI-Expanded)
- VII. **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 (SCI-Expanded)
- VIII. **Anatolian sage Salvia frutescens inhibits cytosolic glutathione-S-transferase activity and colon cancer cell proliferation**  
ALTAY A., Suloglu A., Celep G. S., SELMANOĞLU G., Bozoglu F.  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.13, no.2, pp.1390-1399, 2019 (SCI-Expanded)
- IX. **Studies on the synthesis, characterization, cytotoxic activities and plasmid DNA binding of platinum(II) complexes having 2-substituted benzimidazole ligands**  
Gozelle M., Suloglu A., SELMANOĞLU G., Ramazanoglu N., Acik L., Gumus F.  
POLYHEDRON, vol.161, pp.298-308, 2019 (SCI-Expanded)
- X. **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 (SCI-Expanded)

- XI. **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 (SCI-Expanded)
- XII. **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 (SCI-Expanded)
- XIII. **Comparison of phototoxic effects of hypericin-mediated photodynamic therapy in HT-29 and Caco-2 colon cancer cells**  
KILIÇ SÜLOĞLU A., SELMANOĞLU G., YILMAZ S., CANPINAR H.  
TURKISH JOURNAL OF BIOLOGY, vol.40, no.6, pp.1202-1218, 2016 (SCI-Expanded)
- XIV. **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 (SCI-Expanded)
- XV. **Alterations in dysadherin expression and F-actin reorganization: a possible mechanism of hypericin-mediated photodynamic therapy in colon adenocarcinoma cells**  
Suloglu A., SELMANOĞLU G., AKAY M. T.  
CYTOTECHNOLOGY, vol.67, no.2, pp.311-330, 2015 (SCI-Expanded)
- XVI. **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 (SCI-Expanded)
- XVII. **Possible effects of lycopene and silymarin on rat liver functions and oxidative stress markers**  
Suloglu A. K., Girgin G., Selmanoğlu G., Balcı S., Baydar T.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.39, pp.344-350, 2014 (SCI-Expanded)
- XVIII. **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 (SCI-Expanded)
- XIX. **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 (SCI-Expanded)
- XX. **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 (SCI-Expanded)
- XXI. **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 (SCI-Expanded)
- XXII. **Pathological and biochemical effects of therapeutic and suprathereapeutic doses of celecoxib in Wistar albino male rats**  
Kockaya E. A., SELMANOĞLU G., KISMET K., AKAY M. T.  
DRUG AND CHEMICAL TOXICOLOGY, vol.33, no.4, pp.410-414, 2010 (SCI-Expanded)
- XXIII. **EVALUATION OF PATULIN TOXICITY IN THE THYMUS OF GROWING MALE RATS**  
Kockaya E. A., Selmanoglu G., Ozsoy N., Gul N.  
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.60, no.4, pp.411-418, 2009 (SCI-Expanded)
- XXIV. **Effect of patulin on the interdigitating dendritic cells (IDCs) of rat thymus**  
Ozsoy N., Selmanoglu G., Kockaya E. A., Gul N., Cebesoy S.  
CELL BIOCHEMISTRY AND FUNCTION, vol.26, no.2, pp.192-196, 2008 (SCI-Expanded)

