

## ÖZGEÇMİŞ

Adı Soyadı : Nesrin Kartal Özer  
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## EĞİTİM

Profesörlük : Marmara Üniversitesi, Tıp Fakültesi, Biyokimya Bilim Dalı  
Eylül-1994  
Doçentlik : Marmara Üniversitesi, Tıp Fakültesi, Biyokimya Bilim Dalı  
Kasım-1988  
Doktora : Hacettepe Üniversitesi, Tıp Fakültesi, Biyokimya  
Aralık-1983  
Yüksek Lisans : Hacettepe Üniversitesi, Eczacılık Fakültesi, Biyokimya Bilim Dalı  
Haziran-1980  
Lisans : Hacettepe Üniversitesi, Eczacılık Fakültesi  
Haziran-1977

## AKADEMİK ve MESLEKİ DENEYİM

1994- : Marmara Üniversitesi, Tıp Fakültesi, Biyokimya Anabilim Dalı (Profesör)  
1993-2004 : Institut für Biochemie und Molekularbiologie, İsviçre Bern'de her yıl kısa süreler  
ile misafir araştırmacı  
1988-1994 : Marmara Üniversitesi, Tıp Fakültesi, Biyokimya Anabilim Dalı (Doçent)  
1987-1988 : Marmara Üniversitesi, Tıp Fakültesi, Biyokimya Anabilim Dalı (Öğretim Görevlisi)  
1986-1987 : Hacettepe Üniversitesi, Tıp Fakültesi, Biyokimya Anabilim Dalı (Araştırma  
Görevlisi)  
1985- 1986 : St.George's Hospital, Medical School, Department of Biochemistry, Londra,  
İngiltere,  
1983- 1985 : Hacettepe Üniversitesi, Eczacılık Fakültesi, Biyokimya Anabilim Dalı (Asistan)  
1980- 1983 : Hacettepe Üniversitesi, Eczacılık Fakültesi, Biyokimya Anabilim Dalı (Asistan)  
Hacettepe Üniversitesi, Tıp Fakültesi, Biyokimya Anabilim Dalı (Doktora  
Öğrencisi)  
1977- 1980 : Hacettepe Üniversitesi, Eczacılık Fakültesi, Biyokimya Anabilim Dalı (Asistan)

## AKADEMİK VE İDARİ GÖREVLER

2014- : Marmara Üniversitesi Uygulama-Araştırma Merkezleri (UYGAR) Komisyonu Üyesi  
2012- : Marmara Üniversitesi Rektörlüğü Genetik ve Metabolik Hastalıklar Araştırma ve Uygulama Merkezi  
(GEMHAM) Müdürü  
2010-2012 : Marmara Üniversitesi Rektörlüğü Genetik ve Metabolik Hastalıklar Araştırma ve Uygulama Merkezi  
(GEMHAM) Müdür Yardımcısı  
2011- : Marmara Üniversitesi, Tıp Fakültesi, Biyokimya Anabilim Dalı Başkanı  
2005- : LSH-ACC-Mentor Multiplier (EU Framework Programme çerçevesinde)  
2004-2009 : Marmara Üniversitesi Araştırma Etik Kurul Üyesi  
2000-2002 : Marmara Üniversitesi Tıp Fakültesi Mezuniyet Sonrası Eğitim Kurulu Üyesi  
2000-2002 : Marmara Üniversitesi Uluslararası İlişkiler Komisyonu Üyesi  
2000-2002 : Marmara Üniversitesi Özdeğerlendirme Proje Ekibi Üyesi

2000-2002	Marmara Üniversitesi Rektörlüğü Araştırma Fonu Başkan Yardımcısı ve Yönetim Kurulu Üyesi
2000-2002	Marmara Üniversitesi Tıp Fakültesi Temel Tıp Bilimleri Bölüm Başkan Yardımcısı
1998-1999	Marmara Üniversitesi Sağlık Bilimleri Enstitüsü Müdür Yardımcısı
1996-2000	Marmara Üniversitesi Senatosu Üyesi
1996-1998	Marmara Üniversitesi Tıp Fakültesi Temel Tıp Bilimleri Bölüm Başkan Yardımcısı
1995-2000	Marmara Üniversitesi Sağlık Eğitimi Fakültesi Fakülte Kurulu Üyesi
1991-1994	Marmara Üniversitesi Tıp Fakültesi Multidisiplin Öğrenci Laboratuvarı Başkanı
1989-1991	Marmara Üniversitesi Tıp Fakültesi Dönem I Koordinatörü

### **VERDİĞİ DERSLER**

Marmara Üniversitesi Tıp Fakültesi Dönem I, Dönem II ve Dönem III Biyokimya Dersleri (1987- )  
Marmara Üniversitesi Sağlık Bilimleri Enstitüsü Biyokimya Anabilim Dalı Yüksek Lisans Dersleri (1988- )  
Marmara Üniversitesi Sağlık Bilimleri Enstitüsü Biyokimya Anabilim Dalı Doktora Dersleri (1988- )  
Marmara Üniversitesi Hemşirelik Yüksek Okulu Biyokimya Dersleri (1987-1989)  
Marmara Üniversitesi Sağlık Hizmetleri Meslek Yüksek Okulu Tıbbi Laboratuvar Bölümü Biyokimya Dersleri(1990-1993)  
Marmara Üniversitesi Sağlık Eğitimi Fakültesi Biyokimya Dersleri (1996-1999)  
Koç Üniversitesi Kimya Bölümü Biyokimya Dersi (1996-1999)  
Yeditepe Üniversitesi Tıp ve Diş Hekimliği Fakülteleri Biyokimya Dersleri (1997-2003 )  
Medipol Üniversitesi Tıp ve Diş Hekimliği Fakülteleri Biyokimya Dersleri (2009-2011)

