

## Prof. Gökce TOPAL TANYILMAZ

### Personal Information

**Office Phone:** [+90 212 440 0000](tel:+902124400000) Extension: 13450

**Email:** [gtopal@istanbul.edu.tr](mailto:gtopal@istanbul.edu.tr)

**Web:** <http://aves.istanbul.edu.tr/gtopal/>

**Address:** İstanbul Üniversitesi Eczacılık Fakültesi Farmakoloji Anabilim Dalı 34116 Beyazıt İstanbul

### International Researcher IDs

ORCID: 0000-0001-7196-3179

Publons / Web Of Science ResearcherID: AAD-7819-2020

Yoksis Researcher ID: 199572

### Education Information

Doctorate, Université Paris 5, Eczacılık Fakültesi, İlaçlar Doktora Okulu, France 2001 - 2004

Postgraduate, İstanbul University, Sağlık Bilimleri Enstitüsü, Eczacılık Fakültesi, Farmakoloji Anabilim Dalı, Turkey 1999 - 2001

Undergraduate, İstanbul University, Faculty Of Pharmacy , Turkey 1994 - 1998

### Foreign Languages

English, C1 Advanced

French, C1 Advanced

### Certificates, Courses and Trainings

Other, Uygulamalı Girişimcilik, İstanbul Üniversitesi, 2013

Health&Medicine, Deney Hayvanları Kullanım Kursu, İstanbul Üniversitesi, 2006

### Dissertations

Doctorate, Endotelial NO'nun Biyoyararlanımının Düzenlenmesinin Mekanizmaları: Farklı Aterojenik Faktörlerin Etkileri, Université Paris 5, Eczacılık Fakültesi, Farmakoloji, Broussais Hastanesi, Cnrs Umr 7131 Araştırma Laboratuvarı, 2004

Postgraduate, 3-Hidroksi-3-Metilglutaril Koa (HMG KoA) Redüktaz İnhibitörü Olan Serivastatin'in İzole Sıçan Aortası Üzerine Olan Etkisinin İncelenmesi, İstanbul University, Faculty of Pharmacy , Farmakoloji , 2001

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacology

### Academic Titles / Tasks

Professor, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2020 - Continues  
Associate Professor, Istanbul University, Faculty of Pharmacy , Meslek Bilimleri, 2013 - 2020  
Assistant Professor, Istanbul University, Faculty of Pharmacy , Meslek Bilimleri, 2006 - 2013  
Medical Doctor, Université René-Descartes: Paris V, Denizcilik İşletmeleri Yönetimi, Cnrs Umr 7131 Araştırma Laboratuvarı, 2001 - 2004  
Research Assistant, Istanbul University, Faculty of Pharmacy , Meslek Bilimleri, 1999 - 2001

## Courses

Farmakoloji III, Undergraduate, 2014 - 2015  
Akılcı İlaç Kullanımı, Undergraduate, 2015 - 2016  
Farmakoterapi II, Undergraduate, 2014 - 2015  
Farmasötik Bakım, Undergraduate, 2014 - 2015  
Farmakoloji I, Undergraduate, 2014 - 2015  
Farmakoterapi I, Undergraduate, 2015 - 2016, 2014 - 2015  
Farmakoloji II , Undergraduate, 2015 - 2016, 2014 - 2015  
Uygulamalı Girişimcilik, Undergraduate, 2015 - 2016  
Klinik Eczacılık, Undergraduate, 2014 - 2015  
Bilimsel Sunum Teknikleri, Postgraduate, 2014 - 2015  
İleri Farmakolojik Deney Teknikleri, Doctorate, 2014 - 2015  
Parasempatik Sinir Sistemi Farmakolojisi, Doctorate, 2014 - 2015  
Temel Farmakolojik Deney Teknikleri, Postgraduate, 2013 - 2014

