

## Lect. PhD DİLEK KAAN

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### Education Information

Doctorate, Erciyes Üniversitesi, Fen Bilimleri, Biyoloji, Turkey 2010 - 2015

Post Graduate, Erciyes Üniversitesi, Fen Bilimleri, Biyoloji, Turkey 2008 - 2010

Under Graduate, Cumhuriyet Üniversitesi, Fen Edebiyat, Biyoloji, Turkey 2003 - 2007

### Foreign Languages

English, B1 Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Hematolojik Onkolojide İnovatif Hücresel Tedaviler, TÜRKİYE BİLİMLER AKADEMİSİ, 2016

Education Management and Planning, IV. Uygulamalı Temel Hücre Kültürü Teknikleri, Erciyes Üniversitesi, GENKÖK, 2016

Education Management and Planning, Uygulamalı Oral Fibroblast ve Mezenkimal Kök Hücre Teknikleri, Erciyes Üniversitesi, Genom ve Kök Hücre Merkezi, 2015

Education Management and Planning, III. Uygulamalı Temel Hücre Kültürü Teknikleri, Erciyes Üniversitesi, Genom ve Kök Hücre Merkezi, 2015

Education Management and Planning, Kök Hücre cGMP Laboratuvarı Kalite Güvenlik ve Kalite Kontrol Sistemi, Erciyes Üniversitesi, GENKÖK, 2014

Education Management and Planning, International Advisory Board Meeting, Erciyes Üniversitesi, Genom ve Kök Hücre Merkezi, 2014

Education Management and Planning, Good Manufacturing Practise (GMP), Erciyes Üniversitesi, Genom ve Kök Hücre Merkezi, 2014

Education Management and Planning, FACScanto Application Training, Erciyes Üniversitesi, GENKÖK, 2014

Education Management and Planning, Stem Cell Applications: From Bench Side to Bed Side, Erciyes Üniversitesi, GENKÖK, 2013

Education Management and Planning, Elektroforez Sistemlerinin Kullanıcı Eğitim Sertifikası, Erciyes Üniversitesi, GENKÖK, 2012

Education Management and Planning, UV-1800 Spektrofotometre Kullanıcı Eğitim Sertifikası, Erciyes Üniversitesi, GENKÖK, 2012

Education Management and Planning, International Conference Workshop on Stem Cell Research and Applications, Erciyes Üniversitesi, Genom ve Kök Hücre Merkezi, 2011

Education Management and Planning, UFLC (Ultra Fast Liquid Chromatography) Eğitim Sertifikası, Erciyes Üniversitesi, GENKÖK, 2011

Education Management and Planning, Life Long Learning (LLL) Erasmus, Certificate of Attendance for Student Mobility, University of Technology and Life Sciences Faculty of Agriculture and Biotechnology / Poland, 2011

Education Management and Planning, Confocal User Training for TCS SPE Systems, Erciyes Üniversitesi, GENKÖK, 2011

Education Management and Planning, Deney Hayvanları Kullanım Sertifikası, Erciyes Üniversitesi, DEKAM, 2009

## Dissertations

Doctorate, Farelerde Deneysel Olarak Oluşturulan Ehrlich Assit Tümör (EAT) Üzerine Gilaburu (*Viburnum opulus*) Meyve Suyunun Etkileri, Erciyes Üniversitesi, Fen Bilimleri, Biyoloji, 2015

Post Graduate, Docetaxel/Adriamycin Kemoterapisi Alan Göğüs Kanseri Hastalarda Serum L-Karnitin Ve Glutatyon S-Transferaz Düzeylerinin Spektrofotometrik Olarak İncelenmesi, Erciyes Üniversitesi, Fen Bilimleri, Biyoloji, 2010

## Research Areas

Life Sciences, Natural Sciences

## Academic Titles / Tasks

Medical Doctor, Erciyes Üniversitesi, Rektörlük, Genom Ve Kök Hücre Merkezi, 2015 - Continues

## Advising Theses

Kaan D., Ülger H., YAĞ DOKU KAYNAKLI MEZENKİMAL KÖK HÜCRENİN BÜYÜME FAKTÖRLERİ ETKİSİYLE İSKELET KAS HÜCRESİNE İNDÜKLENMESİ, Post Graduate, B.DOĞAN(Student), 2019