### **AKADEMİK YÖNETİCİSİ OLDUĞU LİSANS ÜSTÜ ÖĞRENCİLER**

1. Uğur Öncel, Doktora Tezi “İnsan Eritrosit Glukoz Taşıyıcısına Lipitlerin Etkisi”, 1992.
2. Önder Şirikçi, Doktora Tezi “D- $\alpha$ -Tokoferol’ün Düz Kas Hücreleri Üzerine Olan Etkisinin *in vivo* Olarak İncelenmesi ve Bunun Aterosklerozdaki Önemi”, 1995.
3. Suzan Taha, Yüksek Lisans Tezi “Homosistein’in Düz Kas Hücrelerine Olan Etkisinin İncelenmesi ve Bunun Aterosklerozdaki Rolü”, 1998.
4. Kaya Engin, Doktora Tezi “Tavşanlarda Çeşitli Yöntemlerle Oluşturulan Aterosklerozda Aortada Meydana Gelen Değişikliklerin İncelenmesi ve Vitamin E’nin Rolü”, 1999.
5. Yeşim Neğiş, Yüksek Lisans Tezi “Hiperhomosisteinemi ile Sıçan Aortasında Meydana Değişikliklerin İncelenmesi ve Bunun Aterosklerozdaki Önemi”, 2002.
6. Nurgül Aytan, Yüksek Lisans Tezi “Hiperkolesterolemi ile Tavşan Aortasında Meydana Gelen Aterosklerotik Değişiklikler ve Vitamin E’nin Rolü”, 2002.
7. Deniz Yat, Yüksek Lisans Tezi “Homosistein ve Ateroskleroz: Vitamin E’nin Rolü”, 2003.
8. Levent Binnetoğlu, Yüksek Lisans Tezi “Hiperkolesterolemi ile Oluşturulan Ateroskleroz Vitamin E ile Geri Döndürülebilir mi?” 2005.
9. Yeşim Neğiş, Doktora Tezi “Tokoferil Fosfatın Aterosklerozdaki Rolünün *in vitro* ve *in vivo* Sistemlerde İncelenmesi” 2006.
10. Nurgül Aytan, Doktora Tezi, “Hiperkolesterolemi ve Alzheimer Arasındaki İlişkinin Moleküler Mekanizmasının ve Vitamin E’nin Rolünün İncelenmesi” 2007.
11. Faruk Tamtürk, Yüksek Lisans Tezi “CD36 Gen Polimorfizmi ve Ateroskleroz Arasındaki İlişkinin İncelenmesi” 2007.
12. Burak Yazgan, Yüksek Lisans Tezi “Monosit ve aortadaki CD36 ekspresyonunun ateroskleroz açısından değerlendirilmesi” 2009.
13. Erdi Sözen, Yüksek Lisans Tezi “Hiperkolesterolemi ile oluşturulan aterosklerozda protein kinaz C, C-jun-N-terminal kinaz ve aktivator protein-1 in rolünün araştırılması”, 2011.
14. Perinur Bozaykut, Yüksek Lisans Tezi “Hiperkolesterolemi modelinde lipit birikimi ve aterogeneze rol alan faktörlerin aydınlatılması”, 2011.
15. Seyfettin Üstünsoy, Tıpta Uzmanlık Tezi “Hiperkolesterolemi ile oluşabilecek oksidatif stresin ve monosit CD36 reseptör ekspresyonunun ateroskleroz riski açısından değerlendirilmesi”, 2012.
16. Elif Kağa, Doktora Tezi “Hiperkolesterolemik tavşanlarda aorta dokusunda farklı olarak eksprese edilen proteinlerin tanımlanması”, 2014.
17. Fetullah Gerin, Tıpta Uzmanlık Tezi, “Monosit CD36 ekspresyonu ile koroner arter hastalığının şiddeti arasındaki ilişkinin araştırılması”, 2014.
18. Esra Özaltın , Yüksek Lisans Tezi “Hiperkolesterolemi ile oluşturulan non-alkolik karaciğer yağlanmasında karaciğerdeki moleküler mekanizmanın incelenmesi”, 2014

## **SU ANDA AKADEMİK YÖNETİCİSİ OLDUĞU ÖĞRENCİLER**

19. Erdi Sözen, Doktora Öğrencisi
20. Burak Yazgan, Doktora Öğrencisi
21. Perinur Bozaykut, Doktora Öğrencisi
22. Ali Şahin, Doktora Öğrencisi
23. Aslı Ece, Yüksek Lisans Öğrencisi
24. Alper İsmicoglu , Yüksek Lisans Öğrencisi

## **YÜRÜTTÜĞÜ ARAŞTIRMA PROJELERİ**

ECZACIBAŞI BİLİMSEL ARAŞTIRMA ÖDÜL FONU “Hiperlipideminin eritrosit glukoz taşıyıcısına olan etkisinin incelenmesi” 1991-1992.