## Advising Theses

Topal Tanyılmaz G., Vasküler homeostaz üzerine perivasküler adipoz dokunun fizyolojik ve patofizyolojik rolünün incelenmesi, Doctorate, G.ÖZEN(Student), 2016  
TOPAL TANYILMAZ G., Koroner bypass greft materyallerinin reaktiviteleri üzerine perivasküler adipoz dokularının etkisinin incelenmesi, Postgraduate, G.Özen(Student), 2012  
TOPAL TANYILMAZ G., Sıçanlarda İndometazinle Oluşturulan Gastrik Ülser Üzerine Tetrahydrobiopterinin Etkilerinin İncelenmesi, Postgraduate, D.Yavuz(Student), 2011  
TOPAL TANYILMAZ G., Crataegus Ekstresinin Streptozotosin Diyabetik Sıçanlardaki Endotel Fonksiyon Bozukluğunun Gelişimi Üzerine Olan Etkilerinin İncelenmesi, Postgraduate, E.Koç(Student), 2008

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

- I. **Advancing coronary artery bypass grafting: the fasudil-nitroglycerin cocktail as a potential antispastic solution.**  
Dashwood M., Souza D., Topal G.  
Journal of thoracic disease, vol.16, no.4, pp.2694-2697, 2024 (SCI-Expanded)
- II. **Effect of specialized pro-resolving lipid mediators in the regulation of vascular tone and inflammation in human saphenous vein.**  
Celik Z., Ozen G., Sunar S., Türkyılmaz S., Türkyılmaz G., Kavala A. A., Teskin Ö., Doğan B. S. U., Topal G.  
Prostaglandins & other lipid mediators, pp.106786, 2023 (SCI-Expanded)
- III. **Comparative study of coronary artery bypass graft materials: reduced contraction and ADMA levels in internal mammary artery versus saphenous vein.**  
Ozen G., Aljesri K., Turkyilmaz G., Turkyilmaz S., Kavala A. A., Topal G., Norel X.

The Journal of cardiovascular surgery, vol.63, no.1, pp.69-77, 2022 (SCI-Expanded)

