

Prof. NİHAT DİLSİZ

Personal Information

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Post Address: İstanbul Medeniyet Üniversitesi, Mühendislik ve Doğa Bilimleri Fakültesi, Moleküler Biyoloji ve Genetik Bölümü, Kuzey Yerleşkesi, Ünalın Mah, Ünalın Sok, D100 Karayolu yanyol 34700, Üsküdar /İstanbul

Education Information

Post Doctorate, University Of Reading, Faculty Of Science, Molecular Biology, United Kingdom 1995 - 1995

Doctorate, University Of Reading, Faculty Of Life Sciences, Biological Sciences, United Kingdom 1990 - 1995

Under Graduate, Fırat Üniversitesi, Fen Edebiyat Fakültesi, Biyoloji, Turkey 1982 - 1986

Foreign Languages

English, C1 Advanced

Research Areas

Life Sciences, Molecular Biology and Genetics, Genetic Engineering, Molecular Biology of Cancer, Natural Sciences

Academic Titles / Tasks

Professor, İstanbul Medeniyet University, Faculty of Engineering and Natural Sciences , Department of Molecular Biology and Genetics , 2016 - Continues

Professional Experience

Head of Department, İstanbul Medeniyet Üniversitesi, Faculty of Engineering and Natural Sciences , Department of Molecular Biology and Genetics , 2016 - Continues

Head of Department, Harran Üniversitesi, Moleküler Biyoloji Ve Genetik, 2011 - 2016

Director of the Center, Harran Üniversitesi, Merkezi Laboratuvar, 2005 - 2016

Dean, Harran, Fen Edebiyat Fakültesi, 2007 - 2015

Head of Department, Harran Üniversitesi, Biyoloji, 2002 - 2011

Courses

Graduation Project, Under Graduate, 2019 - 2020

Kanser Biyolojisi, Doctorate, 2019 - 2020

Molecular Biology II, Under Graduate, 2019 - 2020

Advanced Epigenetics, Post Graduate, 2019 - 2020

Advanced Molecular Biology, Post Graduate, 2019 - 2020

Molecular Biology I, Under Graduate, 2019 - 2020

Molecular Biology Lab, Under Graduate, 2019 - 2020

Fundamentals of Molecular Oncology, Doctorate, 2019 - 2020

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

- **Role of exosomes and exosomal microRNAs in cancer**
Dilsiz N.
Future Microbiology, pp.1-15, 2020 (Journal Indexed in SCI Expanded)
- **Novel miRNAs as potential biomarkers in stage II colon cancer: microarray analysis.**
Gungormez C., Gumushan A., Dilsiz N., Borazan E.
Molecular biology reports, 2019 (Journal Indexed in SCI)
- **Calpain inhibitor AK 295 inhibits calpain-induced apoptosis and damage in rat kidney**
Dilsiz N., Aydemir S., Binen M., Parlakpınar H.
Biomedical Research-Tokyo, vol.29, pp.2516-2521, 2018 (Journal Indexed in SCI Expanded)
- **Hybrid nanomaterial: biocolloids**
Gozubenli N., Yasun E., DİLSİZ N.
TURKISH JOURNAL OF BIOLOGY, vol.41, pp.673-699, 2017 (Journal Indexed in SCI)
- **The effect of melatonin on spinal cord after ischemia in rats**
AYDEMİR S., DOĞAN D., Kocak A., Dilsiz N.
Spinal Cord, vol.54, pp.360-363, 2016 (Journal Indexed in SCI)
- **Anthocyanin-rich extract from Hibiscus sabdariffa calyx counteracts UVC-caused impairments in rats**
Özkol H. U. , Koyuncu I., Tülüce Y., Dilsiz N., Soral S., Özkol H.
PHARMACEUTICAL BIOLOGY, vol.53, pp.1435-1441, 2015 (Journal Indexed in SCI)
- **Investigation of composition of kidney stone taken from Şanlıurfa, Southern of Turkey**
Yalcin Ş., Dilsiz N., Gülüm M.
Urolithiasis, vol.42, pp.363-364, 2014 (Journal Indexed in SCI)
- **Effects of Ankaferd hemostat on retinal apoptosis in an experimental rabbit retinal model Deneysel tavşan retina modelinde ankaferd hemostati{dotless}n retinal apopitoza etkisi**
ÇITIRIK M., Dilsiz N., HAZNEDAROĞLU İ. C. , SÖNMEZ K.
Türkiye Klinikleri Journal of Medical Sciences, vol.33, pp.836-844, 2013 (Journal Indexed in SCI Expanded)
- **Age- and diabetes-induced regulation of oxidative protein modification in rat brain and peripheral tissues: Consequences of treatment with antioxidant pyridoindole**
Sakul A., Cumaoglu A., Aydin E., Ari N., Dilsiz N., Karasu C.
EXPERIMENTAL GERONTOLOGY, vol.48, pp.476-484, 2013 (Journal Indexed in SCI)
- **Therapeutic potential of some plant extracts used in turkish traditional medicine on streptozocin-induced type 1 diabetes mellitus in rats**
Özkol H., Tülüce Y., Dilsiz N., Koyuncu I.
Journal of Membrane Biology, vol.246, pp.47-55, 2013 (Journal Indexed in SCI)
- **Comparative toxicity of 4 commonly used intravitreal corticosteroids on rat retina.**
CITIRIK M., Dilsiz N., BATMAN C., ZILELIOĞLU O.
Canadian journal of ophthalmology. Journal canadien d'ophtalmologie, vol.44, 2009 (Journal Indexed in SCI Expanded)
- **Atrial natriuretic peptide inhibits osmotical glial cell swelling in the ischemic rat retina: dependence on glutamatergic-purinergic signaling.**
KALISCH F., WURM A., IANDIEV I., UCKERMANN O., Dilsiz N., REICHENBACH A., WIEDEMANN P., BRINGMANN A.
Experimental eye research, vol.83, pp.962-71, 2006 (Journal Indexed in SCI Expanded)
- **Protective effects of various antioxidants during ischemia-reperfusion in the rat retina**
Dilsiz N., SAHABOĞLU A., YILDIZ M. M. , REICHENBACH A.
GRAEFES ARCHIVE FOR CLINICAL AND EXPERIMENTAL OPHTHALMOLOGY, vol.244, pp.627-633, 2006 (Journal Indexed in SCI)
- **Antitumor activity of an ethanol extract of Nigella sativa seeds**
MUSA D., Dilsiz N., GUMUSHAN H., ULAKOĞLU G., BITİREN M.
BIOLOGIA, vol.59, pp.735-740, 2004 (Journal Indexed in SCI)
- **Synthesis and antimicrobial activity of new thiazole-2(3H)-thiones containing 1,1,3-trisubstituted cyclobutane**
AHMEDZADE M., KIRILMIS C., CUKUROVALIA., Dilsiz N.

