

## Prof. BİLGEHAN DOĞRU

### Personal Information

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### Education Information

Doctorate, University of Liverpool, Faculty Of Science, United Kingdom 1989 - 1993

Postgraduate, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, Turkey 1983 - 1986

### Dissertations

Doctorate, Vitamin E and lipid peroxidation in blood, University of Liverpool, Faculty Of Science, 1993

Postgraduate, ASKORBİK ASİDİN DEMİR VE BAKIR METABOLİZMASINDAKİ ROLÜ, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1986

### Academic Titles / Tasks

Professor, Ankara University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2003 - Continues

### Academic and Administrative Experience

Ankara University, 2008 - 2009

### Courses

ARAŞTIRMA PROJESİ DERSİ TEORİK, Undergraduate, 2018 - 2019, 2017 - 2018, 2012 - 2013, 2011 - 2012, 2010 - 2011  
BİYOKİMYA II, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013, 2011 - 2012, 2010 - 2011

ARAŞTIRMA PROJESİ DERSİ PRATİK, Undergraduate, 2018 - 2019, 2017 - 2018, 2011 - 2012, 2010 - 2011

SERBEST RADİKALLER VE ANTİOKSİDANLAR, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013, 2011 - 2012, 2010 - 2011

BİYOKİMYA I, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

ORGANİK KİMYA VE BİYOKİMYA (DIŞ HEKİMLİĞİ) PRATİK, Undergraduate, 2018 - 2019, 2015 - 2016, 2013 - 2014

UZMANLIK ALAN DERSİ, Postgraduate, 2018 - 2019, 2013 - 2014, 2011 - 2012

KOLON KROMATOĞRAFİ TEKNİKLERİ PRATİK, Postgraduate, 2018 - 2019

ORGANİK KİMYA VE BİYOKİMYA (DIŞ HEKİMLİĞİ), Undergraduate, 2018 - 2019, 2015 - 2016, 2013 - 2014

BİYOKİMYA PRATİK (DİŞ HEKİMLİĞİ İÇİN), Undergraduate, 2017 - 2018, 2013 - 2014  
SERBEST RADİKALLER VE ANTİOKSİDANLAR, Postgraduate, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2012 - 2013  
KOLON KROMATOĞRAFI TEKNİKLERİ PRATİK, Doctorate, 2017 - 2018  
BİYOKİMYA II, Associate Degree, 2017 - 2018  
BİYOKİMYA (DİŞ HEKİMLİĞİ İÇİN), Undergraduate, 2017 - 2018, 2013 - 2014  
BİYOKİMYA PRATİK, Undergraduate, 2017 - 2018, 2014 - 2015, 2012 - 2013  
Organik Kimya ve Biyokimya uygulama, Undergraduate, 2016 - 2017  
ÇEVRE KİRLİLİĞİNİN BİYOKİMYASAL SONUÇLARI, Doctorate, 2016 - 2017  
Organik Kimya ve Biyokimya, Undergraduate, 2016 - 2017  
PROJE DERSİ (T), Undergraduate, 2016 - 2017, 2015 - 2016, 2013 - 2014  
Kolon Kromatoğrafi Teknikleri, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015  
PROJE DERSİ PRATİK, Undergraduate, 2016 - 2017, 2015 - 2016  
proteinlerin izolasyon ve pürifikasyonları, Doctorate, 2015 - 2016, 2014 - 2015, 2012 - 2013, 2011 - 2012  
Biyokimya uygulama, Postgraduate, 2015 - 2016  
Kolon kromatoğrafi teknikleri, Doctorate, 2015 - 2016, 2012 - 2013  
PROJE DERSİ, Undergraduate, 2014 - 2015  
UZMANLIK ALAN DERSİ, Undergraduate, 2014 - 2015  
PROJE UYGULAMA, Undergraduate, 2014 - 2015  
Araştırma Projesi teorik, Undergraduate, 2013 - 2014  
Araştırma Projesi uygulama (P), Undergraduate, 2013 - 2014  
Proje uygulama (P), Undergraduate, 2013 - 2014  
Temel Biyokimya (Biyoteknoloji) , Postgraduate, 2012 - 2013  
PAA jel elektroforezi, Postgraduate, 2012 - 2013  
Araştırma Projesi dersi uygulama , Undergraduate, 2012 - 2013  
Uzmanlık alan dersi, Doctorate, 2012 - 2013  
Biyokimya uygulama, Undergraduate, 2011 - 2012  
Temel Biyokimya (Biyoteknoloji için), Postgraduate, 2010 - 2011  
Kolon kromatoğrafisi, Doctorate, 2010 - 2011  
temel Biyokimya, Undergraduate, 2010 - 2011