- IV. **In search of pulmonary hypertension treatments: Effect of 17 beta-estradiol on PGI(2) pathway in human pulmonary artery**  
Amgoud Y., Senbel A., Bouhadoun A., Abdelazeem H., Ozen G., Savane I., Manikpurage H. D., Mani S., Tran-Dinh A., Castier Y., et al.  
PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS, vol.172, 2021 (SCI-Expanded)
- V. **Mechanism of thromboxane receptor-induced vasoconstriction in human saphenous vein**  
Ozen G., Aljesri K., Celik Z., Turkyilmaz G., Turkyilmaz S., Teskin O., Norel X., Topal G.  
PROSTAGLANDINS & OTHER LIPID MEDIATORS, vol.151, 2020 (SCI-Expanded)
- VI. **Effect of omega-3 polyunsaturated fatty acids in modulation of vascular tone under physiological and pathological conditions.**  
Daci A., Celik Z., Ozen G., Dashwood M., Dogan B., Topal G.  
European journal of pharmaceutical sciences : official journal of the European Federation for Pharmaceutical Sciences, vol.153, pp.105499, 2020 (SCI-Expanded)
- VII. **In Vitro Effects of Eicosapentaenoic and Docosahexaenoic Acid on the Vascular Tone of a Human Saphenous Vein: Influence of Precontractile Agents**  
Daci A., Ozen G., Karaman E., Teskin O., Caglayan M., Celik Z., Ozden S., Dashwood M., Uydes D., Topal G.  
ANNALS OF VASCULAR SURGERY, vol.64, pp.318-327, 2020 (SCI-Expanded)
- VIII. **COVID-19-Endothelial Axis and Coronary Artery Bypass Graft Patency: a Target for Therapeutic Intervention?**  
Topal G., Loesch A., Dashwood M. R.  
BRAZILIAN JOURNAL OF CARDIOVASCULAR SURGERY, vol.35, no.5, pp.757-763, 2020 (SCI-Expanded)
- IX. **Inflammation increases MMP levels via PGE(2) in human vascular wall and plasma of obese women**  
Ozen G., Boumiza S., Deschildre C., Topal G., LONGROIS D., Jakobsson P. J., MICHEL J. B., JACOB M. P., CHAHED K., NOREL X.  
INTERNATIONAL JOURNAL OF OBESITY, vol.43, no.9, pp.1724-1734, 2019 (SCI-Expanded)
- X. **Inhibition of microsomal PGE synthase-1 reduces human vascular tone by increasing PGI(2): a safer alternative to COX-2 inhibition**  
Ozen G., GOMEZ I., Daci A., DESCHILDRE C., BOUBAYA L., TESKIN O., Uydes-Dogan B. S., Jakobsson P., LONGROIS D., TOPAL G., et al.  
BRITISH JOURNAL OF PHARMACOLOGY, vol.174, no.22, pp.4087-4098, 2017 (SCI-Expanded)
- XI. **Omega-3 polyunsaturated fatty acids reduce vascular tone and inflammation in human saphenous vein**  
Daci A., Ozen G., Uyar I., Civelek E., Yildirim F. İ., Durman D., Teskin O., Norel X., Uydes-Dogan B. S., Topal G.  
PROSTAGLANDINS & OTHER LIPID MEDIATORS, pp.29-34, 2017 (SCI-Expanded)
- XII. **Editorial-Special issue of the 6th European Workshop on Lipid Mediators**  
Steinhilber D., Uydes-Dogan B. S., Topal G., Claria J., Norel X., Schebb N. H., Bannenberg G.  
PROSTAGLANDINS & OTHER LIPID MEDIATORS, vol.133, pp.1-3, 2017 (SCI-Expanded)
- XIII. **Reverse Regulatory Pathway (H2S / PGE2 / MMP) in Human Aortic Aneurysm and Saphenous Vein Varicosity.**  
GOMEZ I., Ozen G., DESCHILDRE C., AMGOUD Y., BOUBAYA L., Gorenne I., BENYAHIA C., ROGER T., LESECHE G., GALARDON E., et al.  
PloS one, vol.11, no.6, 2016 (SCI-Expanded)
- XIV. **Human perivascular adipose tissue dysfunction as a cause of vascular disease: Focus on vascular tone and wall remodeling**  
Ozen G., Daci A., Norel X., Topal G.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.766, pp.16-24, 2015 (SCI-Expanded)
- XV. **Barnidipine ameliorates the vascular and renal injury in L-NAME-induced hypertensive rats**  
Yildirim F. İ., Kizilay D. E., Ergin B., Ekmekci O. B., Topal G., Kucur M., Tansel C. D., Dogan B. S.  
EUROPEAN JOURNAL OF PHARMACOLOGY, pp.433-442, 2015 (SCI-Expanded)
- XVI. **Ex vivo relaxations of pulmonary arteries induced by prostacyclin mimetics are highly dependent of**

### **the precontractile agents**

Benyahia C., Ozen G., Orié N., Ledwozyw A., LOUEDEC L., Li F., SENBEL A. M., Silverstein A., DANEL C., Longrois D., et al.

PROSTAGLANDINS & OTHER LIPID MEDIATORS, vol.121, pp.46-52, 2015 (SCI-Expanded)