UNESCO Molecular and Cell Biology “The effect of  $\alpha$ -tocopherol on smooth muscle cells in vivo and its complications for atherosclerosis” 1994-1995.

MARMARA ÜNİVERSİTESİ ARAŞTIRMA FONU “Vitamin E’nin deneysel olarak oluşturulan atherosklerozdaki etkisinin incelenmesi:moleküler mekanizması” 1995-1996.

UNESCO Molecular and Cell Biology, “Effect of silibin on lipid peroxidation and mesenchymal cell proliferation and function” 1996-1997.

MARMARA ÜNİVERSİTESİ ARAŞTIRMA FONU “Vitamin E’siz diyetle beslenen tavşanların aortasında görülen atherosklerotik değişiklikler” 1997-1998.

ECZACIBAŞI BİLİMSEL ARAŞTIRMA VE ÖDÜL FONU “Homosistein’in atheroskleroz oluşumundaki rolü ve bunun vitamin E ile kontrolü” 1998-1999.

MARMARA ÜNİVERSİTESİ ARAŞTIRMA FONU “Hiperhomosisteinemi ile tavşan aortasında oluşan değişikliklerin incelenmesi, bunun atherosklerozdaki önemi ve etki mekanizmalarının açıklanması” 2000-2004.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-034/131102 “Sıçanlarda diyetle indüklenen hiperhomosisteinemi’de oluşan atherosklerotik değişikliklerin moleküler mekanizması ve vitamin E’nin rolü” 2002-2005.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-069120503 “Hiperkolesterolemi ile oluşturulan atheroskleroz vitamin E ile geri döndürülebilir mi?” 2003-2005.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-081/120503 “Homosistein ve atheroskleroz: vitamin E’nin rolü” 2003-2005.

EUROPEAN UNION, 6th FRAMEWORK PROGRAMME, Life Sciences, Genomics & Biotechnology for Health Mentoring of Life Science Health-Multipliers in the Accession Candidate Countries: LSH-ACC-Mentor, Contract No:512010, 2005-2007.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU “CD36 Gen Polimorfizmi ve Atheroskleroz Arasındaki İlişkinin İncelenmesi” 2006-2008.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-DKR-290506-0091 “Hiperkolesterolemi ve Alzheimer Arasındaki İlişkinin Moleküler Mekanizmasının ve Vitamin E’nin Rolünün İncelenmesi”, 2006-2008.

COST ACTION B35 “Lipid Peroxidation Associated Disorders:LPO” 2006-2010. “Coordinator of Manangement Committee”.

TUBİTAK SBAG-COSTB35-5(106S121) “ Hiperkolesterolemi ile oluşan ateroskleroz ve Alzheimer benzeri değişikliklerde farklı olarak eksprese edilen proteinlerin tanımlanması, tanı ve seyrini takip edecek belirteçlerin saptanması” 2006-2009.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-C-YLP-050608-0125 “Monosit ve aortadaki CD36 ekspresyonunun ateroskleroz açısından değerlendirilmesi”, 2008-2009.

DEVLET PLANLAMA TEŞKİLATI “Marmara Üniversitesi Rektörlüğü Genetik ve Metabolik Hastalıklar Araştırma ve Uygulama Merkezi (GEMHAM) Alt Yapı Projesi” 2010-2013.

COST CMST ACTION CM1001 “Chemistry of non-enzymatic protein modification- modulation of protein structure and function“ 2010-2014. Manangement Committee Member

TUBİTAK SBAG-COST CM1001 (110S281) “Yaşlanma sürecinde ısı şok proteinlerinin oksidatif protein modifikasyonlarındaki rolü” 2011-2014 projede araştırmacı/danışman

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-C-YLP-070211-0038 “Hiperkolesterolemi ile oluşturulan aterosklerozda köpük hücre oluşumdan sorumlu JNK ve PKC yolağının araştırılması” 2011-2012.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU, SAG-C-YLP-130511-0143 “Hiperkolesterolemi modelinde lipit birikimi ve aterogenezde rol oynayan faktörlerin aydınlatılması” 2011-2012.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-C-TUP-130511-0142 “Hiperkolesterolemi ile oluşan oksidatif stresin, CD36 ekspresyonunun ve gen polimorfizmin ateroskleroz riski açısından değerlendirilmesi” 2011-2012.

TUBİTAK Hızlı Destek projesi (111S289) “Hiperkolesterolemi ile oluşabilecek oksidatif stresin değişik organlar üzerindeki etkilerinin ve hastalıklarla ilişkisinin incelenmesi: Alfa tokoferol ve gama tokotrienolün bu durumdaki rolü” 2011-2012.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-A-130612-0202 “ Hiperkolesterolemi ile indüklenen oksidatif stres ve endoplazmik retikulum stresin kardiyak yetmezlik ile sonuçlanan hücre ölümü mekanizmalarına etkisi ve vitamin E nin rolü” 2012-2013.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-C-YLP-130213-0027 “Hiperkolesterolemi ile oluşturulan non-alkolik karaciğer yağlanmasında karaciğerdeki moleküler mekanizmanın incelenmesi” 2013-2014.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-C-DRP-130213-0028 “Hiperkolesterolemik tavşanlarda aorta dokusunda farklı olarak eksprese edilen proteinlerin tanımlanması” 2013-2015.

