

## Prof. Nihal Ömür BULAN

### Personal Information

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**Address:** İstanbul Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, 34134, Vezneciler, İstanbul

### International Researcher IDs

ORCID: 0000-0002-6591-7317

Publons / Web Of Science ResearcherID: AAD-1906-2020

Yoksis Researcher ID: 37902

### Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji Anabilim Dalı, Turkey 1991 - 1998

Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji Anabilim Dalı, Turkey 1988 - 1990

Undergraduate, Istanbul University, Faculty Of Science, Department of Biology, Turkey 1983 - 1987

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Oksidatif stres, DNA hasarı, DNA onarımı ve Hastalıklar, İstanbul Kültür Üniversitesi MOBİGEN, 2013

Education Management and Planning, Mikroskopi Teknikleri ve Uygulamaları, İ.Ü.Fen Fak. Biyoloji Böl. ve Leica Gantenbein, 2008

Education Management and Planning, Introduction to confocal microscopy and its application, Leica Microsystems, 2006

Education Management and Planning, UYGULAMALI DENEY HAYVANLARI KURSU, İ.Ü. DETAE, 2006

### Dissertations

Doctorate, Effects of thyroid hormones on the small intestine, Istanbul University, Institute of Graduate Studies In Sciences, Fen Fakültesi Bölümü, 1998

Postgraduate, Relationships between aging and cell kinetics in Ehrlich ascites tumor cells, Istanbul University, Faculty Of Science, Department of Biology, 1990

### Research Areas

Life Sciences, Biochemistry, Biochemical Toxicology, Animal Physiology, Natural Sciences

## Academic Titles / Tasks

Professor, Istanbul University, Faculty of Science, Department of Biology, 2016 - Continues  
Associate Professor, Istanbul University, Faculty of Science, Department of Biology, 2012 - 2016  
Assistant Professor, Istanbul University, Faculty of Science, Department of Biology, 2001 - 2012  
Research Assistant, Istanbul University, Faculty of Science, Department of Biology, 1987 - 2001

## Academic and Administrative Experience

Head of Department, Istanbul University, Faculty Of Science, Department Of Biology, 2023 - Continues  
Head of Department, Istanbul University, Faculty Of Science, Department of Biology, 2022 - Continues  
İstanbul Üniversitesi, Faculty of Science, 2016 - Continues  
Head of Department, Istanbul University, Faculty Of Science, Department Of Biology, 2023 - 2026  
İstanbul Üniversitesi, Faculty of Science, Department of Biology, 2012 - 2015

## Courses

CELL SURFACE; MOLECULAR APPROACH, Postgraduate, 2019 - 2020  
TÜMÖR İMMÜNOLOJİSİ, Doctorate, 2019 - 2020  
MICROSCOPY TECHNIQUES, Undergraduate, 2019 - 2020, 2016 - 2017, 2015 - 2016, 2013 - 2014  
SELECTED TOPICS IN IMMUNOLOGY, Undergraduate, 2019 - 2020  
CELL BIOLOGY, Undergraduate, 2019 - 2020, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008  
CELL BIOLOGY, Undergraduate, 2019 - 2020, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014  
Cell, Undergraduate, 2019 - 2020  
SİTOLOJİK TEKNİKLER, Postgraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014  
STRES FİZYOLOJİSİ, Undergraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014  
ELEMENTLERİN ORGANİZMALARDAKİ ETKİLERİ, Doctorate, 2012 - 2013, 2011 - 2012  
MİKROSKOPİ TEKNİKLERİ, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010  
SİTOLOJİK TEKNİKLER, Postgraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2001 - 2002  
TÜMÖR İMMÜNOLOJİSİ, Doctorate, 2012 - 2013  
STRES FİZYOLOJİSİ, Undergraduate, 2012 - 2013  
İMMÜNOLOJİDE SEÇME KONULAR, Undergraduate, 2012 - 2013  
İMMÜNOLOJİ, Undergraduate, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003  
MİKROPREPARASYON, Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003

## Advising Theses

Bulan N. Ö., The Effects of Apocynin Against Chloroquine and Gamma Radiation Induced Intestinal Injury, Doctorate, A.Sezen(Student), Continues  
Bulan N. Ö., Organofosforlu Pestisitlerin Neden Olduğu İnce Bağırsak Toksisitesine Karşı Lupeolün Koruyucu Etkileri, Doctorate, H.US(Student), Continues  
Bulan N. Ö., THE ROLE OF LUPEOL AGAINST PESTICIDES INDUCED OXIDATIVE LIVER DAMAGE, Postgraduate, M.ÇÖREMEN(Student), 2020  
Bulan N. Ö., Evaluation as Nav1.7 Voltage Gated Sodium Channel (VGSC) Blocker of Ranolazine and Riluzole Combination, Postgraduate, C.Önen(Student), 2019  
Bulan N. Ö., THE EFFECTS OF METFORMİN IN VIVO RAT DUNNING PROSTATE CANCER CELLS AND DIABETES MODEL,

