

# Prof. MELTEM ÖZLEN DİLLİOĞLUGİL

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## International Researcher IDs

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## Education Information

Doctorate, Dicle University, School Of Medicine, Department Of Basic Medical Sciences, Turkey 1994 - 1997

Postgraduate, Dicle University, School Of Medicine, Department Of Basic Medical Sciences, Turkey 1992 - 1994

Undergraduate, Dicle University, Faculty Of Science, Department Of Chemistry, Turkey 1987 - 1991

## Foreign Languages

English, B2 Upper Intermediate

## Research Areas

Health Sciences, Natural Sciences

## Academic Titles / Tasks

Professor, Kocaeli University, Tıp Fakültesi, Temel Tıp Bilimleri, 2012 - Continues

Associate Professor, Kocaeli University, Tıp Fakültesi, Temel Tıp Bilimleri, 2006 - 2012

Assistant Professor, Kocaeli University, Tıp Fakültesi, Temel Tıp Bilimleri, 1999 - 2006

Lecturer PhD, Kocaeli University, Tıp Fakültesi, Temel Tıp Bilimleri, 1997 - 1999

Research Assistant, Dicle University, School Of Medicine, Department Of Basic Medical Sciences, 1992 - 1997

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

- Assessment of Plasma-Endogenous Opioid Neuropeptide Levels and Psychometric Properties of Non-Suicidal Self-Injury in Adolescents**  
Çakan Memik N., Hunç F., Akpınar Ş. N., Demir N., Şentürk E., Yıldız Gündoğdu Ö., Dillioğlugil M. Ö.  
ARCHIVES OF SUICIDE RESEARCH, vol.27, no.2, pp.749-768, 2023 (SSCI)
- Assesment of melatonin effect on redox balance and biochemical changes in chronically cigarette smoke-exposed rat liver tissue**

Hunc F., Kole E., Kir H. M., Acar E., Dillioglugil M. Ö., Ozkan S. O.

FEBS OPEN BIO, vol.11, pp.487, 2021 (SCI-Expanded)