TUBİTAK TBAG- 212T156 “Proteazom İnhibisyonu Ve Şaperon Aracılı Otofaji İnhibisyonu Kombinasyonunun Meme Kanseri Hücrelerinde Apoptoz Ve Otofaji Açısından Değerlendirilmesi” 2013-2015 projede araştırmacı

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-C-TUP-110913-0368 “ Monosit CD36 ekspresyonu ile koroner arter hastalığı şiddeti arasındaki ilişkinin araştırılması”, 2013-2014.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-C-DKP-130515-0164 “Hiperkolesterolemi ile indüklenen endoplazmik retikulum stresin kardiyak dokuda proteozomal ve apoptotik aktivite üzerine etkisi”, 2015-2016.

MARMARA ÜNİVERSİTESİ BİLİMSEL ARAŞTIRMA PROJELERİ KOMİSYONU SAG-C-DKP-130515-0165 “Yüksek kolesterol diyeti ile oluşturulan ateroskleroz modelinde endoplazmik retikulum stres ve nükleer faktör-eritroid 2 ilişkili faktör 2 yolağının rolü ”, 2015-2016.

TUBITAK SBAG-115S464 “Hiperkolesterolemi ile oluşturulan non-alkolik karaciğer yağlanmasında karaciğerdeki moleküler mekanizmanın incelenmesi” 2015-2018.

### **ÜYE OLDUĞU BİLİMSEL KURULUŞLAR**

European Academy of Nutritional Sciences (Full Member)  
Research Group on Oxidative Stress (GRESKO-Paris) Scientific Committee Member  
The Oxygen Society (California) (Advisory Board Member)  
Third World Organization For Women In Science  
The Biochemical Society (Londra)  
The New York Academy of Sciences  
American Association For The Advancement of Science

Türk Biyokimya Derneği  
Türk Eczacılar Odası  
Farmasötik Bilimler Derneği  
Serbest Radikaller ve Antioksidanlar Araştırma Derneği Sekreteri (1995-2002)  
Society of Antiaging and Aesthetic Medicine, Turkey

### **GÖREV ALDIĞI BİLİMSEL KURULUŞLAR**

Society for Free Radicals Research-Europe President 2013-2014  
Society for Free Radicals Research-Europe President Elect 2011-2012  
Society for Free Radicals Research-Europe (General Secretary) (2002-2009 ) (<http://www.sfr-europe.org>)  
Society for Free Radicals Research-Europe (Committee Member, 1998-2002)  
FEBS Advanced Course Committee Member (2003-2006)  
UNESCO Global Molecular and Cell Biology Network (Responsible for Member Institute-Turkey)

### **DANIŞMANLIK YAPTIĞI ULUSLARARASI DERGİLER VE KURULUŞLAR**

Acta Biochimica et Biophysica Sinica  
Atherosclerosis  
Biochimie  
Cancer Detection and Prevention  
Cell Proliferation  
Comparative Biochemistry and Physiology  
FEBS Letters  
Free Radical Biology and Medicine  
Free Radical Research  
International Journal for Vitamin and Nutrition Research  
IUBMB Life  
Journal of Alzheimer's Disease  
Journal of Neurochemistry  
Lipids  
Metabolism  
Mechanisms of Aging and Development  
Molecular and Cellular Biochemistry  
Nutrition  
Obesity  
Redox Report  
The Journal of Gerontology:Biological Sciences

EU Framework Programme, LSH-ACC-Mentor Multiplier (2006'dan bu yana danışman)  
FP6 LSH için Evaluator  
NATO Advanced Study Institute Workshop/Meeting Projeleri Danışmanlığı  
Research Group on Oxidative Stress (GRESKO-Paris) Scientific Committee Member

## **DANIŞMANLIK VE HAKEMLİKLER YAPTIĞI ULUSAL DERGİLER VE ARAŞTIRMA FONLARI**

Ege Üniversitesi Tıp Fakültesi Dergisi

Klinik Gelişim

Turkish Journal of Medical Sciences (Türkiye Klinikleri Tıp Bilimleri Dergisi)

Akdeniz Üniversitesi Rektörlüğü Araştırma Fonu Proje Danışmanlığı

İstanbul Üniversitesi Rektörlüğü Araştırma Fonu Proje Danışmanlığı

Marmara Üniversitesi Rektörlüğü Araştırma Fonu Proje Danışmanlığı

TÜBİTAK Proje Danışmanlığı

TÜBA Ödül Danışmanlığı

## **YAYIN KURULUNDA BULUNDUĞU ULUSLARARASI DERGİLER**

Antioxidants and Redox Signaling (1999- )

Redox Biology (2013- )

Free Radical Biology of Medicine, Publication Committee Member (2013- )

## **ALDIĞI BURS VE ÖDÜLLER**

- NATO Advanced Courses Bursu (Eylül 1984)
- TÜBİTAK Yurt Dışı Doktora Sonrası Araştırma Bursu (Eylül 1985)
- FEBS Short Term Fellowship (1993)
- FEBS Short Term Fellowship (1995)
- Türk Toksikoloji Derneği Araştırma Ödülü (1992)
- Marmara Üniversitesi Rektörlüğü Uluslararası Yayın Ödülü (1997)
- Türk Tabipler Birliği, İstanbul Tabip Odası En İyi Makale Ödülü, İstanbul, Türkiye (1997)
- Marmara Üniversitesi Rektörlüğü Uluslararası Yayın Ödülü (1999)
- Serbest Radikaller ve Antioksidanlar Araştırma Derneği II.Ulusal Kongresi, Eskişehir, En İyi Poster Ödülü (1999)
- Marmara Üniversitesi Rektörlüğü Uluslararası Yayın Ödülü (2002)
- **The Oxygen Club of California Award and “Life Time Honorary Member” (2006)**  
**“In recognition of outstanding reseach contributions on the role of vitamin E in atherosclerosis and to fostering the field of free radical biology”**
- M.Ü.Tıp Fakültesi Dekanlığı (20 yıl Hizmet Ödülü, (2007)

