

## Personal Information

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## Education Information

Doctorate, İstanbul Üniversitesi, Faculty of Pharmacy , Farmakoloji, Turkey 2012 - 2016

Post Graduate, İstanbul Üniversitesi, Faculty of Pharmacy , Farmakoloji, Turkey 2010 - 2012

## Dissertations

Doctorate, Vasküler Homeostaz Üzerine Perivasküler Adipoz Dokunun Fizyolojik ve Patofizyolojik Rolünün İncelenmesi , İstanbul University, Faculty of Pharmacy , Farmakoloji, 2016

Post Graduate, Koroner Bypass Greft Mataryellerinin Reaktiviteleri Üzerine Perivasküler Adipoz Dokularının Etkisinin İncelenmesi, İstanbul University, Faculty of Pharmacy , Farmakoloji Anabilim Dalı, 2012

## Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacology

## Academic Titles / Tasks

Assistant Professor, İstanbul University, Faculty of Pharmacy , Farmakoloji Anabilim Dalı, 2018 - Continues

Assistant Professor, İstanbul University, Faculty of Pharmacy , Farmakoloji Anabilim Dalı, 2017 - 2018

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

- **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 (Journal Indexed in SCI)
- **Interaction between PGI(2) and ET-1 pathways in vascular smooth muscle from Group-III pulmonary hypertension patients**  
Ozen G., Benyahia C., Amgoud Y., Patel J., Abdelazeem H., Bouhadoun A., Yung S., Li F., Mahieddine Y., Silverstein A. M. , et al.  
PROSTAGLANDINS & OTHER LIPID MEDIATORS, vol.146, 2020 (Journal Indexed in SCI)
- **Bronchodilation induced by PGE(2) is impaired in Group III pulmonary hypertension**  
Ozen G., Benyahia C., Mani S., Boukais K., Silverstein A. M. , Bayles R., Nelsen A. C. , Castier Y., Danel C., Mal H., et al.  
BRITISH JOURNAL OF PHARMACOLOGY, 2019 (Journal Indexed in SCI)
- **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, pp.1724-1734, 2019 (Journal Indexed in SCI)
- **Prostanoids in the pathophysiology of human coronary artery**  
Ozen G., NOREL X.  
PROSTAGLANDINS & OTHER LIPID MEDIATORS, vol.133, pp.20-28, 2017 (Journal Indexed in SCI)

- **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, pp.4087-4098, 2017 (Journal Indexed in SCI)
- **Omega-3 polyunsaturated fatty acids reduce vascular tone and inflammation in human saphenous vein**  
Daci A., Ozen G., Uyar I., Civelek E., Yildirim F. I. A. , Durman D. K. , Teskin O., Norel X., Uydes-Dogan B. S. , Topal G.  
PROSTAGLANDINS & OTHER LIPID MEDIATORS, vol.133, pp.29-34, 2017 (Journal Indexed in SCI)
- **Decreased vasorelaxation induced by iloprost during acute inflammation in human internal mammary artery**  
FOUDIN., Ozen G., AMGOUD Y., LOUEDEC L., CHOQUEUX C., BADIA., KOTELEVETS L., CHASTRE E., LONGROIS D., NOREL X.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.804, pp.31-37, 2017 (Journal Indexed in SCI)
- **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, 2016 (Journal Indexed in SCI Expanded)
- **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 (Journal Indexed in SCI)
- **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 (Journal Indexed in SCI)
- **Resveratrol improves high-fructose-induced vascular dysfunction in rats**  
Develi-İs S., Ozen G., Bekpınar S., Topal G., Unlucerci Y., Dogan B. S. U. , Uysal M.  
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.92, pp.1021-1027, 2014 (Journal Indexed in SCI)
- **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 (Journal Indexed in SCI)

## Articles Published in Other Journals

- **The role of perivascular adipose tissue on human saphenous vein vascular tone**  
Ozen G., Dogan B. S. , Teskin O., Norel X., Topal G.  
ISTANBUL JOURNAL OF PHARMACY, vol.46, pp.1-13, 2016 (Journal Indexed in ESCI)

## Refereed Congress / Symposium Publications in Proceedings

- **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
- **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

States Of America, 20 - 23 October 2019, pp.1

- **Measurement of Knowledge Levels of Hypertensive Patients**

KARATAŞ KOÇBERBER E., ÖZEN G., Bilgin O., UYDEŞ DOĞAN B. S.

47TH ESCP Symposium on Clinical Pharmacy, Belfast, United Kingdom, 24 - 26 October 2018

- **Perivascular adipose tissue of human coronary artery stimulates the release of a relaxant factor via activation of ep3/erk pathway 7th European Workshop on Lipid Mediators**

Purage H. M. , AMGOUD Y., SENBEL A. M. , Abd Helmoneim H., DESCHILDRE C., Fabre J. E. , Michel J. B. , NOREL X., ÖZEN G.