- XXV. **Evaluation of toxicity of benzyl benzoate in male rats**  
Kockaya E. A., Selmanoglu G., Kilic A., Akay M. T.  
TOXICOLOGY LETTERS, vol.172, 2007 (SCI-Expanded)
- XXVI. **Evaluation of the reproductive toxicity of patulin in growing male rats**  
Selmanoglu G.  
FOOD AND CHEMICAL TOXICOLOGY, vol.44, no.12, pp.2019-2024, 2006 (SCI-Expanded)
- XXVII. **Effects of patulin on thymus capillary of rats**  
GUL N., OZSOY N., OSMANAGAĞLU O., Selmanoglu G., Kockaya E. A.  
CELL BIOCHEMISTRY AND FUNCTION, vol.24, no.6, pp.541-546, 2006 (SCI-Expanded)
- XXVIII. **The effect of pollen on serum parameters of rats**  
Selmanoglu G., Hayretdag S., Kolankaya D., Tuylu A. O., Sorkun K.  
TOXICOLOGY LETTERS, vol.164, 2006 (SCI-Expanded)
- XXIX. **Subacute toxicity of celecoxib on thyroid and testis of rats: Hormonal and histopathological changes**  
Selmanoglu G., Kockaya E. A., AKAY M. T., KISMET K.  
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.22, no.1, pp.85-89, 2006 (SCI-Expanded)
- XXX. **The effect of Trifolium, Raphanus, and Cistus pollen grains on some blood parameters and mesentery mast cells**  
Kolankaya D., Senturk H., Tuylu A., Hayretdag S., Selmanoglu G., Sorkun K.  
ZEITSCHRIFT FUR NATURFORSCHUNG SECTION C-A JOURNAL OF BIOSCIENCES, vol.61, pp.421-426, 2006 (SCI-Expanded)
- XXXI. **Dose-dependent effects of carbendazim on rat thymus**  
SONGUR S., KOCKAYA E., SELMANOĞLU G., Barlas N.  
CELL BIOCHEMISTRY AND FUNCTION, vol.23, no.6, pp.457-460, 2005 (SCI-Expanded)
- XXXII. **Investigation of the effects of patulin on thyroid and testis, and hormone levels in growing male rats**  
Selmanoglu G., Kockaya E.  
FOOD AND CHEMICAL TOXICOLOGY, vol.42, no.5, pp.721-727, 2004 (SCI-Expanded)
- XXXIII. **Protective effects of Turkish propolis on alcohol-induced serum lipid changes and liver injury in male rats**  
Kolankaya D., SELMANOĞLU G., SORKUN K., SALIH B.  
FOOD CHEMISTRY, vol.78, no.2, pp.213-217, 2002 (SCI-Expanded)
- XXXIV. **Effects of carbendazim on rat thyroid, parathyroid, pituitary and adrenal glands and their hormones**  
Barlas N., SELMANOĞLU G., KOCKAYA A., SONGUR S.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.21, no.4, pp.217-221, 2002 (SCI-Expanded)
- XXXV. **Carbendazim-induced haematological, biochemical and histopathological changes to the liver and kidney of male rats**  
SELMANOĞLU G., Barlas N., SONGUR S., KOCKAYA E.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.20, no.12, pp.625-630, 2001 (SCI-Expanded)

## 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 (Peer-Reviewed Journal)
- 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 (Peer-Reviewed Journal)
- 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 (Peer-Reviewed Journal)

- IV. **Influence of subacute melatonin treatment on antioxidative factors in the liver of female rats**  
Abdallah M. F., KARACAOĞLU E., GİRGIN G., KILIÇARSLAN B., SELMANOĞLU G., BAYDAR T.  
Journal of Experimental and Applied Animal Science, vol.1, pp.359-368, 2015 (Peer-Reviewed Journal)
- V. **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 (Peer-Reviewed Journal)
- VI. **The Effect of Pollen on Some Reproductive Parameters of Male Rats**  
SELMANOĞLU G., Hayretdağ S., KOLANKAYA D., ÖZKÖK A., SORKUN K.  
Pesticidi i Fitomedicina(Pestic. Phytomed.(Belgrade), vol.24, pp.59-63, 2009 (Peer-Reviewed Journal)
- VII. **The Effect of Pollen on Serum Parametres, and Liver and Kidney Tissues of Rats.**  
SELMANOĞLU G., Hayretdağ S., KOLANKAYA D., ÖZKÖK A., SORKUN K.  
Pesticidi i Fitomedicina(Pestic. Phytomed.(Belgrade), vol.22, pp.59-64, 2007 (Peer-Reviewed Journal)