## **DİĞER BİLİMSEL FALİYETLER**

- Organizasyon Komitesi Üyesi, 4th International Marmara Medical Days Haydarpaşa, İstanbul, Turkey, September 7-9, 1994.
- Organizasyon Komitesi Üyesi ve Treasurer, International Congress on Free Radicals in Health and Disease, İstanbul, Turkey, September 6-10, 1995.
- Oturum Başkanı, International Symposium on Natural Antioxidants: Molecular Mechanisms and Health Effects, Beijing, China, June 20-24, 1995.
- Oturum Başkanı, Oxygen Club of California, Annual Meeting Biological Oxidants and Antioxidants, Santa Barbara, California, February 8-10, 1996.
- Oturum Başkanı, Oxygen Club of California, Annual Meeting Biological Oxidants and Antioxidants, Santa Barbara, California, February 26-March 1, 1996.
- Oturum Başkanı, SFRR-ASIA/COSTAM/UNESCO-MCBN Workshop: Biological Oxidants & Antioxidants: Molecular Mechanisms and Health Effects, Penang, Malaysia, September 4-7, 1997.
- Tutor, NATO Advanced Study Institute” Free Radicals, Oxidative Stress and Antioxidants, Pathological Significance, Antalya, Turkey, May 24-June 4, 1997.
- Oturum Başkanı, Oxygen Club of California, Annual Meeting of the Oxygen Club of California, Oxidants and Antioxidants in Biology, Santa Barbara, California, February 5-8, 1998 World Congress.
- Uluslararası Bilimsel Komite Üyesi, The First Regional Meeting on Medical Sciences: “The roles of free radicals in heath and disease” Jerusalem-Amman, March 22-27, 1998.

- Uluslararası Bilimsel Komite Üyesi, Regulation of Biological Process by Free Radicals: Role of Antioxidants, Free Radical Scavengers, and Chelators, SFRR (Europe) Meeting, Moscow-Yaroslavl, Russia May 10-13, 1998.
- Uluslararası Danışma Komitesi Üyesi, International Conference on Emerging Potentials of Antioxidant Therapy-EPAT, Goa, India, January 9-11, 1999.
- Organizasyon Komitesi Üyesi, Serbest Radikaller ve Antioksidanlar Araştırma Derneği, II.Ulusal kongresi, Eskişehir, 19-22 Mayıs 1999.
- Tutor, FEBS Advanced Course-Free Radicals, Nitric Oxide and Antioxidants in Health and Disease, Antalya, Turkey, September 18-24, 1999.
- Uluslararası Organizasyon Komitesi Üyesi, First Southeast Europe Conference on Biomedical Research "Signal Transduction in Mammalian Cells: The Challenge for Translational Research", Cyprus, October 1999.
- En İyi Poster Seçimi Komite Üyesi, 1999 SFRR-Europe Summer Winter, Bio-flavanoids & Polyphenols in Health & Disease, Dinard, France, December 2-5, 1999.
- Bilimsel Komite Üyesi Research Group on Oxidative Stress-GRESCO-Paris (2000-)
- OCC Science and Humanity Prizes Selection Committee Member-Seçici komite üyesi, Oxygen Club of California, 2000 World Congress, Oxidants and Antioxidants in Biology, Santa Barbara, California, March 1-4, 2000.
- Türk Biyokimya Derneği adına FEBS ve IUBMB toplantıları için Delege, 18th INTERNATIONAL CONGRESS OF BIOCHEMISTRY AND MOLECULAR BIOLOGY. Beyond Genome, Birmingham, UK, July 16-20, 2000.
- OCC Science and Humanity Prizes Selection committee member, Oxygen Club of California, 2001 World Congress, Oxidants and Antioxidants in Biology, Santa Barbara, California, March 7-10, 2001.
- SFRR-Europe komite üyesi, The Meeting of the Society for Free Radical Research Europe, Rome, Italy, June 22-24, 2001.
- Oturum Başkanı, Second International Conference of the Society for Free Radical Research-Africa, Mauritius, July 15-19, 2001.
- Oturum Başkanı, (İkibinli Yıllarda Biyokimya Eğitimi-II:Sorunları ve Çözümleri, İzmir, 26-29 Ekim 2001.
- Konuşmacı, 9<sup>th</sup> FAOBMB Congress, Biochemistry and Molecular Biology in Health, Agriculture, Environment and Industry, Lahore, Pakistan, November 5-9, 2001.
- Konuşmacı, Crossroads in Health Biotechnology, Manila, Philippines, January 23-25, 2002.
- OCC Science and Humanity Prizes Selection Committee Member Oxygen Club of California, 2002 World Congress, Oxidants and Antioxidants in Biology, Santa Barbara, California, March 6-9, 2002.
- Oturum Başkanı, Young Investigator Awards Selection Committee Member-Seçici komite üyesi, ve
- Uluslararası Organizasyon Komitesi Üyesi, The Mid-Eastern Regional Series of Meetings on Medical Sciences: The Roles of Free Radicals in Health and Disease II:Cell Signalling, RONS Damage in Physiology, Pathology and Aging. Jerusalem and Berthlehem, Israel and Amman, 27-30 March, 2002.
- Organizatör, 2nd International Meeting on Free Radicals in Health and Disease: The role of oxidants and antioxidants in chronic diseases" Istanbul, Turkey, May 8-12, 2002.
- Uluslararası Bilimsel Komitesi Üyesi XIth Biennial Meeting of the International Society for Free Radical Research, Paris, France 17-21 July, 2002)
- Uluslararası Bilimsel Komitesi Üyesi, 5<sup>th</sup> MCBN-UNESCO/COSTAM/SFRR (MALAYSIA/ASEAN) WORKSHOP, "Micronutrients: Molecular Basis of Health and Disease", Kota Kinabalu, Sabah, Malaysian Borneo, July 16-20 2003.
- Evaluator for "FP6 Life Sciences and Health, Integrated Projects" 2004.
- Oturum Başkanı, Oxygen Club of California, 2004 World Congress, Oxidants and Antioxidants in Biology, Santa Barbara, California, March 10-13, 2004.
- Oturum Başkanı ve Program Komitesi Üyesi, Summer Meeting SFRR-Europe 2004 " Reactive oxygen species and antioxidants" Lodz Poland, July 2-5, 2004.
- Tutor in Free Radical School 2004 Free radicals and diseases: gene expression, cellular metabolism and pathophysiology, Spetses Greece, September 21-October 1, 2004.
- FP için Türkiye adına Mentor olarak, FP6 1<sup>st</sup> LSH-ACC- Mentor Workshop, Sofia, Bulgaria, 17-20 May, 2005.
- Oturum Başkanı, 2<sup>nd</sup> SFRRAsia/3<sup>rd</sup> International Symposium on Natural Antioxidants-Molecular Mechanisms and Health Effects, Shanghai, China, June 24-29, 2005.
- Oturum Başkanı ve Young Investigator Awards Seçme Komitesi Üyesi, Oxidants and Antioxidants in Biology, Alba, Italy, September, 7-10, 2005.
- Young Investigator Awards Seçme Komitesi Üyesi, Oxidants and Antioxidants in Biology, Santa Barbara, California USA, March 15-18, 2006.