Doctorate, P.KÖROĞLU(Student), 2017

Bulan N. Ö., The role of melatonin and carnosine on intestinal injury induced by gamma irradiation in rats, Postgraduate, H.US(Student), 2014

Bulan N. Ö., The role of melatonin on rat small intestinal toxicity induced by aluminum, Postgraduate, G.SARIKAYA(Student), 2011

## Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, June, 2020  
Post Graduate, Post Graduate, İstanbul Üniversitesi, June, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, June, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, June, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, February, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, İstanbul Üniversitesi, February, 2020

Post Graduate, Post Graduate, İstanbul Üniversitesi, August, 2019

Associate Professor Exam, Associate Professor Exam, İstanbul Üniversitesi, August, 2019

Doctorate, Doctorate, İstanbul Üniversitesi, June, 2019

Academic Staff Examination, Academic Staff Examination, İstanbul Üniversitesi, February, 2019

Doctorate, DOKTORA TEZ SAVUNMA JÜRİSİ, İSTANBUL ÜNİVERSİTESİ, May, 2017

Doctoral Examination, YETERLİLİK JÜRİSİ, FEN BİLİMLERİ ENSTİTÜSÜ, June, 2014

Post Graduate, Tez SAVUNMA JÜRİSİ, FEN BİLİMLERİ ENSTİTÜSÜ, March, 2014

Post Graduate, Tez savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, January, 2014

Post Graduate, Tez SAVUNMA JÜRİSİ, FEN BİLİMLERİ ENSTİTÜSÜ, June, 2013

Doctoral Examination, YETERLİLİK JÜRİSİ, FEN BİLİMLERİ ENSTİTÜSÜ, June, 2013

Doctoral Examination, YETERLİLİK JÜRİSİ, FEN BİLİMLERİ ENSTİTÜSÜ, December, 2012

Doctoral Examination, YETERLİLİK JÜRİSİ, FEN BİLİMLERİ ENSTİTÜSÜ, December, 2012

Post Graduate, Tez Savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, October, 2012

Doctoral Examination, YETERLİLİK JÜRİSİ, FEN BİLİMLERİ ENSTİTÜSÜ, May, 2012

Doctorate, Tez Savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, November, 2011

Post Graduate, Tez Savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, June, 2011

Post Graduate, Tez Savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, June, 2011

Post Graduate, Tez Savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, June, 2011

Post Graduate, Tez Savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, December, 2010

Post Graduate, Tez Savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, April, 2010

Post Graduate, Tez Savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, January, 2009

Post Graduate, Tez Savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, October, 2008

Post Graduate, Tez Savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, January, 2007

Post Graduate, Tez Savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, June, 2006

Post Graduate, Tez Savunma Jürisi, FEN BİLİMLERİ ENSTİTÜSÜ, January, 2006

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

### I. Biochemical and Histological Effects of Moringa oleifera Extract against Valproate-Induced Kidney Damage

Magaji U. F., ÇÖREMEN M., BULAN N. Ö., SAÇAN Ö., YANARDAĞ R.

Journal of Medicinal Food, vol.27, no.6, pp.533-544, 2024 (SCI-Expanded)

### II. Protective Effect of Apocynin on Chloroquine and Gamma Radiation Induced Lipid Peroxidation,

**Antioxidant Enzymes Suppression and Histological Damage in Rat Testes**

Koroglu P., Ertik O., Us A. S., Us H., Coeremen M., Bulan O. K., Yanardag R.  
BIOLOGY BULLETIN, vol.50, no.SUPPL 4, 2023 (SCI-Expanded)