- III. **Effect of nitric oxide synthase inhibitors in acute lung injury due to blunt lung trauma in rats**  
Akgul A. G., ŞAHİN D., Temel U., ELİÇORA A., Dillioglugil M. Ö., Kir H., ÖZSOY Ö. D., Yildiz K., Ozer C., TOPÇU S.  
TURK GOGUS KALP DAMAR CERRAHISI DERGISI-TURKISH JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY, vol.27, no.1, pp.63-72, 2019 (SCI-Expanded)
- IV. **Preventive effect of intravesical ozone supplementation on <i>n</i>-methyl-<i>n</i>-nitrosoarea-induced non-muscle invasive bladder cancer in male rats**  
Teke K., Ozkan T. A., Cebeci O. O., YILMAZ H., Keles M. E., Ozkan L., DİLLİOĞLUGİL M. Ö., Yildiz D. K., DİLLİOĞLUGİL Ö.  
EXPERIMENTAL ANIMALS, no.3, pp.191-198, 2017 (SCI-Expanded)
- V. **Effect of resveratrol on chromosomal aberrations induced by doxorubicin in rat bone marrow cells**  
BİNGÖL G., GÜLKAÇ M. D., Dilhoglugil M. Ö., POLAT F., Kanli A.  
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.766, pp.1-4, 2014 (SCI-Expanded)
- VI. **The Effects of Vagal Nerve Stimulation in Focal Cerebral Ischemia and Reperfusion Model**  
Ekici F., KARSON A., Dillioglugil M. Ö., Gurol G., Kir H., Ates N.  
TURKISH NEUROSURGERY, vol.23, no.4, pp.451-457, 2013 (SCI-Expanded)
- VII. **Blood and tissue nitric oxide and malondialdehyde are prognostic indicators of localized prostate cancer**  
DİLLİOĞLUGİL M. Ö., Mekik H., Muezzinoglu B., Ozkan T. A., Demir C. G., DİLLİOĞLUGİL Ö.  
INTERNATIONAL UROLOGY AND NEPHROLOGY, vol.44, no.6, pp.1691-1696, 2012 (SCI-Expanded)
- VIII. **Effect of pentylenetetrazole and sound stimulation induced single and repeated convulsive seizures on the MDA, GSH and NO levels, and SOD activities in rat liver and kidney tissues**  
DİLLİOĞLUGİL M. Ö., Kir H., Demir C., İLBAY G., ŞAHİN D., DİLLİOĞLUGİL Ö., Bambal G., Mekik H., ATEŞ N.  
BRAIN RESEARCH BULLETIN, vol.83, no.6, pp.356-359, 2010 (SCI-Expanded)
- IX. **Effect of clopidogrel on nitric oxide levels in an ischemia reperfusion model**  
Kanko M., Ozden M. Ö., Maral H., Acil C.  
JOURNAL OF CARDIOVASCULAR PHARMACOLOGY, vol.48, no.1, pp.797-801, 2006 (SCI-Expanded)
- X. **Effects of erdosteine on bleomycin-induced lung fibrosis in rats**  
Boyaci H., Maral H., Turan G., Basyigit İ., Dillioglugil M. Ö., Yildiz F., Tugay M., Pala A., Ercin C.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.281, pp.129-137, 2006 (SCI-Expanded)
- XI. **Protective effects of increasing vitamin E and A doses on cisplatin-induced oxidative damage to kidney tissue in rats**  
Dillioglugil M. Ö., Kir H., Gulkac M. D., Kanli A., Ozdogan H., Acar O., Dillioglugil Ö.  
Urologia Internationalis, vol.75, no.4, pp.340-344, 2005 (SCI-Expanded)
- XII. **Protective effects of N-acetylcysteine on the peroxidative changes of rat lungs exposed to inhalation of thinners**  
Dillioglugil M. Ö., Ilgazli A., Maral H., Sengul C., Ozdemir G., Ercin C.  
RESPIROLOGY, vol.10, no.5, pp.615-619, 2005 (SCI-Expanded)
- XIII. **Protective antioxidant effects of carvedilol in a rat model of ischaemia-reperfusion injury**  
Akbas H., Ozden M. Ö., Kanko M., Maral H., Bulbul S., Yavuz S., Ozker E., Berki T.  
JOURNAL OF INTERNATIONAL MEDICAL RESEARCH, vol.33, no.5, pp.528-536, 2005 (SCI-Expanded)
- XIV. **Homocysteine and nitric oxide levels in plasma of patients with pseudoexfoliation syndrome, pseudoexfoliation glaucoma, and primary open-angle glaucoma**  
Altintas O., Maral H., Yuksel N., Karabas V., Dillioglugil M. Ö., Caglar Y.  
GRAEFES ARCHIVE FOR CLINICAL AND EXPERIMENTAL OPHTHALMOLOGY, vol.243, no.7, pp.677-683, 2005 (SCI-Expanded)
- XV. **Effect of the prostacyclin derivate iloprost in experimental caustic esophageal burn**  
Ekingen G., Ozden M. Ö., Sozubir S., Maral H., Muezzinoglu B., Kahraman H., Guvenc B.  
PEDIATRIC SURGERY INTERNATIONAL, vol.21, no.6, pp.441-444, 2005 (SCI-Expanded)
- XVI. **Malondialdehyde, glutathione, glutathione peroxidase and homocysteine levels in type 2 diabetic**

#### **patients with and without microalbuminuria**

Ozdemir G., Ozden M. Ö., Maral H., Kuskay S., Cetinalp P., Tarkun I.