- Coordinator of Management Committee of COST B35 Action 1<sup>st</sup> Meeting of Management Committee of COST Action B35 “Lipid Peroxidation Associated Disorders:LPO”, COST Office, Brussels, Belgium, June 2, 2006.
- Oturum Başkanı, 5<sup>th</sup> European Congress of Gerontology, Istanbul, Turkey, September 16-20, 2006.
- FEBS Advanced Course Committee Member-in-charge, FEBS/EMBO Workshop, 15<sup>th</sup> Protein Kinase Meeting ‘Spatial and Temporal Regulation of Signalling’, Oslo, Norway, 21-24 September 2006.
- Tutor in Free Radical Summer School 2006, Spetses Greece, September 30-October 6, 2006.
- FP için Türkiye adına Mentor olarak FP6 2<sup>nd</sup> LSH-ACC- Mentor Workshop, Prague, Czech Republic, 7-9 November, 2006.
- Coordinator of Management Committee of COST B35 Action 2<sup>nd</sup> Meeting of Management Committee/Working Group of COST Action B35 “Lipid Peroxidation Associated Disorders:LPO”, Espace-Moselle Business Centre, Brussels, Belgium, November 30- December 1, 2006.
- Oturum Başkanı, Emerging Trends in Free Radical and Antioxidant Research-Meeting of SFRR-Asia/SFRR-India, Lonavala, India, January 8-11, 2007.
- Session Organizatörü, II. Congress of Molecular Medicine From Cell to Bedside, Istanbul, March 24-26, 2007.
- Coordinator of Management Committee and organizer of Workshop of COST B35 Action 3<sup>rd</sup> Meeting of Management Committee/Working Group of COST Action B35 “Lipid Peroxidation Associated Disorders:LPO”, Workshop of COST B35 “New Approaches and Developments in Molecular Mechanisms of Lipid Peroxidation Associated Disorders” Istanbul, Turkey, May 17-18, 2007.
- FEBS Advanced Course Committee Member-in-charge, FEBS Advanced Course, Lipid signalling pathways: from cell biology to novel drug targets, Ortona, Italy, June 22-28, 2007
- Young Investigator Session Organizer, SFRR Europe 2007 Meeting, Vilamoura, Portugal, October 10-13, 2007.
- Coordinator of Management Committee of COST B35 Action 4<sup>th</sup> Meeting of Management Committee/Working Group of COST Action B35 “Lipid Peroxidation Associated Disorders:LPO”, Inter-Domain and Inter-Action Meeting “Oxygen, Stress and Lipids” Dubrovnik, Croatia, October 25-27, 2007.
- OCC Chair of Young Investigator Award Committee Oxygen Club of California, 2008 World Congress, Oxidants and Antioxidants in Biology, Santa Barbara, California, March 12-15, 2008.
- Organizatör SFRR Europe Free Radical Summer School “Lipid peroxidation-and free radical-signaling:role in pathophysiology”, Spetses, Greece, August 30-September 5, 2008.
- Coordinator of Management Committee of COST B35 Action 5<sup>th</sup> Meeting of Management Committee/Working Group of COST Action B35 “Lipid Peroxidation Associated Disorders:LPO, Berlin, Germany, July 7, 2008.
- Tutor, Free Radical Summer School 2008, Spetses Greece, August 30-September 5, 2008.
- Coordinator of Management Committee of COST B35 Action 6<sup>th</sup> Meeting of Management Committee/Working Group of COST Action B35 “Lipid Peroxidation Associated Disorders:LPO”, Generali Tower, Avenue Louise 149, Brussels, December 12, 2008,
- Coordinator of Management Committee of COST B35 Action 7<sup>th</sup> MC Meeting of COST Action B35 “Lipid Peroxidation Associated Disorders: LPO”Placio de Congresos de ValenciaValencia, Spain, , February 20, 2009
- Oturum Başkanı, Uluslararası Organizasyon Komitesi Üyesi, 3<sup>rd</sup> Nutrition, Oxygen Biology and Medicine, Paris, France, April 8-10, 2009.
- Session Organizatörü “Redox regulation of cell signaling in ageing and disease”, III. Congress of Molecular Medicine From Cell to Bedside, Istanbul, May 5-8, 2009.
- Etik Kurul Komite Üyesi olarak, T.C. Sağlık Bakanlığı İlaç ve Eczacılık Genel Müdürlüğü “Klinik Araştırmalarda Etik Yaklaşım Kursu”, İstanbul, Nisan 27-28, 2009.
- 2009 “Catherine Pasquier Award Selection Committee” Üyesi
- Uluslararası Danışma Komitesi Üyesi, 21<sup>st</sup> IUBMB and 12<sup>th</sup> FAOBMB International Congress of Biochemistry and Molecular Biology, Shanghai, China, August 2-7, 2009.
- Oturum Başkanı, Uluslararası Organizasyon Komitesi Üyesi, SFRR-Europe Meeting 2009, Free Radicals, Health and Lifestyle:from cell signalling to disease prevention, Rome, Italy, August 26-29, 2009.
- Organizatör Marmara University Faculty of Medicine and Faculty of Pharmacy Joint Symposium on “Molecular mechanisms of aging and age related diseases and role of micronutrients” Istanbul, Turkey, 11 September, 2009.
- OCC Chair of Young Investigator Award Committee Oxygen Club of California, 2010 World Congress, Oxidants and Antioxidants in Biology, Santa Barbara, California, March 17-20, 2010.
- Tutor, SFRR-E Free Radical Summer School 2010, Spetses Greece, June 4-10, 2010.