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

- I. **Induction of the mesenchymal stem cell to the skeletal muscle cell by the effect of growth factors**  
Doğan B., Kaan D., Ülger H.  
Bratislava Medical Journal-Bratislavske Lekarske Listy, vol.121, 2020 (Journal Indexed in SCI Expanded)
- II. **Effects of curcumin on lipid peroxidation and antioxidant enzymes in kidney, liver, brain and testis of mice bearing Ehrlich Solid Tumor**  
Nisari M., YILMAZ S., ERTEKİN T., YAY A. H. , Ceylan D., Inanc N., AL Ö., ÜLGER H.  
POSTEPY HIGIENY I MEDYCINY DOSWIADCZALNEJ, vol.74, pp.416-425, 2020 (Journal Indexed in SCI)
- III. **Bioactivities of phytochemicals in *Callistemon citrinus* against multi-resistant foodborne pathogens, alpha glucosidase inhibition and MCF-7 cancer cell line**  
Fayemi P. O. , Ozturk I., Kaan D., Özcan S., Yerer M. B. , Dokumaci A. H. , Özcan C., Uwaya G. E. , Fayemi O. E. , Yetim H.  
BIOTECHNOLOGY & BIOTECHNOLOGICAL EQUIPMENT, vol.33, pp.764-778, 2019 (Journal Indexed in SCI)
- IV. **The effects of gilaburu (*Viburnum opulus*) juice on experimentally induced Ehrlich ascites tumor in mice**  
Ceylan D., Aksoy A., Ertekin T., Yay A. H. , Nisari M., Karatoprak G., Ülger H.  
JOURNAL OF CANCER RESEARCH AND THERAPEUTICS, vol.14, no.2, pp.314-320, 2018 (Journal Indexed in SCI)
- V. **Preparation of Iodine and Silver Coated Thin Film on Poly(methylmethacrylate) Substrate and their Antifungal, Antibacterial and Mechanistic Properties**  
Erkan Kariper S., Hepokur C., Kariper İ. A. , Üstündağ İ., Kaan D.

Indian Journal Of Pure & Applied Physics, vol.55, pp.122-128, 2017 (Journal Indexed in SCI Expanded)

VI. **The potential teratogenic effects of interferon beta-1a and interferon beta-1b on in vitro embryonic development.**

Ucar İ., ERTEKİN T., NİSARİ M., CEYLAN D., AL Ö., ÜLGER H.