ANNALS OF CLINICAL BIOCHEMISTRY, vol.42, pp.99-104, 2005 (SCI-Expanded)

- XVII. **Protective effects of clopidogrel on oxidant damage in a rat model of acute ischemia**  
Kanko M., Maral H., Akbas M., Ozden M. Ö., Bulbul S., Omay O., Yavuz S., Berki K.  
TOHOKU JOURNAL OF EXPERIMENTAL MEDICINE, vol.205, no.2, pp.133-139, 2005 (SCI-Expanded)
- XVIII. **Effects of vitamins E, A and D on MDA, GSH, NO levels and SOD activities in 5/6 nephrectomized rats**  
Kir H., Dillioğlugil M. Ö., Tugay M., Eraldemir C., Ozdogan H.  
AMERICAN JOURNAL OF NEPHROLOGY, vol.25, no.5, pp.441-446, 2005 (SCI-Expanded)
- XIX. **The effects of thinner inhalation on superoxide dismutase activities, malondialdehyde and glutathione levels in rat lungs**  
Ilgazli A., Sengul C., Maral H., Ozden M. Ö., Ercin C.  
CLINICA CHIMICA ACTA, vol.343, pp.141-144, 2004 (SCI-Expanded)
- XX. **The effects of antioxidants on exercise-induced lipid peroxidation in patients with COPD**  
Agacdiken A., Basyigit İ., Ozden M. Ö., Yildiz F., Ural D., Maral H., Boyaci H., Ilgazi A., Komsuoglu B.  
RESPIROLOGY, vol.9, no.1, pp.38-42, 2004 (SCI-Expanded)
- XXI. **Testicular oxidative stress - Effects of experimental varicocele in adolescent rats**  
Ozdamar A., Soylu A., Culha M., Ozden M. Ö., Gokalp A.  
UROLOGIA INTERNATIONALIS, vol.73, no.4, pp.343-347, 2004 (SCI-Expanded)
- XXII. **Protective effect of IGF-1 on experimental liver cirrhosis-induced common bile duct ligation**  
Cantürk N. Z., Cantürk Z., Dillioğlugil M. Ö., Dalçık H., Yardımoğlu Yılmaz M., Tülübaş F.  
HEPATO-GASTROENTEROLOGY, no.54, pp.2061-2066, 2003 (SCI-Expanded)
- XXIII. **Hemostatic system as a risk factor for cardiovascular disease in women with subclinical hypothyroidism.**  
Canturk Z., Cetinarslan B., Tarkun I., Canturk N. Z., Ozden M. Ö., Duman C.  
Thyroid : official journal of the American Thyroid Association, vol.13, no.10, pp.971-7, 2003 (SCI-Expanded)
- XXIV. **Plasma lipid and lipoprotein concentrations in pregnancy induced hypertension**  
Cekmen M., Erbagci A., Balat A., Duman C., Maral H., Ergen K., Ozden M. Ö., Balat O., Kuskay S.  
CLINICAL BIOCHEMISTRY, vol.36, no.7, pp.575-578, 2003 (SCI-Expanded)
- XXV. **Lipid profile and lipoprotein (a) as a risk factor for cardiovascular disease in women with subclinical hypothyroidism**  
Canturk Z., Cetinarslan B., Tarkun I., Canturk N. Z., Ozden M. Ö.  
ENDOCRINE RESEARCH, no.3, pp.307-316, 2003 (SCI-Expanded)
- XXVI. **Erythrocyte glutathione peroxidase activity, plasma malondialdehyde and erythrocyte glutathione levels in hemodialysis and CAPD patients**  
Ozden M. Ö., Maral H., Akaydin D., Cetinalp P., Kalender B.  
CLINICAL BIOCHEMISTRY, vol.35, no.4, pp.269-273, 2002 (SCI-Expanded)
- XXVII. **Relation of silent myocardial ischaemia and aortic valve sclerosis in patients with essential hypertension**  
Ural D., Sahin T., Berk F., Kozdag G., Ural E., Kahraman G., Yalcin B., Aktolun C., Komsuoglu B., Ozden M. Ö.  
EUROPEAN HEART JOURNAL, vol.22, pp.106, 2001 (SCI-Expanded)
- XXVIII. **Clinical and echocardiographic factors associated with aortic valve sclerosis in patients with essential hypertension**  
Ural D., Sahin T., Agacdiken A., Kahraman G., Ural E., Vural A., Komsuoglu B., Ozden M. Ö., Yalcin B., Kozdag G.  
EUROPEAN HEART JOURNAL, vol.22, pp.309, 2001 (SCI-Expanded)