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

- I. **Evaluation of oxidative stress in renal transplant recipients treated with cyclosporine/tacrolimus: Role of HDL and heme oxygenase** Siklosporin/tacrolimus ile tedavi edilen böbrek nakli ahcilarında oksidatif stresin değerlendirilmesi: HDL ve hemoksijenaz'ın rolü  
BAKAR ATEŞ F., AKTAN F., KEVEN K., DOĞRU B., TÜZÜNER A., Erbay B., Nebioğlu S.  
Turkish Journal of Pharmaceutical Sciences, vol.10, no.1, pp.9-17, 2013 (SCI-Expanded)
- II. **Low-Density Lipoprotein Oxidizability and the Alteration of Its Fatty Acid Content in Renal Transplant Recipients Treated With Cyclosporine/Tacrolimus**  
Bakar F., KEVEN K., Dogru B., Aktan F., ERTÜRK Ş., Tuzuner A., Erbay B., Nebioglu S.  
Transplantation Proceedings, vol.41, no.5, pp.1630-1633, 2009 (SCI-Expanded)
- III. **FATTY ACID COMPOSITION OF HDL IN RENAL TRANSPLANT RECIPIENTS TREATED WITH CYCLOSPORIN/TACROLIMUS**  
BAKAR ATEŞ F., AKTAN F., KEVEN K., DOĞRU B., TÜZÜNER A., Erbay B., Nebioglu S.  
IUBMB LIFE, vol.61, no.3, pp.343-344, 2009 (SCI-Expanded)
- IV. **Diabetes-induced decrease in rat brain microsomal Ca<sup>2+</sup>-ATPase activity**  
Pekiner B., Evcimen N., Nebioglu S.  
CELL BIOCHEMISTRY AND FUNCTION, no.4, pp.239-243, 2005 (SCI-Expanded)
- V. **Adenosine triphosphatase activity of streptozotocin-induced diabetic rat brain microsomes. Effect of vitamin E**

- Das Evcimen N., Ulusu N., Karasu C., Dogru B.  
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.23, no.3, pp.347-355, 2004 (SCI-Expanded)
- VI. **Determination of Ca<sup>2+</sup>-ATPase activity in streptozotocin-induced diabetic rat liver**  
Pekiner B., Evcimen N., Nebioglu S.  
DIABETES NUTRITION & METABOLISM, no.2, pp.116-120, 2002 (SCI-Expanded)
- VII. **In vitro effects of an azo compound on the haemolysis and unsaturated fatty acids of red blood cells**  
Pekiner B., Pennock J.  
CLINICA CHIMICA ACTA, no.2, pp.157-164, 1997 (SCI-Expanded)
- VIII. **Co-localization of glucokinase with actin filaments**  
Murata T., Katagiri H., Ishihara H., Shibasaki Y., Asano T., Toyoda Y., Pekiner B., Pekiner C., Miwa I., Oka Y.  
FEBS LETTERS, vol.406, no.1-2, pp.109-113, 1997 (SCI-Expanded)
- IX. **Fatty acids in plasma and red blood cell membranes in humans, rats, rabbits and dogs**  
Pekiner B., Pennock J.  
BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL, vol.37, no.2, pp.221-229, 1995 (SCI-Expanded)
- X. **USE OF ANTIOXIDANTS DURING PREPARATION OF ALPHA-TOCOPHEROL ENRICHED LIPOSOMES**  
PEKINER B., PENNOCK J.  
NUTRITION RESEARCH, vol.15, no.6, pp.795-802, 1995 (SCI-Expanded)
- XI. **EFFECT OF VITAMIN-C ON COPPER AND IRON STATUS IN MEN AND GUINEA-PIGS**  
PEKINER B., NEBIOGLU S.  
JOURNAL OF NUTRITIONAL SCIENCE AND VITAMINOLOGY, no.5, pp.401-410, 1994 (SCI-Expanded)
- XII. **OXIDATION OF HUMAN RED-BLOOD-CELLS BY A FREE-RADICAL INITIATOR AND EFFECTS OF RADICAL SCAVENGERS**  
PEKINER B., PENNOCK J.  
BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL, vol.33, no.6, pp.1159-1167, 1994 (SCI-Expanded)
- XIII. **EFFECTS OF ASCORBIC-ACID SUPPLEMENTATION ON LIVER, LUNG AND KIDNEY MICROSOMAL DRUG-METABOLIZING-ENZYMES OF THE GUINEA-PIG**  
ISCAN M., DOGRU B., KOCER Z., NEBIOGLU S.  
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY B-BIOCHEMISTRY & MOLECULAR BIOLOGY, vol.87, no.3, pp.575-580, 1987 (SCI-Expanded)