- XVII. **Special Issue 5th European Workshop on Lipid Mediators**  
Topal G., Claria J., Norel X., Steinhilber D., Jakobsson P., Dogan S. U., Bannenberg G.  
PROSTAGLANDINS & OTHER LIPID MEDIATORS, vol.121, pp.1-3, 2015 (SCI-Expanded)
- XVIII. **Resveratrol improves high-fructose-induced vascular dysfunction in rats**  
Develi-Is S., Ozen G., Bekpinar S., Topal G., Unlucerci Y., Dogan B. S. U., Uysal M.  
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.92, no.12, pp.1021-1027, 2014 (SCI-Expanded)
- XIX. **Control of human vascular tone by prostanoids derived from perivascular adipose tissue**  
Ozen G., Topal G., Gomez I., Ghorreshi A., Boukais K., Benyahia C., Kanyinda L., Longrois D., Teskin O., Uydes-Dogan B. S., et al.  
PROSTAGLANDINS & OTHER LIPID MEDIATORS, vol.107, pp.13-17, 2013 (SCI-Expanded)
- XX. **Effects of Crataegus microphylla on Vascular Dysfunction in Streptozotocin-induced Diabetic Rats**  
Topal G., Koc E., Karaca C., Altug T., Ergin B., Demirci C., Melikoglu G., Meriçli A. H., Kucur M., Ozdemir O., et al.  
PHYTOTHERAPY RESEARCH, vol.27, no.3, pp.330-337, 2013 (SCI-Expanded)
- XXI. **Prostaglandin E-2 induced contraction of human intercostal arteries is mediated by the EP3 receptor**  
Longrois D., Gomez I., Foudi N., Topal G., Dhaouadi M., Kotelevets L., Chastre E., Norel X.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.681, pp.55-59, 2012 (SCI-Expanded)
- XXII. **Asymmetric dimethylarginine (ADMA) levels are increased in patients with fibromyalgia: Correlation with tumor necrosis factor-alpha (TNF-alpha) and 8-iso-prostaglandin F-2 alpha (8-iso-PGF(2 alpha))**  
Topal G., Dönmez A. A., Dogan B. S. U., Kucur M., Cengiz D. T., Berkoz F. B., Erdogan N.  
CLINICAL BIOCHEMISTRY, vol.44, pp.364-367, 2011 (SCI-Expanded)
- XXIII. **Involvement of prostaglandin F-2 alpha in preeclamptic human umbilical vein vasospasm: a role of prostaglandin F and thromboxane A(2) receptors**  
Topal G., Foudi N., Uydes-Dogan B. S., Cachina T., Kucur M., Gezer A., Madazli R., Ozdemir O., Norel X.  
JOURNAL OF HYPERTENSION, vol.28, no.12, pp.2438-2445, 2010 (SCI-Expanded)
- XXIV. **Crataegus microphylla improves endothelial dysfunction in streptozotocin-induced diabetic rats**  
Koc E., Topal G., Dogan B. S., Melikoglu G., Mericli A. H., Karaca C., Altug T., Ozdemir O.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.22, pp.66, 2008 (SCI-Expanded)
- XXV. **Mitochondrial arginase II modulates nitric-oxide synthesis through nonfreely exchangeable L-arginine pools in human endothelial cells**  
Gokce Topal J., Brunet A., Walch L., Boucher J. -, David-Duflho M.  
JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, vol.318, no.3, pp.1368-1374, 2006 (SCI-Expanded)
- XXVI. **Endothelial thrombomodulin induces Ca<sup>2+</sup> signals and nitric oxide synthesis through epidermal growth factor receptor kinase and calmodulin kinase II**  
David-Duflho M., Millanvoye-Ban Brussel E., Topal G., Walch L., Brunet A., Rendu F.  
JOURNAL OF BIOLOGICAL CHEMISTRY, vol.280, no.43, pp.35999-36006, 2005 (SCI-Expanded)
- XXVII. **Relaxant effects of pravastatin, atorvastatin and cerivastatin on isolated rat aortic rings**  
Uydes-Dogan B. S., Topal G., Takir S., Alp F., Kaleli D., ÖZDEMİR O.  
LIFE SCIENCES, vol.76, no.15, pp.1771-1786, 2005 (SCI-Expanded)
- XXVIII. **Homocysteine induces oxidative, stress by uncoupling of NO synthase activity through reduction of tetrahydrobiopterin**  
Topal G., Brunet A., Millanvoye E., Boucher J., Rendu F., Devynck M., David-Duflho M.  
FREE RADICAL BIOLOGY AND MEDICINE, vol.36, no.12, pp.1532-1541, 2004 (SCI-Expanded)
- XXIX. **Lysophosphatidylcholine and 7-oxocholesterol modulate Ca<sup>2+</sup> signals and inhibit the phosphorylation of endothelial NO synthase and cytosolic phospholipase A(2)**  
Millanvoye-Van Brussel E., Topal G., Brunet A., Do Phaw T., Deckert V., Rendu F., David-Duflho M.