- III. **Glycoprotein Levels and Oxidative Stomach Damage in Diabetes and Prostate Cancer Model: Protective Effect of Metformine**  
Ertik O., Köroğlu P., Bulan N. Ö., Yanardağ R.  
ACTA CHIMICA SLOVENICA, vol.70, pp.574-587, 2023 (SCI-Expanded)
- IV. **Oxidative brain and cerebellum injury in diabetes and prostate cancer model: Protective effect of metformin**  
Dağsuyu E., Köroğlu P., Bugan Gül İ., Bulan N. Ö., Yanardağ R.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.0, 2023 (SCI-Expanded)
- V. **Protective effect of melatonin and carnosine against radiation induced kidney injury**  
TÜRKYILMAZ İ. B., Us H., Sezen Us A., Karabulut-Bulan O., YANARDAĞ R.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.331, no.9, pp.3551-3561, 2022 (SCI-Expanded)
- VI. **Lupeol inhibits pesticides induced hepatotoxicity via reducing oxidative stress and inflammatory markers in rats**  
Çöremen M., Türkyılmaz İ. B., Us H., Sezen Us A., Çelik S., Özel A., Bulan N. Ö., Yanardağ R.  
FOOD AND CHEMICAL TOXICOLOGY, 2022 (SCI-Expanded)
- VII. **Brain Boron Level, DNA Content, and Myeloperoxidase Activity of Metformin-Treated Rats in Diabetes and Prostate Cancer Model**  
Ozel A. B., Dagsuyu E., Aydin P. K., Bugan I., Bulan O. K., Yanardag R., YARAT A.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.3, pp.1164-1170, 2022 (SCI-Expanded)
- VIII. **The protective effect of metformin against testicular damage in diabetes and prostate cancer model**  
Aydin P. K., Karabulut-Bulan O., Bugan I., Turkyilmaz I. B., Altun S., Yanardag R.  
CELL BIOCHEMISTRY AND FUNCTION, vol.40, no.1, pp.60-70, 2022 (SCI-Expanded)
- IX. **Metformin protects against diabetes-induced heart injury and dunning prostate cancer model**  
BAYRAK B. B., Koroglu P., BULAN N. Ö., Yanardag R.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.40, no.2, pp.297-309, 2021 (SCI-Expanded)
- X. **Histological and biochemical investigation of the renoprotective effects of metformin in diabetic and prostate cancer model**  
Koroglu-Aydin P., BAYRAK B. B., Bugan I., Karabulut-Bulan O., YANARDAĞ R.  
TOXICOLOGY MECHANISMS AND METHODS, vol.31, no.7, pp.489-500, 2021 (SCI-Expanded)
- XI. **Effects of microplastics and mercury on manila clam Ruditapes philippinarum: Feeding rate, immunomodulation, histopathology and oxidative stress**  
Sıkdokur E., Belivermiş M., Sezer N., Pekmez M., Bulan Ö. K., Kılıç Ö.  
Environmental Pollution, vol.262, 2020 (SCI-Expanded)
- XII. **Galectin-1 exhibits a protective effect against hepatotoxicity induced by dextran sulfate sodium in mice.**  
Arda-Pirincci P., Sacan O., Ozal-Coskun C., Aykol-Celik G., Karabulut-Bulan O., Yanardag R., Bolkent Ş.  
Human & experimental toxicology, vol.39, pp.423-432, 2020 (SCI-Expanded)
- XIII. **The role of melatonin and carnosine in prevention of oxidative intestinal injury induced by gamma irradiation in rats**  
Karabulut-Bulan O., Us H., Bayrak B. B., Sezen-Us A., Yanardag R.  
BIOLOGIA, vol.72, no.8, pp.935-945, 2017 (SCI-Expanded)
- XIV. **THE EFFECT OF OXYTOCIN TREATMENT ON THE ADULT LIVER OF STREPTOZOTOCIN (STZ) - INDUCED DIABETIC RATS**  
Koroglu P., Bulan O. K., Ozakpinar O. B., Uras F., ARBAK S.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.8, pp.5013-5020, 2017 (SCI-Expanded)
- XV. **Protective Effects of Vitamin E and Selenium Administration on Small Intestinal Damage Prior to Abdominal Radiation**  
Karabulut-Bulan O., Bolkent S., Kizir A., Yanardag R.