Folia morphologica, vol.75, no.2, pp.257-263, 2016 (Journal Indexed in SCI Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Effects of Paclitaxel on Lipid Peroxidation and Antioxidant Enzymes in Tissues of Mice Bearing Ehrlich Solid Tumor**  
Nisari M., Kaymak E., Ertekin T., Kaan D., İnanç N., Özdamar S.  
International Congress on Biological and Medical Sciences Life Science and Medicine Niğde Halis Demir Üniversitesi , Niğde, Turkey, 31 October - 03 November 2018
- II. **Cell isolating from bovine pericardial fluid and culturing for next tissue engineering applications**  
LATİFOĞLU F., Sönmezer D., Toprak G., Düzler A., İşler İ. A. , Kaan D.  
International Conference on Technology, Engineering and Science (Icontes 2018), Antalya, Turkey, 26 - 29 October 2018, vol.4, pp.224-229
- III. **The Effect of Gilaburu (*Viburnum opulus*) Juice on Ehrlich Ascites Tumor (EAT) Cell Culture**  
AL Ö., ÜLGER H., ERTEKİN T., NİSARİ M., SUSAR H., CEYLAN D., ŞEKER KARATOPRAK G.  
Natural Products for Cancer Prevention and Therapy, 8 - 11 November 2017, vol.1, pp.1051
- IV. **Effects of Curcumin on Lipid Peroxidation and Antioxidant Enzymes in Kidney, Liver, Brain and Testis of Mice Bearing Ehrlich Solid Tumor**  
NİSARİ M., YILMAZ S., ERTEKİN T., CEYLAN D., İNANÇ N., AL Ö., ÜLGER H.  
Natural Products for Cancer Prevention and Therapy, 8 - 11 November 2017, vol.1, pp.994
- V. **The effect of *Viburnum opulus* L. juice on human breast cancer cell line MCF-7**  
Kaan D., Aksoy A., Ülger H.  
International Symposium on Biodiversity and Edible Wild Species, Antalya, Turkey, 3 - 05 April 2017, pp.325
- VI. **Hücre Bileşeni ve Byomalzeme ile Vasküler Doku Üretimi**  
Sönmezer D., Latifoğlu F., İšoğlu A., Düzler A., Toprak G., Ceylan D.  
Tıp Teknolojileri Kongresi, Antalya, Turkey, 27 - 29 October 2016
- VII. **Evaluation protective effects of melatonin on free radical metabolism in rat kidney during ischemia-reperfusion**  
Nisari M., Kavutçu M., Ertekin T., Nisari M., Yay A. H. , Al Ö., Kaan D., Önder G.  
Klinik Biyokimya Uzmanları Derneği Uluslararası Katılımlı Kongre ve LAB-EXPO, 27 September - 01 October 2016, pp.3
- VIII. **Phytochemicals in *Callistemon citrinus*: a novel therapeutic approach against MCF-7 cell line**  
FAYEMİD O., A A., CEYLAN D., ÖZCAN S., Muchenjed V., ÇAM M., AYCAN M. B. , YETİM H.  
1st International Conference on Natural Products for Cancer Prevention and Therapy, İstanbul, Turkey, 31 August 2015 - 02 September 2016, pp.13-14
- IX. **Ehrlich Assit Tümör Modeli**  
ERTEKİN T., CEYLAN D., NİSARİ M., ÜLGER H.  
Uluslararası Katılımlı Deneysel Hematoloji Kongresi, Kayseri, Turkey, 3 - 05 May 2016
- X. **Evaluation of Histopathology Properties on Tissues of *Viburnum opulus* L. in Ehrlich Ascites Carcinoma Bearing Mice**  
CEYLAN D., ERTEKİN T., YAY A. H. , AKSOY A.  
2nd International Congress on Stem Cell and Cellular Therapies,, Antalya, Turkey, 15 - 19 October 2015, pp.205
- XI. **The effects of gilaburu (*Viburnum opulus* L.) juice on experimentally induced cancer in mice**  
Kaan D., Aksoy A., Ülger H., Ertekin T., Yay A. H.  
International Conference on Natural Products for Cancer Prevention and Therapy, İstanbul, Turkey, 31 August - 02 September 2015, pp.16

- XII. **Gilaburu meyve suyunun fibroblast ve MCF-7 (meme kanser hücresi) hücre hattı üzerine etkisi: glutasyon s- transferazın rolü**  
CEYLAN D., AKSOY A.  
Ulusal Botanik Kongresi, Antalya, Turkey, 25 - 28 October 2014, pp.11
- XIII. **Rat böbrek dokusunda iskemi/reperfüzyon hasarı üzerine melatonin etkisi**  
Önder G. Ö., Nisari M., Kavutçu M., Ertekin T., Yay A. H., Al Ö., Kaan D.  
XII. Ulusal Histoloji ve Embriyoloji Kongresi, Ankara, Turkey, 27 - 30 May 2014, pp.101
- XIV. **Determination of sera glutathione s-transferase isozymes from docetaxel/adriamycin treated breast cancer patients**  
CEYLAN D., ERGİN Ö. E., SAATÇI E.  
International Conference Enzymes Science and Technology, Aydın, Turkey, 31 October - 04 November 2011, pp.52
- XV. **Effects of H<sub>2</sub>O<sub>2</sub> stresses on antioxidant enzyme systems of *Phanerochaete chrysosporium***  
CEYLAN D., TOPRAK G.  
International Conference Enzymes Science and Technology, Aydın, Turkey, 31 October - 04 November 2011, pp.78
- XVI. **The effect of piwil2 transfection on gst pi in human breast cancer cell line MCF-7**  
Kaan D., Toprak G., Bahar D., Özcan S.  
International Conference Workshop on Stem Cell Research and Applications, Kayseri, Turkey, 7 - 09 October 2011, pp.79
- XVII. **The effect of GFP transfection on gst pi in human prostate cancer cell line LnCAP**  
Toprak G., Kaan D., Bahar D., Saatçi E., Özcan S.  
International Conference Workshop on Stem Cell Research and Applications, Kayseri, Turkey, 7 - 10 October 2011, pp.77
- XVIII. **Cytotoxicity of *Echinops orientalis* extract on prostate adenocarcinoma cell line Pc3**  
Bahar D., Toprak G., Kaan D., Dinç G., Özcan S.  
International Conference Workshop on Stem Cell Research and Applications, Kayseri, Turkey, 7 - 10 October 2011, pp.51
- XIX. **Microspectrophotometric detection of serum l-carnitine and glutathione s-transferase activities on breast cancer patients whom got combined drug therapy**  
SAATÇI E., CEYLAN D., ERGİN Ö.  
Ulusal Biyokimya Kongresi, Eskişehir, Turkey, 27 - 30 October 2010, pp.110