- Chairperson and Coordinator of Manangement Committee of COST B35 Action 8<sup>th</sup> Meeting of Manangement Committee/Working Group of COST Action B35, Lipid Oxidation Human diseases and Aging, Turin, Italy, June 16-18, 2010.
- Chairperson of Young Investigator Award Committee, 4. International Nutrition, Biology and Oxygen in Medicine, Paris, France, June 11-15, 2011.
- Organizer SFRR Europe 2011 İstanbul, Turkey 7-11 September , 2011.
- 1<sup>st</sup> Annual Congress on Stem Cell Research,Sapanca, Turkey, September 28-October 2, 2011.
- Young Investigators Awards Selection Committee Member, Oxidants and Antioxidants in Biology, Cell Signaling and Nutrient-Gene Interactions, Alba, Italy, Jun 20-23, 2012.
- Organizing Committee Member, SFRR International 16<sup>th</sup> Meeting London, UK, September 6-9, 2012.
- Tutor, Biochemical basis of healthy ageing SFRR-Europe/IUBMB Advanced School, Spetses, Greece, September 24-30, 2012.
- Invited, Publication Committee Member, SFRBM 2012, San Diego,CA, USA, November 14-18, 2012.
- Invited,100 Years of Vitamins, Past, Present,Future: Micronutrients-Macro Impact, Basel, Switzerland, November 29-30, 2012.
- Nature Conference, Miami 2013 Winter Symposium: The Molecular Basis of Metabolism and Nutrition, Miami, FL,USA, February 10-13, 2013.
- President of SFRR-Europe, SFRR Europe 2013 Conference:The new era of –omics in Free Radicals in Biology and Medicine, Athens, Greece, September 23-25, 2013.
- Invited, Publication Committee Member, SFRBM 2013, San Antonio,TX, USA, November 21-23, 2013.
- Young Investigators Awards Selection Committee Member, 5.Symposium International Nutrition, Biology and Oxygen in Medicine, Development and Aging, Nutrition, Epigenetics and Lifestyle and the Healthspan, Paris, France, June 5-7, 2013.
- Invited, IUNS 20<sup>th</sup> International Congress of Nutrition, DSM Satellite Symposium, Granada, Spain, September 17, 2013.
- OCC Chair of Young Investigator Award Committee, Oxygen Club of California, 2010 World Congress, Oxidants and Antioxidants in Biology, Nutrition and Redox Biology in Development and Health, Davies, California, USA, May 7-10, 2014.
- Invited by the Netherlands Counsulate, Dutch Innovations in Life Sciences and Heath, İstanbul, Turkey, June 2, 2014.
- President of SFRR-Europe, SFRR-E Meeting 2014, Free Radicals:Insights in signaling and adaptive homeostasis, Paris, France, September 5-7, 2014.
- Tutor, Biochemical basis of healthy ageing SFRR-Europe/IUBMB Advanced School, Spetses, Greece, September 22-28, 2014.
- Invited, Publication Committee Member, SFRBM 2014, Seattle,WA, USA, November 19-23, 2014.