7th European Workshop Lipid Mediators, Brüksel, Belgium, 12 - 14 September 2018, pp.26

- **PGE2 induced relaxations overcome the PGE2 induced vasoconstrictions in human coronary artery**

Purage H. M. , Amgoud Y., Senbel A., Abd Helmoneim H., Deschildre C., Fabre J. E. , Michel J., ÖZEN G., Norel X.

7th European Workshop Lipid Mediators, Brüksel, Belgium, 12 - 14 September 2018, pp.26

- **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

- **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

- **EP4 agonists have reduced bronchodilatation activity in patients with Group III Pulmonary Hypertension**

NOREL X., BENYAHIA C., ÖZEN G., H M., SILVERSTEIN A., Bayles R., AC N., Castier Y., Clapp L., LONGROIS D.

WCP2018, Kyoto, Japan, 1 - 06 July 2018, pp.154

- **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

- **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

- **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

- **Omega-3 Doymamış Yağ Asitlerinin İnsan Safen Veni Vasküler Tonusü Üzerine Olan Etkisinin İncelenmesi**

Özen G.

24. Ulusal Farmakoloji Kongresi, Trabzon, Turkey, 17 - 21 October 2017, pp.116

- **Omega 3 Doymamış Yağ Asitlerinin İnsan Safen Veni Vasküler Tonus Üzerine Olan Etkisinin İncelenmesi**

Dacı A., ÖZEN G., Uyar İ., CİVELEK E., ALP YILDIRIM F. İ. , KALELİ DURMAN D., TESKİN O., NOREL X., UYDEŞ DOĞAN B. S. , TOPAL TANYILMAZ G.

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

- **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

- **Involvement of PGE2, regulating MMP-1 and MMP-2 in endothelial dysfunction among obese women**

Boumiza S., Chahed K., Dimassi S., JACOB M., ÖZEN G., Tabka T., Norel X.

6th European Workshop Lipid Mediators, Frankfurt, Germany, 26 - 30 September 2016, pp.70

- **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

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

Daci A., ÖZEN G., Uyar İ., TESKIN O., UYDEŞ DOĞAN B. S. , TOPAL TANYILMAZ G.

7th European Congress of Pharmacology, İstanbul, Turkey, 26 - 30 June 2016, pp.316

- **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

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

Ozen G.

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

- **mPGES-1 inhibitors reduce human vascular tone under inflammatory conditions, an alternative for COX-2 inhibitors in rheumatoid arthritis treatment.**

ÖZEN G., Daci A., GOMEZ I., BOUBAYA L., TESKIN O., UYDEŞ DOĞAN B. S. , LONGROIS D., TOPAL TANYILMAZ G., Norel X.

Pharmacology 2015, Londra, United Kingdom, 11 - 13 December 2015, pp.18

- **. Inhibition of mPGES1 in human vessel, argument for cardiovascular safe alternative to Coxib**

ÖZEN G., GOMEZ I., Daci A., BOUBAYA L., TESKIN O., UYDEŞ DOĞAN B. S. , LONGROIS D., TOPAL TANYILMAZ G., NOREL X.

Vascular Inflammation: Blood Vessel Under Attack, Paris, France, 13 November 2015, pp.10

- **İnsan safen veninde mikromozal PGES-1 inhibisyonun vasküler tonus üzerine olan etkisi**

Ozen G.

23. Ulusal Farmakoloji Kongresi, Ankara, Turkey, 7 - 10 September 2015, pp.311

- **İnsan safen veninde mPGES-1 inhibisyonunun vasküler tonus üzerine etkisi**

ÖZEN G., Daci A., GOMEZ I., BOUBAYA L., TESKIN O., UYDEŞ DOĞAN B. S. , LONGROIS D., TOPAL TANYILMAZ G., Norel X.

Türk Farmakoloji Derneği 23. Ulusal Farmakoloji Kongresi, Ankara, Turkey, 7 - 10 September 2015, pp.311

- **Pulmoner arterlerin in vitro gevşeme cevapları prekontraksiyon için kullanılan spazmojen ajanlara yüksek oranda bağımlıdır**

BENYAHIA C., ÖZEN G., ORIE N., LEDWOZYW A., LOUEDEC L., LIF., SENBEL A. M. , DANEL C., LONGROIS D., CLAPP L. H. , et al.

Türk Farmakoloji Derneği 23. Ulusal Farmakoloji Kongresi, Ankara, Turkey, 7 - 10 September 2015, pp.95

- **In contrast to COX-2 inhibitors, mPGES-1 inhibitors reduce human vascular tone under inflammatory conditions**

Özen G.