- PAKISTAN JOURNAL OF ZOOLOGY, vol.48, no.5, pp.1225-1232, 2016 (SCI-Expanded)
- XVI. **Role of Exogenous Melatonin on Cell Proliferation and Oxidant/Antioxidant System in Aluminum-Induced Renal Toxicity**  
Karabulut-Bulan O., Bayrak B. B., Arda-Pirincci P., Sarikaya-Unal G., Us H., Yanardag R.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.168, no.1, pp.141-149, 2015 (SCI-Expanded)
- XVII. **Melatonin is a potent modulator of antioxidative defense and cellular proliferation against aluminum toxicity in rats**  
Bulan N. Ö., Sarikaya-Unal G., Tunali S., Arda-Pirincci P., Yanardag R.  
TURKISH JOURNAL OF BIOLOGY, vol.39, no.6, pp.911-924, 2015 (SCI-Expanded)
- XVIII. **The Role of Vitamin C, Vitamin E, and Selenium on Cadmium-Induced Renal Toxicity of Rats**  
Karabulut-Bulan O., Bolkent S., Yanardag R., Bilgin-Sokmen B.  
DRUG AND CHEMICAL TOXICOLOGY, vol.31, no.4, pp.413-426, 2008 (SCI-Expanded)
- XIX. **The effects of combined alpha-tocopherol, ascorbic acid, and selenium against cadmium toxicity in rat intestine.**  
BOLKENT Ş., KOYUTÜRK M., KARABULUT-BULAN O., TUNALI S., Yanardağ R., OĞUZ TABAKOĞLU A.  
JOURNAL OF ENVIRONMENTAL PATHOLOGY TOXICOLOGY AND ONCOLOGY, vol.26, no.1, pp.21-27, 2007 (SCI-Expanded)
- XX. **Protective role of Melissa officinalis L. extract on liver of hyperlipidemic rats: A morphological and biochemical study**  
Bolkent S., Yanardag R., Karabulut-Bulan O., Yesilyaprak B.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.99, no.3, pp.391-398, 2005 (SCI-Expanded)
- XXI. **Protective effects of metformin treatment on the liver injury of streptozotocin-diabetic rats**  
Yanardag R., Ozsoy-Sacan O., Bolkent S., Orak H., Karabulut-Bulan O.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.24, no.3, pp.129-135, 2005 (SCI-Expanded)
- XXII. **Effects of parsley (Petroselinum crispum) on the liver of diabetic rats: a morphological and biochemical study**  
Bolkent S., Yanardag R., Ozsoy-Sacan O., Karabulut-Bulan O.  
PHYTOTHERAPY RESEARCH, vol.18, no.12, pp.996-999, 2004 (SCI-Expanded)
- XXIII. **Effects of chard (Beta vulgaris L. var cicla) on the liver of the diabetic rats: A morphological and biochemical study**  
Ozsoy-Sacan O., Karabulut-Bulan O., Bolkent S., Yanardag R., Ozgey Y.  
BIOSCIENCE BIOTECHNOLOGY AND BIOCHEMISTRY, vol.68, no.8, pp.1640-1648, 2004 (SCI-Expanded)
- XXIV. **The morphological and biochemical effects of glibornuride on rat liver in experimental diabetes**  
Bolkent S., Yanardag R., Karabulut-Bulan O., Ozsoy-Sacan O.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.23, no.5, pp.257-264, 2004 (SCI-Expanded)
- XXV. **Effects of vanadyl sulfate on kidney in experimental diabetes**  
Yanardag R., Bolkent S., Karabulut-Bulan O., Tunali S.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.95, no.1, pp.73-85, 2003 (SCI-Expanded)
- XXVI. **Effects of vanadyl sulphate on kidney in experimental diabetes.**  
Yanardağ R., BOLKENT Ş., BULAN N. Ö., TUNALI S.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.95, pp.73-84, 2003 (SCI-Expanded)
- XXVII. **The effects of chard (Beta vulgaris L. var. cicla) extract on the kidney tissue, serum urea and creatinine levels of diabetic rats**  
Yanardag R., Bolkent S., Ozsoy-Sacan O., Karabulut-Bulan O.  
PHYTOTHERAPY RESEARCH, vol.16, no.8, pp.758-761, 2002 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Evaluation of the Antiproliferative Effect of Safranal in C-4 I Cervical Cancer Cell Line**  
ATHOUMANI ALI S., ÖZCAN F. G., BULAN N. Ö.

Doğu Karadeniz Sağlık Bilimleri Dergisi, East Black Sea Journal of Health Sciences C, vol.2, no.1, pp.117-138, 2023 (Peer-Reviewed Journal)