## Articles Published in Other Journals

- I. **An Association Between C-reactive Protein and Cardiovascular Diseases**  
DOĞRU B., HAMAMCIOĞLU A. C., YEŞİLTAŞ T.  
Batu Karadeniz Tıp Dergisi, vol.1, pp.66-75, 2017 (Peer-Reviewed Journal)
- II. **Oksidanlar antioksidanlar ve antioksidan etkili yüksek bitkiler**  
DOĞRU B., Işık Ş. F., KÖROĞLU A.  
Hayat sağlık, Sağlık ve Sosyal Bilimler Dergisi, vol.12, pp.82-101, 2015 (Non Peer-Reviewed Journal)
- III. **Evaluation of oxidative stress in renal transplant recipients treated with cyclosporine tacrolimus**  
**Role of HDL and heme oxygenase**  
Bakar F., Bülent E., DOĞRU B.  
Turkish Journal of Pharmaceutical Sciences, vol.10, no.1, pp.9-17, 2013 (Scopus)
- IV. **gas chromatographic analysis of PS PI LPC and SPH fatty acids in red blood cell membrane of rat rabbit human and dog**  
Dermiş S., DOĞRU B.  
Communications faculty of Science University of Ankara series B, vol.54, no.2, pp.1-16, 2008 (Peer-Reviewed Journal)
- V. **Gas Chromatographic Analysis of PS,PI,SPH and LPC Fatty Acids in Red Blood Cell Membrane of Rat, Rabbit, Human, and Dog**  
DERMİŞ S., DOĞRU B.

Commun.Fac.Sci.Univ.Ank.Series B, vol.54, no.2, pp.1-16, 2008 (Peer-Reviewed Journal)

- VI. **Faty acid composition in RBC membrane of PE and PC of rat rabbit human and dog**  
Pekiner DOĞRU B.