SOUTH AFRICAN JOURNAL OF CHEMISTRY-SUID-AFRIKAANSE TYDSKRIF VIR CHEMIE, vol.56, pp.21-24, 2003 (Journal Indexed in SCI)

- **Effects of melatonin, vitamin E and octreotide on lipid peroxidation during ischemia-reperfusion in the guinea pig retina**
CELEBI S., Dilsiz N., YILMAZ T., KUKNER A.
EUROPEAN JOURNAL OF OPHTHALMOLOGY, vol.12, pp.77-83, 2002 (Journal Indexed in SCI)
- **Occurrence and effects of Diplostomum sp infection in eyes of Acanthobrama marmid in Keban Dam Lake, Elazig, Turkey**
DORUCU M., Dilsiz N., GRABBE M.
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.26, pp.239-243, 2002 (Journal Indexed in SCI)
- **Determination of calcium, sodium, potassium and magnesium concentrations in human senile cataractous lenses**
Dilsiz N., OLCUCU A., ATAS M.
CELL BIOCHEMISTRY AND FUNCTION, vol.18, pp.259-262, 2000 (Journal Indexed in SCI)
- **Protective role of intraperitoneally administered vitamins C and E and selenium on the levels of lipid peroxidation in the lens of rats made diabetic with streptozotocin**
NAZIROĞLU M., Dilsiz N., CAY M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.70, pp.223-232, 1999 (Journal Indexed in SCI)
- **The study of renin-angiotensin-aldosterone in experimental diabetes mellitus**
USTUNDAG B., CAY M., NAZIROĞLU M., Dilsiz N., CRABBE M., ILHAN N.
CELL BIOCHEMISTRY AND FUNCTION, vol.17, pp.193-198, 1999 (Journal Indexed in SCI)
- **Protective effects of selenium, vitamin C and vitamin E against oxidative stress of cigarette smoke in rats**
Dilsiz N., OLCUCU A., CAY M., NAZIROĞLU M., COBANOGU D.
CELL BIOCHEMISTRY AND FUNCTION, vol.17, pp.1-7, 1999 (Journal Indexed in SCI)
- **The effects of selenium, vitamin E and their combination on the composition of fatty acids and proteins in Saccharomyces cerevisiae**
Dilsiz N., CELIK S., YILMAZ O., DIGRAK M.
CELL BIOCHEMISTRY AND FUNCTION, vol.15, pp.265-269, 1997 (Journal Indexed in SCI)
- **Influences of intraperitoneally and dietary administered vitamin E and selenium on the lipid composition in reproductive organs of male animals.**
YILMAZ O., CELIK S., Dilsiz N.
Biological chemistry, vol.378, pp.425-30, 1997 (Journal Indexed in SCI Expanded)
- **The effects of dietary selenium and vitamin E and their combination on the fatty acids of erythrocytes, bone marrow and spleen tissue lipids of lambs**
YILMAZ O., CELIK S., NAZIROĞLU M., CAY M., Dilsiz N.
CELL BIOCHEMISTRY AND FUNCTION, vol.15, pp.1-7, 1997 (Journal Indexed in SCI)
- **IN-VIVO INSERTION OF RAT LENS MIP INTO THE ESCHERICHIA-COLI CYTOPLASMIC MEMBRANE**
CRABBE M., CHEPELINSKY A., DILSIZ N.
INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol.36, 1995 (Journal Indexed in SCI)
- **HETEROLOGOUS EXPRESSION IN ESCHERICHIA-COLI OF NATIVE AND MUTANT FORMS OF THE MAJOR INTRINSIC PROTEIN OF RAT EYE LENS (MIP26)**
DILSIZ N., CRABBE M.
BIOCHEMICAL JOURNAL, vol.305, pp.753-759, 1995 (Journal Indexed in SCI)
- **A high-yield modification of mutation by overlap extension using three primers.**
Dilsiz N., CRABBE M.
Analytical biochemistry, vol.222, pp.510-1, 1994 (Journal Indexed in SCI Expanded)
- **EXPRESSION AND MUTAGENESIS OF RAT LENS MIP26, AND ITS INCORPORATION INTO ESCHERICHIA-COLI CYTOPLASMIC MEMBRANE**
CRABBE M., DILSIZ N.
INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol.35, pp.2205, 1994 (Journal Indexed in SCI)