- II. **Drug repurposing: Metformin's effect against liver tissue damage in diabetes and prostate cancer model**  
Aydn P. K., TÜRKYILMAZ İ. B., Gul İ., BULAN N. Ö., YANARDAĞ R.  
Journal of Diabetes and Metabolic Disorders, vol.22, no.1, pp.225-236, 2023 (ESCI)
- III. **Hepatoprotective Activity of Melatonin against Aluminium-Induced Toxicity and Oxidative Damage**  
Tunalı S., Bulan N. Ö., Sarıkaya Ünal G., Yanardağ R.  
Kafkas Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.13, no.1, pp.25-34, 2020 (Peer-Reviewed Journal)
- IV. **The influence of melatonin supplementation against aluminum-induced toxicity in brains of male rats**  
Karabulut Bulan O., Bayrak B. B., Sarıkaya-Unal G., Yanardag R.  
JOURNAL OF RESEARCH IN PHARMACY, vol.23, no.2, pp.275-283, 2019 (ESCI)
- V. **A New Insight Into Metformin Action: Diabetes, Prostate Cancer, and Ion Channels**  
Karabulut-Bulan O.  
MARMARA PHARMACEUTICAL JOURNAL, vol.20, no.2, pp.216-223, 2016 (ESCI)
- VI. **The Role of Insulin-Like Growth Factor-I and Polyamines in Developing Rat Small Intestine.**  
KARABULUT-BULAN O., BOLKENT Ş.  
IUFS J Biol, vol.70, no.2, pp.13-24, 2011 (Peer-Reviewed Journal)
- VII. **The effects of prophythiouracil on small intestine of mice: A light and electron microscobical study.**  
KARABULUT-BULAN .  
IUFS J Biol,, vol.67, no.2, pp.129-134, 2008 (Peer-Reviewed Journal)
- VIII. **Sıçan tiroid bezinde kadmiyum hasarına karşı C vitamini, E vitamini ve selenyumun kombine kullanımının etkileri**  
Karabulut-Bulan O., Koyuturk M., Bolkent S., YANARDAĞ R., Tabakoglu-Oguz A.  
CERRAHPAŞA TIP DERGİSİ, vol.35, no.4, pp.174-180, 2004 (Peer-Reviewed Journal)
- IX. **Karabulut-Bulan Ö., "The effects of thyroid hormones on the epithelial cells of the small intestine.**  
KARABULUT- BULAN O.  
IUFS J Biol, vol.61/62, pp.1-23, 2001 (Peer-Reviewed Journal)
- X. **Deneysel diabette karaciğer üzerine metforminin ultrastrüktürel etkileri", , 8 (2), 14-17 (2000).**  
BOLKENT Ş., Yanardağ R., KARABULUT-BULAN ., ÖZSOY-SAÇAN Ö.  
Morfoloji Dergisi, vol.8, no.2, pp.14-17, 2000 (Peer-Reviewed Journal)
- XI. **The effects of pentachloronitrobenzene and pentachloronitrobenzene+vitamin E on the rat liver**  
YANARDAĞ R., Bolkent S., Bulan O.  
Chimica Acta Turcica, vol.26, pp.105-111, 1998 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **The role of apocynin against the effects of chloroquine-enhanced radiotherapy on healthy tissues**  
Sezen Us A., Dağsuyu E., Us H., Çöremen M., Bulan N. Ö., Yanardağ R.  
6TH INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, Ankara, Turkey, 11 - 13 October 2023, pp.226
- II. **Ameliorative Effects of Apocynin on Histopathological and Biochemical Changes Induced by Chloroquine and Gamma Radiation in Testes Experimental Model**  
Köroğlu P., Ertik O., Sezen Us A., Us H., Çöremen M., Bulan N. Ö., Yanardağ R.  
26. Ulusal Elektron Mikroskopi Kongresi, Eskişehir, Turkey, 20 - 23 September 2023, pp.104
- III. **ÇEŞİTLİ PESTİSİTLERİN RAT TESTİS DOKUSUNDA MEYDANA GETİRDİĞİ HASARA KARŞI LUPEOLÜN ROLÜ**  
Çöremen M., Köroğlu P., Türkyılmaz İ. B., Us H., Sezen Us A., Bulan N. Ö., Yanardağ R.  
26. ULUSAL ELEKTRON MİKROSKOPİ KONGRESİ, Eskişehir, Turkey, 21 - 23 September 2023, pp.77
- IV. **IMMUNOLOGICAL AND HISTOLOGICAL EFFECTS OF MORINGA OLEIFERA EXTRACT IN DRUG INDUCED**

## RENAL DAMAGE

Magajı U. F., Çöremen M., Bulan N. Ö., Saçan Ö., Yanardağ R.

MAIDEN FOOD SAFETY AND NUTRITION SUMMIT, Birnin Kebbi, Nigeria, 07 June 2023, pp.32