Journal of Faculty of Pharmacy of Ankara University, Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.31, pp.169-182, 2002 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Molecular modeling studies on some aldose reductase enzyme inhibitors**  
BOLELLİ K., ERTAN BOLELLİ T., DOĞRU B., YILDIZ İ.  
International Chemistry Biology Conference'18, Şarm El-Şeyh, Egypt, 11 - 14 July 2018, pp.159
- II. **Glycogen Synthase Kinase 3 Beta inhibition by several acetylcholinesterase inhibitors**  
YALÇIN G., DOĞRU B., YILDIZ İ.  
4th International Turkic World Conference on Chemical Sciences and Technologies, Kiev, Ukraine, 7 - 10 September 2018, pp.145
- III. **Docking studies of some sulfonamidobenzoxazole derivatives on aldose reductase enzyme2**  
ERTAN BOLELLİ T., BOLELLİ K., DOĞRU B., YILDIZ İ.  
4th International Turkic World Conference on Chemical Sciences and Technologies, Kiev, 7 - 10 September 2018
- IV. **Docking studies of some sulfonamidobenzoxazole derivatives on aldose reductase enzyme**  
ERTAN BOLELLİ T., BOLELLİ K., DOĞRU B., YILDIZ İ.  
4th International Turkic World Conference on Chemical Sciences and Technologies, Kiev, Ukraine, 7 - 10 September 2018, pp.144
- V. **Molecular Binding Profile of Protoberberine Alkaloids on Receptor for Advanced Glycation Endproducts (RAGE) as a Drug Candidate for Alzheimer's Diseases**  
DOĞRU B., YILDIZ İ., YALÇIN G.  
International Chemistry and Biology Conference, Sharm El-Sheikh, Egypt, 11 - 14 July 2018, pp.154
- VI. **Molecular Docking Studies of 2,5-Disubstituted Benzoxazole Derivatives as Aldose Reductase Enzyme Inhibitor**  
BOLELLİ K., ERTAN BOLELLİ T., DOĞRU B., YILDIZ İ.  
3rd International Turkic World Conference on Chemical Sciences and Technologies, 10 - 13 September 2017, pp.169
- VII. **Fatty acid composition of HDL in renal transplant recipients treated with Cyclosporin Tacrolimus**  
BAKAR F., AKTAN F., KEVEN K., DOĞRU B., TÜZÜNER A., ERBAY B., NEBİOĞLU S.  
III. International Congress of Molecular Medicine, 5 - 08 May 2009, vol.61, pp.343-344
- VIII. **Oksidatif Stres ve Böbrek Transplant Alıcılarında HDL Yağ Asiti İçeriğindeki Değişiklikler**  
BAKAR F., AKTAN F., KEVEN K., DOĞRU B., TÜZÜNER A., ERBAY B., NEBİOĞLU S., TAVUKÇUOĞLU E., ÖZTÜRK S. C., KARATAŞ KURŞUN H., et al.  
XX. Ulusal Biyokimya Kongresi, Turkey, 29 October - 01 November 2008

## Supported Projects

Yıldız İ., Doğru B., Project Supported by Higher Education Institutions, Bazı sülfonamid grubu taşıyan benzoksazol türevlerinin Aldoz redüktaz aktivitesi üzerine etkisi, 2016 - 2019

DOĞRU B., YILDIZ İ., Project Supported by Higher Education Institutions, - Bazı sülfonamid grubu taşıyan benzoksazol türevlerinin Aldoz redüktaz aktivitesi üzerine etkisi, 2016 - 2019

DOĞRU B., OZANSOY F. G., Project Supported by Higher Education Institutions, BAP Ankara Üniversitesi Yüksek yağlı diyetle beslenen STZ diyabetik sıçan modelinde aliskiren tedavisinin insülin direnci ve kardiyovasküler bozukluklar üzerindeki etkileri, 2012 - 2017

DOĞRU B., TUBITAK Project, Yüksek yağlı diyetle beslenen streptozotosin diyabetik sıçan modelinde aliskiren tedavisinin

insülin direnci ve kardiyovasküler bozukluklar üzerindeki etkileri, 2012 - 2017

## Metrics

Publication: 28

Citation (WoS): 80

Citation (Scopus): 72

H-Index (WoS): 6

H-Index (Scopus): 5

## Artistic Activity

DOĞRU B., Aysel Kutluer ve İbrahim Akıncı çalışma gruplarından oluşan Ankara Üniversitesi Eczacılık Fakültesi Atölyesi Karma Resim Sergisi, April 2019

DOĞRU B., Ankara Üniversitesi Eczacılık Fakültesi resim Atölyesi Karma Resim Sergisi, April 2018

DOĞRU B., Ardahanlı Öğrenciler Yararına resim Sergisi, May 2017

DOĞRU B., Ankara Üniversitesi Eczacılık Fakültesi Resim Atölyesi Resim Sergisi, April 2017

DOĞRU B., Ankara Üniversitesi Eczacılık Fakültesi Resim Atölyesi Sergisi, April 2016

DOĞRU B., Ank. Üniv. Öğretim üyeleri ver mezunları İbrahim akıncı Atölyesi resim sergisi, April 2015

## Non Academic Experience

Meijo üniversitesi, Klinik Biyokimya Anabilim Dalı (Nagoya, Japonya)

Liverpool Üniversitesi Biyokimya Departmanı