14. Uluslararası Kanserde, İnflamasyonda ve İlişkili Hastalıklarda Biyoaktif Lipidler Konferansı, Budapeşte, Hungary, 12 - 15 July 2015, pp.56

- **In vitro relaxations of pulmonary arteries induced by prostacyclin mimetics are highly dependent of the pre-contractile agents**

BENYAHIA C., ÖZEN G., ORIE N., Ledwozyw A., Loudec L., LIF., SENBEL A. M. , DANEL C., LONGROIS D., CLAPP L. H. , et al.

14th International Conference, Bioactive Lipids in Cancer, Inflammation and Related Disease, Budapeşte, Hungary, 12 - 15 July 2015, pp.288

- **Perivascular adipose tissues-dependent vasorelaxation is abolished in human atherosclerotic coronary vessels: Role of EP3 receptor.**

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

14th International Conference, Bioactive Lipids in Cancer, Inflammation and Related Disease, Budapeşte, Hungary,

12 - 15 July 2015, pp.288

- **Inhibition of mPGES1 in human vessel, argument for cardiovascular safe alternative to COXIB**  
ÖZEN G., BOUBAYA L., DESCHILDRE C., GOMEZ I., LONGROIS D., UYDEŞ DOĞAN B. S. , TOPAL TANYILMAZ G., Michel J. B. , NOREL X.  
5th European Workshop Lipid Mediators, İstanbul, Turkey, 23 - 24 October 2014, pp.113
- **Human vascular wall remodelling by MMP is inversely regulated by PGE2 and H2S in aorta aneurysm and saphenous vein varicosity.**  
GOMEZ I., ÖZEN G., BOUBAYA L., GORENNE I., BENYAHIA C., ROGER T., LESECHE G., GALARDON E., TOPAL TANYILMAZ G., LONGROIS D., et al.  
5th European Workshop Lipid Mediators, İstanbul, Turkey, 23 - 24 October 2014, pp.33
- **Regulation of vascular tone in human grafts by PGE2 derived adipose tissue**  
ÖZEN G., TOPAL TANYILMAZ G., GOMEZ I., BOUBAYA L., GHORRESHIA., BOUKAIS K., BENYAHIA C., KANYINDA L., LONGROIS D., TESKIN O., et al.  
When inflammation meets metabolic diseases, Paris, France, 23 May 2014, pp.16
- **PGE2 produced by human coronary vessels and their perivascular adipose tissues induces their vasoconstrictions via EP1/3 and TP receptor activation.**  
ÖZEN G., BOUBAYA L., DESCHILDRE C., GOMEZ I., LONGROIS D., UYDEŞ DOĞAN B. S. , TOPAL TANYILMAZ G., Michel J., NOREL X.  
When inflammation meets metabolic diseases, Paris, France, 23 May 2014, pp.22
- **İnternal mamariyal arter greft materyallerinin reaktiviteleri üzerine perivasküler adipoz dokularının etkisinin incelenmesi.**  
ÖZEN G., TOPAL TANYILMAZ G., GOMEZ I., GHORRESHIA., BOUKAIS K., BENYAHIA C., KANYINDA L., LONGROIS D., TESKIN O., UYDEŞ DOĞAN B. S. , et al.  
Türk Farmakoloji Derneği 22. Ulusal Farmakoloji Kongresi, Antalya, Turkey, 4 - 07 November 2013, pp.305
- **Effect of Perivascular Adipose Tissue on the Vasoreactivity of Human Saphenous Vein: A Role of Prostaglandin E2**  
ÖZEN G., GOMEZ I., GHORRESHIA., BENYAHIA C., BOUKAIS K., KANYINDA L., LONGROIS D., TESKIN O., UYDEŞ DOĞAN B. S. , TOPAL TANYILMAZ G., et al.  
4th European Workshop on Lipid Mediators, Paris, France, 27 - 28 September 2013, pp.133-113

## Scientific Refereeing

Experimental Lung Research, SCI Journal, September 2017

Vascular Medicine, SCI Journal, August 2017

Acta Pharmacologica Sinica, SCI Journal, May 2017

## Invited Congress and Symposium Activities

7th European Workshop Lipid Mediators, Attendee, Brussels, Belgium, 2018

18th World Congress of Basic and Clinical pharmacology (WCP2018), Attendee, Kyoto, Japan, 2018

II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Attendee, Eskişehir, Turkey, 2018

Pharmacology 2017, Attendee, London, United Kingdom, 2017

## Citations

Total Citations (WOS):103

h-index (WOS):6

## Scholarships

Bursary of 18th World Congress of Basic and Clinical pharmacology (WCP2018), Official Institutions of Foreign

Countries, 2018 - Continues

TÜBİTAK BİDEB 2214A Yurtdışı Araştırma Bursu,, TUBİTAK, 2014 - Continues

TÜBİTAK BİDEB 2211 Yurtiçi Doktora Bursu, TUBİTAK, 2012 - Continues

TÜBİTAK BİDEB 2210 Yurtiçi Yüksek Lisans Bursu, TUBİTAK, 2010 - Continues