BIOCHEMICAL JOURNAL, vol.380, pp.533-539, 2004 (SCI-Expanded)

XXX. **Relaxing effects of cerivastatin on isolated rat aorta**

Topal G., Uydes-Dogan B. S., Ozdemir O.

FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.15, pp.95, 2001 (SCI-Expanded)

## Articles Published in Other Journals

I. **Association between synovial fluid prostanoid levels and ultrasonographic findings in knee osteoarthritis**

Özen G., Şen E. İ., Çelik Z., Şahbaz T., Topal Tanyılmaz G., Dıraçoğlu D.

Cukurova Medical Journal, no.46, pp.934-943, 2021 (ESCI)

II. **Clinical characteristics of patients undergoing coronary artery bypass surgery: Focus on gender differences**

Özen G., Aljesri K., Kızar Ö., Topal Tanyılmaz G., Türkyılmaz G., Türkyılmaz S.

Istanbul Journal of Pharmacy, vol.50, no.3, pp.153-159, 2020 (ESCI)

## Books & Book Chapters

I. **Kardiyovasküler Sistem İlaçlarının Toksik Etkileri**

ÖZEN YORGANCIGİL G., TOPAL TANYILMAZ G.

in: Farmasötik Toksikoloji, Prof. Dr. Onur ERDEM, Doç. Dr. Merve BACANLI, Doç. Dr. İsmail Mert VURAL, Editor, Ankara Nobel Tıp Kitabevleri, Ankara, pp.201-236, 2022

II. **EczÇEP-Eczacılık Fakülteleri Müfredat Detay Çalışması**

Akalın E., Akev N., Erginer Y., Güzeldemirci N., Toker S., Kolak U., Özhan G., Güngör S., Gürer Ç., Özden S., et al. Kapitta Yayıncılık, Ankara, 2017

III. **EczÇEP- Eczacılık Fakülteleri Müfredat Detay Çalışması**

Akalın Uruşak E., Akev N., Erginer Y., Güzeldemirci N., Toker S., Kolak U., Özhan G., Güngör S., Gürer Ç., Özden S., et al.

Kapitta Yayıncılık, Ankara, 2017

IV. **Peptik ülser tedavisinde kullanılan ilaçlar.**

ÖZDEMİR O., TOPAL TANYILMAZ G., ALP YILDIRIM F. İ.

in: Özdemir O, Topal G, Alp Yıldırım Fİ, Kayaalp SO. İçinde: . editör. Akılcı Tedavi Yönünden Tıbbi Farmakoloji, 13. Baskı, , 2012. s. 1409-1422., Kayaalp S.O., Editor, Pelikan Yayıncılık, Ankara, Ankara, pp.1409-1422, 2012

V. **Peptik Ülser Tedavisinde Kullanılan İlaçlar**

ÖZDEMİR O., TOPAL TANYILMAZ G., Kayaalp S. O.

in: Rasyonel Tedavi Yönünden Tıbbi Farmakoloji, S Oğuz Kayaalp, Editor, pelikan, pp.1361-1376, 2009

## Refereed Congress / Symposium Publications in Proceedings

I. **ASSOCIATION BETWEEN SYNOVIAL FLUID PROSTANOID LEVELS AND CARTILAGE THICKNESS IN KNEE OSTEOARTHRITIS**

Çelik Z., Özen G., Şen E. İ., Topal Tanyılmaz G., Şahbaz T., Dıraçoğlu D.

26th National and 1st International Pharmacology Congress, İstanbul, Turkey, 4 - 06 November 2021, pp.379

II. **COMPARATIVE STUDY ON THE EFFECT OF ASPIRIN, TP RECEPTOR ANTAGONIST AND TXA2 SYNTHASE INHIBITOR ON THE VASCULAR TONE OF HUMAN SAPHENOUS VEIN AND INTERNAL MAMMARY ARTERY**

Aljesri K., Türkyılmaz G., Türkyılmaz S., Topal Tanyılmaz G., Özen G.