### 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. **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
- III. **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
- IV. **2-SÜBSTİTÜE BENZİMİDAZOL TÜREVİ LİGANDLARI TAŞIYAN PLATİN(II) KOMPLEKSLERİNİN SENTEZ VE SİTOTOKSİK ETKİLERİ ÜZERİNDE ÇALIŞMALAR**  
GÖZELLE M., GÜMÜŞ F., KILIÇ SÜLOĞLU A., SELMANOĞLU G., RAMAZANOĞLU N., AÇIK L.  
V. Ulusal Farmasötik Kimya Kongresi, Turkey, 28 April - 01 May 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. **Cytotoxic Avity Studies of Some Platinum (II) Complexes with Benzimidazole Ligands**  
ÖZÇELİK A. B., Gümüş F., KILIÇ SÜLOĞLU A., SELMANOĞLU G.  
2nd International Gazi Pharma Symposium, 11 - 13 October 2017
- VII. **Synthesis, Cytotoxicity and DNA interactions of Platinum(II) Complexes Having Substituted Benzimidazole Ligands**  
GÖZELLE M., GÜMÜŞ F., KILIÇ SÜLOĞLU A., SELMANOĞLU G., Ramazanoğlu N., AÇIK L.  
2nd International Gazi Pharma Symposium Series, 11 - 13 October 2017
- VIII. **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
- IX. **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.  
XIII. Congress of Ecology and Environment With International Participation, 12 - 15 September 2017
- X. **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

- XI. **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
- XII. **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
- XIII. **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
- XIV. **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
- XV. **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
- XVI. **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
- 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. **Hypericin Induced Changes In Cytotoxicity And Metabolic Activities In HT 29 Adenocarcinoma Cells**  
KILIÇ SÜLOĞLU A., SELMANOĞLU G.  
2nd International Congress Of Forensic Toxicology Industrial and Environmental Toxicology, 26 - 30 June 2016
- XIX. **Evaluation of cytotoxicity of new cantharimide derivatives on human colon cancer cell line HT-29**  
SULOĞLU A. K., KANAT O. N., GİRGİN G., KARA Y., SELMANOĞLU G., BAYDAR T.  
51st Congress of the European-Societies-of-Toxicology (EUROTOX), Porto, Portugal, 13 - 16 September 2015, vol.238
- XX. **Evaluation of cytotoxicity of new cantharimide derivatives on human colon cancer line HT 29**  
KILIÇ SÜLOĞLU A., Kanat O., GİRGİN G., KARA Y., SELMANOĞLU G., BAYDAR T.  
51st Congress of the European Societies of Toxicology (EUROTOX), Porto, Portugal, 13 - 16 September 2015, vol.238, pp.240-241
- XXI. **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
- XXII. **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
- XXIII. **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

- XXIV. **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
- XXV. **Electron paramagnetic resonance Epr spin labeling study of HT 29 colon adenocarcinoma cells after hypericin mediated photodynamic therapy**  
KILIÇ SÜLOĞLU A., YONAR D., SÜNNETÇİOĞLU M., SELMANOĞLU G.  
9th World Congress on Alternatives and Animal Use in The Life Science, Czech Republic, 22 - 24 August 2014
- XXVI. **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
- XXVII. **Yeni sentezlenen 2 4 ditiyofenil 1 iyodo 4 bromo benzenin C18H12S2IBr sitotoksitesinin L929 hücrelerinde değerlendirilmesi**  
KARACAOĞLU E., KILIÇ SÜLOĞLU A., KOÇKAYA E. A., SELMANOĞLU G.  
22. Ulusal Biyoloji Kongresi, Eskişehir, Turkey, 23 - 27 June 2014
- XXVIII. **Yeni sentezlenen 2 4 ditiyofenil 1 iodo 4 bromobenzen in C18H12S2IBr sitotoksitesinin L929 hücrelerinde değerlendirilmesi**  
KARACAOĞLU E., KILIÇ SÜLOĞLU A., KOÇKAYA E. A., SELMANOĞLU G.  
22. Ulusal Biyoloji Kongresi, Turkey, 23 - 27 June 2014
- XXIX. **Subchronic reproductive toxicity in prepubertal male rats exposed to food contaminant acrolein**  
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- XXX. **Alterations in survivin and caspase-3 expressions after hypericin mediated PDT in HT-29 and Caco-2 cells**  
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- XXXI. **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
- XXXII. **Hiperisin aracılı fotodinamik terapinin HT 29 kolon adenokarsinom hücrelerinde fototoksik etkisinin araştırılması**  
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IV. Multidisipliner Kanser Araştırma Kongresi, Turkey, 13 - 16 December 2012
- XXXIII. **Biochemical and histological evaluations of dicarboximide fungicide vinclozolin on pregnant Wistar albino rats**  
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- XXXIV. **Sıçanların plasentaları ve fetusları üzerine vinclozolinin etkileri**  
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20. Ulusal Biyoloji Kongresi, Denizli, Turkey, 21 - 25 June 2010
- XXXV. **Does lycopene play a protective role in low dose aflatoxin B1 induced hepatotoxicity in rats**  
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- XXXVI. **Does lycopene play a protective role in low dose aflatoxin B1 induced hepatotoxicity in rats**  
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- XXXVII. **Effects of furan naturally occurring food contaminant on endocrine glands in male rats**  
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VII. World Congress on Alternatives of Animal Use in The Life Science, Italy, 30 August - 03 September 2009
- XL. **Histopathological evaluation of liver and kidney in rats fed with genetically modified Bt corn for three generations**  
SELMANOĞLU G., KARACAOĞLU E., KILIÇ SÜLOĞLU A., KOÇKAYA E. A., AKAY M. T.  
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- XLI. **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.  
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- XLII. **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
- XLIII. **Benzil benzoatın sıçan karaciğeri üzerine toksik etkileri**  
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- XLV. **Evaluation of furan toxicity on liver and kidney in male rats**  
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- XLVI. **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.  
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- XLVIII. **Evaluation of the effects of newly synthesized 2,4-dithiophenoxy 1-iodo-4-bromo benzene that has anti-fungal and anti-bacterial activities on rats**  
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## Supported Projects