## Other Publications

- I. **Determination of effects of chemical agencies on liver fibrosis models frequently used in different doses and time periods**  
Kaan D., Toprak G., Yay A. H., Başkol G., Ertekin T., Ülger H.  
Other, 2020
- II. **Rhamnetin improves antioxidant status in the liver of Ehrlich solid tumor bearing mice**  
Nisari M., Bozkurt Ö., Ertekin T., Kaan D., İnanç N., Al Ö., Güler H., Unur E.  
Other, pp.678-683, 2020
- III. **Evaluation of protective effects of melatonin on free radical metabolism in rat kidney during ischemia-reperfusion**  
Nisari M., Yay A. H., Ertekin T., Al Ö., Kaan D., Nisari M., Önder G., Kavutçu M.  
Other, pp.20-29, 2019
- IV. **Effects of Paclitaxel on Lipid Peroxidation and Antioxidant Enzymes in Tissues of Mice Bearing Ehrlich Solid Tumor**  
Nisari M., Kaymak E., Ertekin T., Kaan D., İnanç N., Özdamar S.  
Other, pp.316-321, 2019
- V. **Ehrlich assit tümör modeli**  
Ertekin T., Kaan D., Nisari M., Ülger H.

## Supported Projects

AYVAZ A., KAAAN D., AYYILDIZ N., TOPRAK G., Project Supported by Higher Education Institutions, Farklı evrelerdeki Büyük Balmumu güvesi Galleria mellonella larvalarının orta barsak proteinlerinin 2DPAGE yöntemiyle analiz edilmesi, 2017 - Continues

KAAAN D., CEYLAN D., BAŞKOL G., ÜLGER H., ERTEKİN T., TOPRAK G., YAY A. H. , Project Supported by Higher Education Institutions, Karaciğer Fibrozis Modellerinde Sık Kullanılan Kimyasal Ajanların Farklı Doz Ve Zaman Dilimindeki Etkilerinin Belirlenmesi, 2016 - 2018

## Edit Congress and Symposium Activities

3. Uluslararası Kök Hücre Kursu: "Hematolojik Onkolojide İnovatif Hücresel Tedaviler, Attendee, Turkey, 2016

Uluslararası Katılımlı Deneysel Hematoloji Kongresi, Attendee, Kayseri, Turkey, 2016

2nd International Congress on Stem Cell and Cellular Therapies, Attendee, Antalya, Turkey, 2015

International Conference on Natural Products for Cancer Prevention and Therapy, Attendee, İstanbul, Turkey, 2015

Ulusal Botanik Kongresi, Attendee, Antalya, Turkey, 2014

Deneysel Hematoloji Kongresi & EBMT Highlight, Attendee, Nevşehir, Turkey, 2014

21. Ulusal Biyoloji Kongresi, Attendee, İzmir, Turkey, 2012

International Conference Workshop on Stem Cell Research and Applications, Attendee, Kayseri, Turkey, 2011

International Conference Enzymes Science and Technology, Attendee, Aydın, Turkey, 2011

22. Ulusal Biyokimya Kongresi, Attendee, Eskişehir, Turkey, 2010

## Citations

Total Citations (WOS):20

h-index (WOS):3

## Scholarships

Life Long Learning (LLL) Erasmus Öğrenci Staj Hareketliliği, University, 2011 - Continues