26th National and 1st International Pharmacology Congress, İstanbul, Turkey, 4 - 06 November 2021, pp.471

- III. **In vitro effects of eicosapentaenoic and docosahexaenoic acid on the vascular tone of a human saphenous vein**  
ÇELİK Z., DACI A., ÇELİK Z., ÖZEN YORGANCIGİL G., TESKİN Ö., DASHWOOD M., UYDEŞ DOĞAN B. S., TOPAL TANYILMAZ G.  
23rd ANNUAL MEETING OF THE EUROPEAN COUNCIL FOR CARDIOVASCULAR RESEARCH (ECCR), 9 - 10 October 2020
- IV. **Omega-3 polyunsaturated fatty acids reduce vascular tone and inflammation in human saphenous vein**  
DACI A., ÖZEN YORGANCIGİL G., UYAR İ., CİVELEK E., ALP YILDIRIM F. İ., KALELİ DURMAN D., TESKİN Ö., NOREL X., UYDEŞ DOĞAN B. S., TOPAL TANYILMAZ G.  
23rd ANNUAL MEETING OF THE EUROPEAN COUNCIL FOR CARDIOVASCULAR RESEARCH (ECCR), 9 - 10 October 2020
- V. **İnflamatuvar koşullarda izole koroner arter bypass greft materyallerinden saliverilen prostanoidler ve ADMA arasındaki ilişkinin incelenmesi**  
ÖZEN YORGANCIGİL G., TOPAL G., NOREL X.  
25. Ulusal Farmakoloji Kongresi, 4 - 07 November 2019
- VI. **Omega-3 çoklu doymamış yağ asitlerinin izole insan safen ven preparatlarındaki gevşetici etkisinin incelenmesi**  
Daci A., ÇELİK Z., ÖZEN G., Teskin Ö., UYDEŞ DOĞAN B. S., TOPAL TANYILMAZ G.  
25. Ulusal Farmakoloji Kongresi, İzmir, Turkey, 4 - 07 November 2019, pp.191
- VII. **The effects of TxA2 pathway on vascular tone regulation in human coronary bypass grafts**  
Aljesri K., Türkyılmaz G., Türkyılmaz S., UYDEŞ DOĞAN B. S., Norel X., TOPAL TANYILMAZ G., ÖZEN G.  
16th International Conference, Bioactive Lipids in Cancer, Inflammation and Related Diseases, Florida, United States Of America, 20 - 23 October 2019, pp.1
- VIII. **Investigation of PGE2-MMP cross-talk in human vascular preparations, their attached PVAT and plasma in obese and non-obese patients**  
ÖZEN G., Boumiza S., DESCHILDRE C., TOPAL TANYILMAZ G., LONGROIS D., JAKOBSSON P., Michel J. B., JACOB M., Chahed K., NOREL X.  
7th European Workshop Lipid Mediators, Brüksel, Belgium, 12 - 14 September 2018, pp.35
- IX. **Detrimental effects of PVAT derived PGE2 and H2S in human coronary arteries with atherosclerosis**  
ÖZEN G., DESCHILDRE C., KOTELEVETS L., CHASTRE E., LONGROIS D., TOPAL TANYILMAZ G., Fabre J. E., Michel J. B., NOREL X.  
WCP2018, Kyoto, Japan, 1 - 06 July 2018, pp.284
- X. **İstanbul Üniversitesi Eczacılık Fakültesi Farmakoloji Anabilim Dalı'nın Hasta Odaklı Lisans Eğitim Programı.**  
ALP YILDIRIM F. İ., OKYAR A., TOPAL TANYILMAZ G., KALELİ DURMAN D., PALA KARA Z., ÇARÇAK YILMAZ N., ÖZTÜRK N., ÖZEN G., CİVELEK E., KARATAŞ KOÇBERBER E., et al.  
II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Eskişehir, Turkey, 10 - 11 May 2018, pp.24
- XI. **İstanbul Üniversitesi Eczacılık Fakültesi Farmakoloji Anabilim Dalı'nın yürüttüğü hasta odaklı eğitimin öğrenci geri bildirimleri ile değerlendirilmesi.**  
TOPAL TANYILMAZ G., ÖZTÜRK N., ÖZEN G., CİVELEK E., KARATAŞ KOÇBERBER E., ÇARÇAK YILMAZ N., KALELİ DURMAN D., PALA KARA Z., ALP YILDIRIM F. İ., OKYAR A., et al.  
II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Eskişehir, Turkey, 10 - 11 May 2018, pp.23
- XII. **Role of PGE2 on MMP density in human vessels and their perivascular adipose tissue under inflammatory conditions**  
NOREL X., DESCHILDRE C., TOPAL TANYILMAZ G., JAKOBSSON P., LONGROIS D., Fabre J. E., ÖZEN G.  
Pharmacology 2017, Londra, United Kingdom, 11 - 13 December 2017, pp.45
- XIII. **Omega 3 Doymamış Yağ Asitlerinin İnsan Safen Veni Vasküler Tonus Üzerine Olan Etkisinin İncelenmesi**  
Daci A., ÖZEN G., Uyar İ., CİVELEK E., ALP YILDIRIM F. İ., KALELİ DURMAN D., TESKİN Ö., NOREL X., UYDEŞ DOĞAN B. S., TOPAL TANYILMAZ G.