#### **Articles Published in Other Journals**

- I. **Effect of resveratrol against cisplatin-induced clastogenicity**  
BİNGÖL G., GÜLKAÇ M. D., DİLLİOĞLUGİL M. Ö., KANLI A.

## Refereed Congress / Symposium Publications in Proceedings

- I. **DETERMINATION OF CYTOKINE PROFILES OF M1 AND M2 POLARIZED MACROPHAGES, DIFFERENTIATED FROM U937 MONOCYTIC CELLS BY CHEMICAL INDUCTION**  
Hunç F., Duruksu G., Dillioğlugil M. Ö.  
VII. Türkiye in vitro Diyagnostik (IVD) Sempozyumu, İzmir, Turkey, 27 - 29 April 2022, vol.1, no.1
- II. **Investigation of Relationship Between Plasma Nitric Oxide Levels and Nonsuicidal Self-Injury Behavior in Adolescents**  
Hunç F., Çakın Memik N., Dillioğlugil M. Ö.  
VII. Türkiye in vitro Diyagnostik (IVD) Sempozyumu, İzmir, Turkey, 27 - 29 April 2022
- III. **Posters**  
HUNÇ F., KÖLE E., MARAL KIR H., ACAR E., DİLLİOĞLUGİL M. Ö., ÖZKAN S.  
45th FEBS Congress, Molecules of Life: Towards New Horizons, Ljubljana, Slovenia, July 3–8, 2021, Slovenia, 03 July 2021
- IV. **PCB Levels in Maternal Blood Serum**  
Yeşildağlı B. U., Emir B., HUNÇ F., ARSLANBAŞ D., YÜCESOY G., DİLLİOĞLUGİL M. Ö., FİLİZ S., GÜNLEMEZ A., CİVAN M.  
ULUSLARARASI MARMARA FEN VE SOSYAL BİLİMLER KONGRESİ, Kocaeli, Turkey, 26 - 28 October 2018, vol.1
- V. **Advanced Oxidation Protein Products and Reduced Glutathione Levels in Bladder Cancer**  
ACAR E., ÖZSOY Ö. D., KUM T., DİLLİOĞLUGİL M. Ö., MARAL KIR H., YILMAZ H.  
42nd FEBS Congress, From Molecules To Cells And Back, 10 - 14 September 2017
- VI. **Advanced oxidation protein products and reduced glutation levels in bladder cancer**  
ACAR E., Ozsoy D., Kum T., DİLLİOĞLUGİL M. Ö., Kir H., YILMAZ H.  
42nd Congress of the Federation-of-European-Biochemical-Societies (FEBS) on From Molecules to Cells and Back, Jerusalem, Israel, 10 - 14 September 2017, vol.284, pp.286
- VII. **Sıçan Böbrek Dokusunda Sisplatinin İndüklediği Biyokimyasal Değişimlere Karşı Resveratrolün Koruyucu Etkilerinin Araştırılması**  
BİNGÖL G., GÜLKAÇ M. D., DİLLİOĞLUGİL M. Ö., POLAT F.  
Aydın Adnan Menderes Üniversitesi I. Uluslararası Sağlık Bilimleri Kongresi, Aydın, Turkey, 29 June - 01 July 2017
- VIII. **Sıçanlarda MNU ile Deneysel Mesane Kanseri İntrovezikal Ozon Tedavisinin Preventif Etkisi**  
TEKE K., Özkan T. A., Cebeci O. Ö., KELEŞ M. E., YILMAZ H., ÖZKAN L., DİLLİOĞLUGİL M. Ö., YILDIZ D. K., DİLLİOĞLUGİL Ö.  
12. Üroonkoloji Kongresi, 18-22 Kasım 2015, Antalya, Antalya, Turkey, 18 - 22 November 2015
- IX. **Free PSA increases after medical or surgical androgen deprivation treatment for metastatic prostate cancer**  
ÇİFTÇİ S., ÜSTÜNER M., DİLLİOĞLUGİL M. Ö., YAVUZ U., AYNUR B. S., ŞİMŞEK E., YILMAZ H., DİLLİOĞLUGİL Ö.  
AUA-Eurasian Urology Platform Joint Meeting Program, ORLaNDO, United States Of America, 17 May 2014 - 21 May 2015
- X. **PSA Density is not superior to PSA and Gleason sum to predict poor prognostic factors**  
ÇİFTÇİ S., ÜSTÜNER M., DİLLİOĞLUGİL M. Ö., YAVUZ U., AYNUR B. S., ŞİMŞEK E., YILMAZ H., DİLLİOĞLUGİL Ö.  
AUA-Eurasian Urology Platform Joint Meeting Program, orlando, United States Of America, 17 - 21 May 2014
- XI. **Deneysel tıkanma ikteri oluşturulan ratlarda anti-TNF antikorun deneysel hemorajik gastrit modelinde sitoprotektif etkisinin incelenmesi**  
ŞİMŞEK T., CANTÜRK N. Z., MÜEZZİNOĞLU B., DİLLİOĞLUGİL M. Ö., MARAL KIR H., UTKAN N. Z., DÜLGER M.  
17. Ulusal Cerrahi Kongresi, Ankara, Turkey, 26 - 29 May 2010
- XII. **Deneysel Tıkanma İkteri Modelinde Anti-TNF Antikorun Sitoprotektif Etkisinin İncelenmesi**  
ŞİMŞEK T., CANTÜRK N. Z., DALÇIK H., DİLLİOĞLUGİL M. Ö., DÜLGER M.  
5. Cerrahi Araştırma Kongresi, AMKARA, Turkey, 10 - 12 December 2009