- V. **The Role of Metformin Against Diabetes and Cancer-induced Small Intestinal Damage**  
Dağsuyu E., Bugan Gül İ., Köroğlu P., Bulan N. Ö., Yanardağ R.  
4th International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2022), Ankara, Turkey, 14 - 16 December 2022, pp.28
- VI. **The Role of Apocynin Against Radiation and Chloroquine-Induced Testicular Damage**  
Ertik O., Köroğlu P., Sezen Us A., Us H., Çöremen M., Bulan N. Ö., Yanardağ R.  
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, pp.1664
- VII. **Protective effects of metformin against diabetes-induced lens damage and dunning prostate cancer model**  
TÜRKYILMAZ İ. B., KÖROĞLU AYDIN P., BUGAN İ., BULAN N. Ö., YANARDAĞ R.  
3. EBAT Congress, Antalya, Turkey, 04 November 2021, pp.80
- VIII. **Melatonin and carnosine ameliorate ionizing radiation-induced oxidative brain damage in rats**  
TÜRKYILMAZ İ. B., Us H., Sezen Us A., BULAN N. Ö., YANARDAĞ R.  
3. EBAT Congress, Antalya, Turkey, 04 November 2021, pp.29
- IX. **The role of lupeol against pesticides induced oxidative damage.**  
ÇÖREMEN M., TÜRKYILMAZ İ. B., Us H., Sezen Us A., BULAN N. Ö., YANARDAĞ R.  
MC 2021 Digital Microscopy Conference, Wien, Austria, 22 August 2021, pp.369
- X. **Metformin protects against diabetes-induced pancreas injury and dunning prostate cancer model**  
ERTİK O., KÖROĞLU AYDIN P., BUGAN İ., BULAN N. Ö., YANARDAĞ R.  
2nd International Congress on Medical Sciences and Biotechnology, Uşak, Turkey, 1 - 03 October 2020, pp.380
- XI. **PROTECTIVE EFFECTS OF MELATONIN AND CARNOSINE AGAINST RADIATION-INDUCED LIVER INJURY IN RATS**  
SAÇAN Ö., BULAN N. Ö., Us H., CAN A., YANARDAĞ R.  
"XI. Aziz Sancar DETAE Günleri", İstanbul, Turkey, 28 - 29 January 2020, pp.12
- XII. **Metforminin Dunning Prostat Kanseri Modelinde Karaciğer Hasarı Üzerine Etkileri**  
Türkyılmaz İ. B., Köroğlu P., Bugan İ., Bulan N. Ö., Yanardağ R.  
"XI. Aziz Sancar DETAE Günleri", İstanbul, Turkey, 28 - 29 November 2019, pp.17-18
- XIII. **Dunning Sıçan Prostat Kanseri Modelinde Beyin Hasarına Karşı Metforminin Koruyucu Etkisi**  
Dağsuyu E., Köroğlu P., BULAN N. Ö., YANARDAĞ R.  
"XI. Aziz Sancar DETAE Günleri", İstanbul, Turkey, 28 - 29 November 2019, pp.0-10
- XIV. **PROTECTIVE EFFECTS OF MELATONIN AND CARNOSINE AGAINST RADIATION-INDUCED LIVER INJURY IN RATS**  
Saçan Ö., Bulan N. Ö., Us H., Can A., Yanardağ R.  
"XI. Aziz Sancar DETAE Günleri", İstanbul, Turkey, 28 - 29 November 2019, pp.12
- XV. **Dunning Prostat Kanseri Modelinde Kalp Doku İlaşarı ve Metforminin Rolü**  
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- XVI. **Dunning Prostat Kanseri Modelinde Kalp Doku Hasarı ve Metforminin Rolü**  
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- XVII. **Protective effects of metformin against liver damage in Dunning rat prostate cancer model**  
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- XVIII. **New Study on Metformin Action Against Testicular Injury: Prostate ,Cancer, Diabetes and Diabetes - Cancer Connection**  
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- XXIX. **The Role of Metformin on the Rat Prostate Cancer Cells: Proliferation and Lateral Motility**  
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- XXI. **Dunning prostat kanser modelinde karaciğer hasarı ve metformin**  
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- XXIV. **Propertive Properties of Melatonin Against Aluminum Induced Brain Injury**  
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- XXV. **Protective Effect of Metformin Against Heart Damage in Dunning Rat Prostate Cancer Model**  
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- XXVI. **Metformin diyabet ve Prostat kanser modelinde testiküler hasarı düzeltir**  
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- XXVII. **Prostat kanserli sıçanların testislerinde metforminin anti-oksidatif etkisi**  
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- XXVIII. **Protective Effects of Carnosine And Melatonin Against Nephrotoxicity Caused By Gamma Radiation in Rats**  
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- XXIX. **Melatonin and Carnosine Ameliorate Ionizing Radiation -Induced Oxidative Small Intestinal Damage in Rats**  
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- XXXVIII. **Alüminyumla oluşturulan sıçan ince bağırsak toksisitesi üzerinde melatonin rolü**  
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XIII International Congress of Histochemistry and Cytochemistry, Poland, 1 - 04 August 2008, vol.46, pp.41
- XL. **The effects of vitamin C, vitamin E and selenium againts cadmium toxicity on intestine of rats.**  
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- XLIII. **Oğul otu (Melissa officinalis) ekstraktının hiperlipidemili sıçanların karaciğer lipid peroksidasyonu ve glutatyon düzeyleri üzerine etkileri**  
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- XLVII. **Pazı (*Beta vulgaris var cicla*) ekstraktının diabetik sıçanların böbrek dokusu, serum üre ve kreatinin düzeyleri üzerine etkileri**  
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XIII. Bitkisel İlaç Hammaddeleri Toplantısı, İstanbul, Turkey, 20 - 22 September 2000, pp.15
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- L. **The effects of glibornuride on ultrastructural changes of liver in streptozotocin diabetes**  
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25. Ulusal Fizyoloji Kongresi (Uluslararası Katılımlı, Elazığ, Turkey, 1 - 04 September 1999, pp.191
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- LV. **Ehrlich Ascites Tümör hücrelerinde yaşlanma ile hücre kinetiği arasındaki ilişkiler.**  
KARABULUT-BULAN .  
XIII.Ulusal Biyoloji Kongresi, İstanbul, Turkey, 1 - 04 September 1996, vol.3, pp.470-479
- LVI. **Porcellio laevis (Crustacea: Isopoda) hepatopankreası mikroorganizmalarının mikrobiyolojik-sitolojik yöntemlerle saptanması**  
özmutlu Ö., Ang Küçükler M., Şan T., ERKAN M., KİMİRAN ERDEM A., BULAN N. Ö.  
XI. Ulusal Elektron Mikroskobu Kongresi, Edirne, Turkey, 1 - 04 September 1993, pp.155-156