SELMANOĞLU G., Project Supported by Higher Education Institutions, HT-29 ve Caco-2 Hücrelerinde Hiperisin ile Fotoaktivasyona Bağlı Değişikliklerin Molekül, Akış Sitometrisi, İmmüno Floresan ve Spektrofotometrik Yöntemler ile Araştırılması, 2012 - Continues

SELMANOĞLU G., Project Supported by Higher Education Institutions, Akroleinin sıçanlardaki subkronik etkisinin nörotoksisite açısından araştırılması, 2010 - Continues

SELMANOĞLU G., KARACAOĞLU E., TULUMCUOĞLU D., Project Supported by Higher Education Institutions, SHSY5Y Nöroblastoma Hücrelerinde Yüksek Glukozla Oluşturulan Hasara Karşı Neeriositrinin Koruyucu Etkisinin Araştırılması,



2020 - 2021

KARACAOĞLU E., SELMANOĞLU G., Project Supported by Higher Education Institutions, Hücre Kültür Koleksiyonlarının Devamlılığının Sağlanması ve Flusilazolün SerW3 Hücrelerinde SOD ve CAT Enzimleri Üzerindeki Etkisinin Araştırılması, 2020 - 2021

SELMANOĞLU G., Aldemir E. E., KARACAOĞLU E., Project Supported by Higher Education Institutions, Streptozotosinle Diyabet Modeli Oluşturulan INS-1E Pankreas Beta Hücrelerinde Neeriositrinin Koruyucu Etkisinin Araştırılması, 2018 - 2021

KARACAOĞLU E., SELMANOĞLU G., Project Supported by Higher Education Institutions, Triazol Fungisit Olan Flusilazolün Etkilerinin SerW3 Hücrelerinde Değerlendirilmesi, 2018 - 2020

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

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

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SELMANOĞLU G., Project Supported by Higher Education Institutions, Bilimsel Başarı Desteği ile Eğitim ve Bilimsel Araştırmaları Geliştirme, 2016 - 2016

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., KANAT Ö. N., Project Supported by Higher Education Institutions, Fipronilin SH-SY5Y Nöroblastom Hücre Hattında Nörotoksik Etkisinin Araştırılması, 2015 - 2016

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

## Metrics

Publication: 94

Citation (WoS): 379

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H-Index (Scopus): 11

## Non Academic Experience

Hacettepe Üniversitesi, Fen Fakültesi