- XIII. **Protective effects of different vitamin E doses on cisplatin-induced oxidative damage to renal tissue in rats**  
Dillioglugil M. Ö., Kir H., Gulkac M. D., Kanli A., Kuskay S., Ozdogan H., Eraldemir C.  
30th Congress of the Federation-of-European-Biochemical-Societies (FEBS)/9th IUBMB Conference, Budapest, Hungary, 2 - 07 July 2005, vol.272, pp.423
- XIV. **Koledok obstrüksiyonu ile geliştirilen deneysel sirozda İnsülin benzeri growth faktör I in etkisi**  
**Cantürk N Z Z Cantürk M Özden H Dalçık ve M Yardımoğlu**  
CANTÜRK N. Z., CANTÜRK Z., DİLLİOĞLUGİL M. Ö., DALÇIK H., YARDIMOĞLU YILMAZ M.  
I. Ulusal Deneysel Cerrahi Kongresi, Ankara, Turkey, 1 - 03 September 2002, pp.69
- XV. **Hematologic correlates of spontaneous echo contrast and echocardiographic parameters in patients with dilated cardiomyopathy**  
Kozdag G., Vural A., Ural D., Ural E., Ozden M. Ö., Kahraman G., Agacdiken A., Komsuoglu B.  
Congress of the European-Society-of-Cardiology, Berlin, Germany, 31 August - 04 September 2002, vol.23, pp.232

## **Metrics**

Publication: 49

Citation (WoS): 724

Citation (Scopus): 770

H-Index (WoS): 16

H-Index (Scopus): 15

## **Non Academic Experience**

Kocaeli Üniversitesi Tıp Fakültesi Biyokimya AD

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