## Supported Projects

BULAN N. Ö., Project Supported by Higher Education Institutions, GAMA RADYASYONUNUN NEDEN OLDUĞU KARACİĞER HASARI ÜZERİNE KARNOZİN VE MELATONİNİN KORUYUCU ETKİLERİ, 2015 - 2017

BAYRAK B. B., YANARDAĞ R., BULAN N. Ö., SARIKAYA ÜNAL G., Project Supported by Higher Education Institutions,

Protective Properties of Melatonin Against Aluminum Induced Brain Injury, 2016 - 2016  
BULAN N. Ö., Project Supported by Higher Education Institutions, Melatonin and Carnosine Ameliorate Ionizing Radiation-Induced Oxidative Small Intestinal Damage in Rats, 2015 - 2016  
BULAN N. Ö., Project Supported by Higher Education Institutions, ANTIOXIDANT EFFECTS OF CARNOSINE AND MELATONIN AGAINST GAMMA RADIATION-INDUCED SMALL INTESTINE INJURY, 2015 - 2015  
BULAN N. Ö., Project Supported by Higher Education Institutions, Gama Radyasyonun Neden Olduğu İnce Bağırsak Hasarına Karşı Karnozin ve Melatoninin Etkileri, 2011 - 2014  
BULAN N. Ö., Project Supported by Higher Education Institutions, Melatonin Prevents Rat Kidney Injury Caused by Exposure to Aluminium, 2013 - 2013  
BULAN N. Ö., Project Supported by Higher Education Institutions, Alüminyumla oluşturulan sıçan böbrek hasarı üzerinde melatoninin rolü, 2010 - 2012  
BULAN N. Ö., Project Supported by Higher Education Institutions, Alüminyum ile Oluşturulan Sıçan İnce Bağırsak Toksikitesi Üzerinde Melatoninin Rolü, 2009 - 2011  
BULAN N. Ö., Project Supported by Higher Education Institutions, Gelişmekte olan sıçan karaciğeri üzerinde a-difluoromethlornitine'nin etkisi, 2009 - 2011  
BULAN N. Ö., Project Supported by Higher Education Institutions, The role of İnsülin-Like Growth Factor-I and Poliamins in Developing Rat Small Intestine, 2008 - 2008

## Memberships / Tasks in Scientific Organizations

Türk Elektron Mikroskopi Derneği, Principal Member, 2016 - Continues, Turkey  
European Microscopy Society (EMS), Member, 2002 - Continues  
International Federation of Societies for Histochemistry and Cytochemistry, Member, 2002 - Continues  
Biyologlar Derneği, Member, 1998 - Continues  
Türk Elektron Mikroskopi Derneği, Member, 1998 - Continues

## Scientific Refereeing

Eurjbiol, National Scientific Refreed Journal, November 2019  
Project Supported by Higher Education Institutions, June 2014  
Toxicology and Industrial Health, SCI Journal, May 2014  
Toxicology and Industrial Health, SCI Journal, April 2014  
TUBITAK Project, August 2013  
TURKISH JOURNAL OF BIOLOGY , National Scientific Refreed Journal, March 2011

## Metrics

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## Congress and Symposium Activities

31. uLUSAL KİMYA KONGRESİ, Attendee, İstanbul, Turkey, 2019  
7.Multidisipliner Kanser Araştırma & 1.Temel Onkoloji Kongresi Uluslararası katılımlı, Attendee, İzmir, Turkey, 2018  
XXVIII World Congress World Association of Societies of Pathology and Laboratory Medicine, Attendee, Cancún, Mexico,

2016

15th International Conference on Oxidative Stress Reduction, redox homeostasis and antioxidants, Attendee, Paris, France, 2015

Deneysel Tasarım ve Ön Biyoistatistik Sempozyumu, Attendee, İstanbul, Turkey, 2014

18TH International Microscopy Congress, Attendee, Prag, Czech Republic, 2014

İyon Kanalları Kanser Sempozyumu, Attendee, İstanbul, Turkey, 2014

44th World Chemistry Congress, Attendee, İstanbul, Turkey, 2013

Federation of European Biochemical Societies CONGRESS "Mechanisms in Biology" 2013, Attendee, St. Petersburg, Russia, 2013