## YAYINLAR

### ULUSLARARASI DERGİLERDEKİ YAYINLAR

1. **Özer N.**, Ciliv G., Berkel I., Sanal Ö., Yeğın O., Ersoy F. Activities of some membrane-bound enzymes in Ataxia-Telangiectasia lymphocytes. In “**Progress in Immunodeficiency Research and Therapy**”(Eds. Griscelli, C. and Vossen, J.) Excerpta Medica, Amsterdam, New York, Oxford, I p:59-64, 1984.
2. **Özer N.**, Ciliv G., Berkel A.I., Sanal Ö., Yeğın O., Ersoy F. Studies on lymphocyte cell surface in Ataxia-Telangiectasia. Clinical and Experimental Immunology 61:118-124, 1985.
3. Çokuğraş N., Karan A., **Özer NK.**, Berkel AI. Lymphocyte gamma-glutamyl transpeptidase activity in Ataxia-Telangiectasia. Biochemical Medicine and Metabolic Biology 36: 377-381, 1986.
4. Criss W E., **Özer NK.**, Alper Ö. New approaches to cancer chemotherapy. Hacettepe Medical Journal 19: 67-91, 1986.
5. **Özer NK.**, Akar C., Criss W.E. A review of biological markers for cancer. The Turkish Journal of Cancer 17: 45-66, 1987.
6. **Özer NK.**, Özer Z. A computer program of biological markers in cancer. Turkish Journal of Cancer 18:39-46, 1988.
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8. Toker K., **Özer NK.**, Yalçın AS., Tüzüner S., Göğüş Y., Emerk K. Effect of chronic halothane exposure on lipid peroxidation, osmotic fragility and morphology of rat erythrocytes. Journal of Applied Toxicology 10:407-409,1990.
9. **Özer NK.**, Palozza P., Boscoboinik D., Azzi A. d- $\alpha$ -Tocopherol inhibits low density lipoprotein induced proliferation and protein kinase C activity in vascular smooth muscle cells. FEBS Letters 323:307-310, 1993.
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11. Azzi A., Boscoboinik D., Chatelain E., **Özer NK.**, Stauble B. d- $\alpha$ -Tocopherol and cell proliferation. In “**Oxidative Stress, Cell Activation and Viral Infection**” (Eds. Pasquier C., Olivier R., Auclair C. and Packer L.), Birkhauser Verlag Basel, p:131-141, 1994.
12. Azzi A., Boscoboinik D., **Özer NK.** Vascular smooth muscle cells: regulation and deregulation by reactive oxygen species In “**Exercise and Oxygen Toxicity**” (Eds Sen C.K., Packer L) Elsevier Science B.V. Amsterdam p:423-445, 1994.
13. **Özer NK.**, Boscoboinik D., Azzi A. New roles of low density proteins and vitamin E in the pathogenesis of atherosclerosis, Biochemistry and Molecular Biology International, 35: 117-124, 1995.
14. Boscoboinik D., **Özer NK.**, Moser U., Azzi A. Tocopherols and 6-hydroxy-chroman-2-carbonitrile derivatives inhibit vascular smooth muscle cell proliferation by a nonantioxidant mechanism. Archives of Biochemistry and Biophysics 318:241-246, 1995.
15. Azzi A., Boscoboinik D., **Özer NK.**, Stauble B, Tasinato A. Vascular smooth muscle cell proliferation is controlled by d- $\alpha$ -tocopherol at the level of protein kinase C and of AP-1. In “**Oxidative Stress and Aging**” (Eds. Cutler RG, Packer L, Bertram J. and Mori A), Birkhäuser Verlag, Basel, Boston, Berlin p:53-62, 1995.
16. Azzi A., Boscoboinik D., Marilley D., **Özer NK.**, Stauble B., Tasinato A. Inhibition of vascular smooth muscle cell proliferation by RRR- $\alpha$ -tocopherol:molecular mechanisms and pathophysiological implications. In

“Free Radicals, Lipoprotein Oxidation and Atherosclerosis” (Eds. Bellomo G., Finardi G., Maggi E. and Rice-Evans C.), Richelieu Press, London, p: 375-409, 1995.

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69. **Ozer NK**, Autophagy versus apoptosis in high cholesterol induced hearth failure, Third International Conference on Cellular Environmental Stressors in Biology and Medicine: Focus on Redox Reactions, Ferrara, Italy, June 25-27, 2014.
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72. **Ozer NK**, Identification of differentially expressed proteins in atherosclerotic aorta, Invited Lecture, University of Turin, PhD in Experimental Medicine and Theraphy, Scientific Progress Report, Turin, Italy November 14, 2014.
73. **Ozer NK**, High cholesterol induced ER stress: role in the progression of cardiovascular diseases, The DeWitt Goodman Seminar Program, Columbia University, NY, USA; April 15, 2015.
74. **Ozer NK**, The Role of Oxidative and Endoplasmic Reticulum Stress in Cardiac Failure, V. International Congress of Molecular Medicine, Dokuz Eylul university, Izmir, Turkey, 20-22 May, 2015.