- **Melitopalynological and antimicrobial properties of honeys from Elazığ (E Turkey)**
Gür N., Diğrak M., Çobanoğlu D., Dilsiz N.
Acta Botanica Hungarica, vol.43, pp.311-317, 2001 (Refereed Journals of Other Institutions)

Book & Book Chapters

- **Hücre Biyolojisi için Moleküler Biyoloji Teknikleri**
Dilsiz N.
in: Becker's World of the Cell, Ali Osman Beldüz, Editor, Palme Yayın Dağıtım, Ankara, pp.616-657, 2019
- **Modern Moleküler Biyoloji**
DİLSİZ N.
Palme Yayın Dağıtım, Ankara, 2017
- **Moleküler Biyoloji**
DİLSİZ N.
Palme Yayın Dağıtım, Ankara, 2009

Supported Projects

DİLSİZ N., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Merkezi Laboratuvar Yapımı, 2012 - Continues
Can E., KABAOĞLU N., COŞKUN F. M. , KOYTAK Z. N. , KEÇECİ K., SAĞIR F., HAZAR M. A. , ALTINEL D., GEREN M., KISAAYAK ÇOLLAK F., et al., Project Supported by Higher Education Institutions, Mühendislik ve Doğa Bilimleri Fakültesi Lisans Programları Eğitim Laboratuvarlarının Kurulması, 2017 - 2018
DİLSİZ N., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Biyoteknoloji Araştırma Biriminin Kurulması, 2009 - 2012
DİLSİZ N., Other Supported Projects, İschemia-reperfusion model and retina., 2004 - 2004
DİLSİZ N., Other Supported Projects, İskemi reperfüzyon oluşturulmuş kobay retinasındaki hasarın incelenmesi, 2002 - 2003
DİLSİZ N., TUBITAK Project, Alt yapı destekleme projesi, 1997 - 1998
DİLSİZ N., Other Supported Projects, The possible role of the MIP26 on calcium transporting in eye lens., 1994 - 1996

Citations

Total Citations (WOS):411
h-index (WOS):13

Scholarships

Katarakt Hastalığının Moleküler Biyolojisi, Official Institutions of Foreign Countries, 1995 - Continues

Awards

DİLSİZ N., Yılın Bilim Adamı Ödülü, Harran Üniversitesi, October 2006
DİLSİZ N., Retinada İskemi ve Moleküler Değişiklikler, DFG, Almanya, May 2004
DİLSİZ N., Gözde İskemi Modeli, DAAD, Almanya, October 2002
DİLSİZ N., Üniversite Lisan Mezuniyeti İkincilik Ödülü, Fırat Üniversitesi, June 1986