Federation of European Biochemical Societies CONGRESS 2013 "Mechanisms in Biology", Attendee, St. Petersburg, Russia, 2013

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

Programlı Hücre Ölümü:Güncel Yaklaşımlar" Sempozyumu, Attendee, İSTANBUL, Turkey, 2011

Joint Congress of FEPS and Turkish Society of Physiological Sciences, Attendee, İSTANBUL, Turkey, 2011

II. DETAE Günleri, Attendee, İSTANBUL, Turkey, 2010

I. Kök Hücre Sempozyumu, Attendee, İSTANBUL, Turkey, 2010

I. DETAE Günleri, Attendee, İSTANBUL, Turkey, 2009

Programlı Hücre Ölümü Sempozyumu, Attendee, İSTANBUL, Turkey, 2008

XIII International Congress of Histochemistry and Cytochemistry, Attendee, GDANSK, Poland, 2008

12th International Congress of Histochemistry and Cytochemistry, Attendee, SAN DIEGO, United States Of America, 2004

Uluslararası Katılımlı 16. Elektron Mikroskopi Kongresi, Attendee, İZMİR, Turkey, 2003

Birinci Ulusal Glikobiyoloji Kongresi, Attendee, İZMİR, Turkey, 2003

XVI. Ulusal Kimya Kongresi, Attendee, KONYA, Turkey, 2002

15th International Congress on Electron Microscopy, Attendee, DURBAN, South Africa, 2002

15th International Congress on Electron Microscopy, Attendee, DURBAN, South Africa, 2002

10th Scientific Conference Electron Microscopy Society of Malaysia, Attendee, Malaysia, 2001

XIII. Bitkisel İlaç Hammaddeleri Toplantısı, Attendee, İSTANBUL, Turkey, 2000

XIII. Bitkisel İlaç Hammaddeleri Toplantısı, Attendee, İSTANBUL, Turkey, 2000

Türk Fizyolojik Bilimler Derneği 26. Ulusal Kongresi (Uluslararası Katılımlı), Attendee, ESKİŞEHİR, Turkey, 2000

12th European Congress on Electron Microscopy, Attendee, BRNO, Czech Republic, 2000

25. Ulusal Fizyoloji Kongresi (Uluslararası Katılımlı), Attendee, ELAZIĞ, Turkey, 1999

14. Ulusal Elektron Mikroskopi Kongresi (Uluslararası Katılımlı), Attendee, BURSA, Turkey, 1999

Uluslararası katılımlı 13. Ulusal Elektron Mikroskopi Kongresi, Attendee, ANKARA, Turkey, 1997

XIII. Ulusal Biyoloji Kongresi, Attendee, İSTANBUL, Turkey, 1996

XIII. Ulusal Biyoloji Kongresi, Attendee, İSTANBUL, Turkey, 1996

XII. Ulusal Elektron Mikroskopi Kongresi (Uluslararası Katılımlı), Attendee, ANTALYA, Turkey, 1995

XII. Ulusal Biyoloji Kongresi, Attendee, EDİRNE, Turkey, 1994

XI. Ulusal Elektron Mikroskopi Kongresi, Attendee, EDİRNE, Turkey, 1993

## Awards

BULAN N. Ö., İstanbul Üniversitesi Bilimsel Araştırma Projeleri Başarılı Araştırmacı Ödülü, İstanbul Üniversitesi Bilimsel Araştırma Projeleri, April 2009

BULAN N. Ö., KALKAN N., Tübitak Uluslararası Bilimsel Yayınları Teşvik Ödülü, TÜBİTAK, July 2008

BULAN N. Ö., ARDA PİRİNÇÇİ B. P., İstanbul Üniversitesi Bilimsel Araştırma Projeleri Başarılı Araştırmacı Ödülü, İstanbul Üniversitesi Bilimsel Araştırma Projeleri, April 2006

KALKAN N., BULAN N. Ö., BULAN N. Ö., Tübitak Uluslararası Bilimsel Yayınları Teşvik Ödülü, TÜBİTAK, August 2005

BULAN N. Ö., ARDA PİRİNÇÇİ B. P., İstanbul Üniversitesi Bilimsel Araştırma Projeleri Başarılı Araştırmacı Ödülü, İstanbul Üniversitesi Bilimsel Araştırma Projeleri, April 2004

BULAN N. Ö., TÜBİTAK Uluslararası Bilimsel Yayınları Teşvik Ödülü, TÜBİTAK, September 2003

BULAN N. Ö., İstanbul Üniversitesi Bilimsel Araştırma Projeleri Başarılı Araştırmacı Ödülü, İstanbul Üniversitesi Bilimsel Araştırma Projeleri, April 2003

BULAN N. Ö., TÜBİTAK Uluslararası Bilimsel Yayınları Teşvik Ödülü, TÜBİTAK, September 2002