24. Ulusal Farmakoloji Kongresi, Trabzon, Turkey, 17 - 21 October 2017, pp.34

**XIV. Control of human coronary vascular tone by H2S derived from PVAT after PGE2 stimulation.**

ÖZEN G., GOMEZ I., KOTELEVETS L., CHASTRE E., DESCHILDRE C., LONGROIS D., TOPAL TANYILMAZ G., Michel J. B., NOREL X.

Lipidomics and Bioactive Lipids in Metabolism and Disease, Tahoe City, United States Of America, 1 - 03 March 2017, pp.115

**XV. Eczacılık Öğrencilerinin Klinik Açından Önemli İlaç Etkileşimlerini Tespit Edebilme Yeterlilikleri**

TOPAL TANYILMAZ G., VİDİN A., KAYA T., UYDEŞ DOĞAN B. S.

3. Ulusal Klinik Eczacılık Farmasötik Bakım Kongresi, Antalya, Turkey, 9 - 12 February 2017, pp.54

**XVI. Role of PGE2 and H2S released by PVAT in the vascular tone of healthy or atherosclerotic human coronary vessels**

ÖZEN G., GOMEZ I., KOTELEVETS L., CHASTRE E., DESCHILDRE C., LONGROIS D., UYDEŞ DOĞAN B. S., TOPAL TANYILMAZ G., Michel J. B., NOREL X.

6th European Workshop Lipid Mediators, Frankfurt, Germany, 26 - 30 September 2016, pp.50

**XVII. Endemik Crataegus peshmenii Dönmez Türü üzerine Farmakognozik Araştırmalar**

ANIL S., EROĞLU ÖZKAN E., TOPAL TANYILMAZ G., Dönmez A. A., MELİKOĞLU G.

22. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 05 September 2016, pp.65

**XVIII. Control of human vascular tone by prostanoid pathway**

TOPAL TANYILMAZ G.

7th European Congress of Pharmacology, İstanbul, Turkey, 26 - 30 June 2016, pp.128

**XIX. Modulation of vascular tone by omega-3 polyunsaturated fatty acid in human saphenous vein**

Dacı A., Uyar İ., Ozen G., TESKİN Ö., UYDEŞ DOĞAN B. S., TOPAL TANYILMAZ G.

7th European Congress of Pharmacology, İstanbul, Turkey, 26 - 30 June 2016, pp.315

**XX. The effect of PVAT on vascular tone regulation of human coronary vessels: Role of H2S and PGE2**

ÖZEN G., GOMEZ I., KOTELEVETS L., CHASTRE E., DESCHILDRE C., BOUBAYA L., LONGROIS D., UYDEŞ DOĞAN B. S., TOPAL TANYILMAZ G., Michel J. B., et al.

7th European Congress of Pharmacology, İstanbul, Turkey, 26 - 30 June 2016, pp.131

**XXI. Modulation of vascular tone by omega-3 polyunsaturated fatty acids in human saphenous vein.**

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## Supported Projects

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ÖZEN YORGANCIGİL G., UYDEŞ DOĞAN B. S., TOPAL TANYILMAZ G., Project Supported by Higher Education Institutions, Koroner arter bypass greft materyallerinden salınan mediyatörlerin ELISA yöntemi ile ölçülmesi, 2019 - Continues  
Topal Tanyılmaz G., TÜBİTAK - AB COST Project, Network for implementing multiomics approaches in atherosclerotic cardiovascular disease prevention and research (AtheroNET), 2022 - 2026

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ÖZEN YORGANCIGİL G., TOPAL TANYILMAZ G., TÜRKİYILMAZ S., ALJESRİ K., TÜRKİYILMAZ G., UYDEŞ DOĞAN B. S., Project Supported by Higher Education Institutions, Koroner arter bypass greft materyallerinde vasküler tonusun kontrolünde tromboksan reseptörünün etkisinin incelenmesi, 2018 - 2020

Topal Tanyılmaz G., Other International Funding Programs, Anti-Inflammatory Signaling of Omega-3 Polyunsaturated Fatty Acids Through Free Fatty Acid Receptor 4 (FFAR4) in Cardiovascular Health and Disease, 2017 - 2020

TOPAL TANYILMAZ G., DACI A., Project Supported by Higher Education Institutions, İnflamasyonda İnsan Kaynaklı Damarların Vasküler Tonusunun Düzenlenmesine Omega3 Doymamış Yağ Asitlerinin Etkisinin İncelenmesi, 2017 - 2019

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TOPAL TANYILMAZ G., Project Supported by Higher Education Institutions, İnsan koroner bypass greft materyallerinin perivasküler adipoz dokularından salıverilen vazodilatör etkili faktörlerin ELISA yöntemiyle belirlenmesi, 2012 - 2013

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## Activities in Scientific Journals

Austin Journal Of Pharmacology and Therapeutics, Editor, 2014 - Continues

İstanbul Üniversitesi Eczacılık Fakültesi Dergisi, Advisory Committee Member, 2013 - Continues

Prostaglandins & Other Lipid Mediators, Special Issue Editor, 2015 - 2016

## Memberships / Tasks in Scientific Organizations

European Council For Cardiovascular Research, Member of Advisory Board, 2022 - Continues, England

AVRUPA LİPİD MEDİYATÖRLER DERNEĞİ, Member, 2014 - Continues

TÜRK FARMAKOLOJİ DERNEĞİ, Member, 2006 - Continues  
Türk Farmakoloji Derneği, Board Member, 2019 - 2024, Turkey

## Scientific Refereeing

MYOPAIN: A Journal of Myofascial Pain and Fibromyalgia., SCI Journal, August 2016  
Phytotherapy Research, SCI Journal, June 2015  
BJOG, SCI Journal, April 2014  
PHYTOTHERAPY RESEARCH, SCI Journal, September 2012  
AFRICAN HEALTH SCIENCES, SCI Journal, June 2012

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Publication: 99  
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H-Index (Scopus): 13

## Scholarships

Tübitak 2219 Yurt Dışı Doktora Sonrası Araştırma Bursu, TÜBİTAK, 2017 - Continues  
Doktora bursu, Official Institutions of Foreign Countries, 2004 - Continues  
Doktora bursu, Official Institutions of Foreign Countries, 2002 - Continues

## Non Academic Experience

Other Public Institution, Mehmet Akif Ersoy Göğüs Kalp Ve Damar Cerrahisi Eğitim Ve Araştırma Hastanesi Etik Kurulu  
Other Public Institution, T.C. Sağlık Bakanlığı İlaç Ve Tıbbi Cihaz Kurumu By/Be Tesbit Ve Değerlendirme Komisyonu-3  
Broussais Hastanesi, CNRS UMR 7131 Araştırma Laboratuvarı, Paris 5 Üniversitesi