

# Prof. AYMELEK GÖNENÇ

## Personal Information

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## Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr), Turkey 1994 - 1999

Post Graduate, Gazi University, Sağlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli), Turkey 1991 - 1994

Under Graduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr. (4 Yıllık), Turkey 1987 - 1991

## Research Areas

Health Sciences

## Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2013 - Continues

Associate Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2008 - 2012

Assistant Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2003 - 2007

Research Assistant, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1992 - 2002

## Advising Theses

GÖNENÇ A., Hipotiroidili / hipertiroidili hastalarda Plazma Growth Arrest Specific-6 (GAS6) ve AXI düzeylerinin değerlendirilmesi, Post Graduate, A.ERAYDIN(Student), 2019

GÖNENÇ A., Gliomda ADE ve ADE reseptör polimorfizmi ile bazı anjiyojenik markerlerin serum ve doku düzeylerinin değerlendirilmesi, Doctorate, T.TURAN(Student), 2019

GÖNENÇ A., Subklinik hipotiroidili ve subklinik hipertiroidili hastalarda adipokinlerin ve ateroskleroz ilişkili parametrelerin değerlendirilmesi, Post Graduate, S.TAMER(Student), 2019

GÖNENÇ A., Evaluation of the Serum and Follicular Fluid Levels of soluble Fas and soluble Fas Ligand and Oxidative Stress Biomarkers in In vitro fertilization (IVF) patients, Post Graduate, A.PEKEL(Student), 2013

GÖNENÇ A., Evaluation of the relationship between serum adiponectin levels in hyperlipidemia and oxidative stress, Post Graduate, H.BAYAMLIOĞLU(Student), 2012

GÖNENÇ A., Tip 2 Diabetes Mellitus'lu hastalarda rosiglitazon veya metformin tedavisinin leptin, total antioksidan kapasite, süperoksit dismutaz, paraoksonaz ve lipid peroksidasyonu üzerindeki etkisinin incelenmesi., Post Graduate, Ş.ESRA(Student), 2009

GÖNENÇ A., Tip 2 Diabetes Mellitus'lu Hastalarda Rosiglitazon veya Metformin Tedavisinin Leptin, Total Antioksidan Kapasite, Süperoksit Dismutaz, Paraoksonaz ve Lipid Peroksidasyonu Üzerindeki Etkisinin İncelenmesi, Ş.Esra(Student), 2009

GÖNENÇ A., Kardiyovasküler sistem hastalıklarında oksidatif stres ve lipid profillerinin incelenmesi, Post Graduate, S.İRMAK(Student), 2008

GÖNENÇ A., Miyokardiyal hasarın markerleri olarak troponin T, kreatin kinaz-MB, C-reaktif protein, NT-proBNP ve oksidatif stresin değerlendirilmesi, Post Graduate, S.KASAP(Student), 2006

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

- I. **Changes of sFas and sFasL, oxidative stress markers in serum and follicular fluid of patients undergoing IVF**  
Pekel A., GÖNENÇ A., Turhan N. O. , Kafali H.  
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.32, no.2, pp.233-241, 2015 (Journal Indexed in SCI)
- II. **DECREASED NIDOGEN-2 CONCENTRATIONS AND IMPAIRED OXIDANT/ANTIOXIDANT BALANCE IN SERUM OF PATIENTS WITH ENDOMETRIAL CANCER**  
Asci A. E. , Gonenc A., Atalay F., Torun M.  
OXIDATION COMMUNICATIONS, vol.37, no.4, pp.1025-1035, 2014 (Journal Indexed in SCI)
- III. **Oxidative stress in patients with essential hypertension: A comparison of dippers and non-dippers**  
GÖNENÇ A., HACIŞEVKİ A., TAVİL Y., CENGEL A., TORUN M.  
EUROPEAN JOURNAL OF INTERNAL MEDICINE, vol.24, no.2, pp.139-144, 2013 (Journal Indexed in SCI)
- IV. **Accumulation of an Endogenous Inhibitor of Nitric Oxide Synthesis and Oxidative DNA Damage in End-Stage Renal Disease**  
HACIŞEVKİ A., GÖNENÇ A., SEZER S., KARAKAN S., SIMSEK B., TORUN M.  
CLINICAL LABORATORY, vol.59, pp.1353-1361, 2013 (Journal Indexed in SCI)
- V. **Increased oxidative DNA damage and impaired antioxidant defense system in patients with gastrointestinal cancer**  
GÖNENÇ A., HACIŞEVKİ A., ASLAN S., TORUN M., SIMSEK B.  
EUROPEAN JOURNAL OF INTERNAL MEDICINE, vol.23, no.4, pp.350-354, 2012 (Journal Indexed in SCI)
- VI. **Free radical reaction products and antioxidant capacity in beating heart coronary artery surgery compared to conventional bypass**  
Gonenc A., Hacisevki A., Griffiths H. R. , Torun M., Bakkaloglu B., Simsek B.  
BIOCHEMISTRY-MOSCOW, vol.76, no.6, pp.677-685, 2011 (Journal Indexed in SCI)
- VII. **ALTERATIONS IN FREE RADICAL PRODUCTS AND ANTIOXIDANT CAPACITY IN PATIENTS UNDERGOING CORONARY ARTERY SURGERY**  
GÖNENÇ A., HACIŞEVKİ A., GRIFFITHS H. R. , TORUN M., KARAGOZ H., SIMSEK B.  
IUBMB LIFE, vol.61, no.3, pp.328, 2009 (Journal Indexed in SCI)
- VIII. **OXIDATIVE STATUS AND SERUM HOMOCYSTEINE LEVELS WITH CORONARY ARTERY STENOSIS**  
GÖNENÇ A., IRMAK S., ÖZKAN Y., SAHINGERI M., KORKMAZ M. E.  
IUBMB LIFE, vol.61, no.3, pp.328, 2009 (Journal Indexed in SCI)
- IX. **Lipid peroxidation and total antioxidant status in patients with breast cancer**  
Sener D. E. , Gonenc A., Akinci M., Torun M.  
CELL BIOCHEMISTRY AND FUNCTION, vol.25, no.4, pp.377-382, 2007 (Journal Indexed in SCI)
- X. **Oxidative stress in relation to lipid profiles in different stages of breast cancer**  
Gonenc A., Tokgoz D., Aslan S., Torun M.  
INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, vol.42, no.3, pp.190-194, 2005 (Journal Indexed in SCI)
- XI. **Plasma malondialdehyde (MDA) levels in breast and lung cancer patients**  
Gonenc A., Ozkan Y., Torun M., Simsek B.  
JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.26, no.2, pp.141-144, 2001 (Journal Indexed in SCI)
- XII. **SERUM BETA-CAROTENE, VITAMIN-E, VITAMIN-C AND MALONDIALDEHYDE LEVELS IN SEVERAL TYPES OF CANCER**  
TORUN M., YARDIM S., GONENC A., SARGIN H., MENEVSE A., SIMSEK B.  
JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, vol.20, no.5, pp.259-263, 1995 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Meme Kanserinde MMP-2 ve MMP-9'un Rolü**  
Taşkan T., Gönenç A.

Literatür Eczacılık Bilimleri Dergisi, vol.9, no.2, pp.116-124, 2020 (Other Refereed National Journals)

- II. **Assessment of Vitronectin, Soluble Epithelial-Cadherin and TGF-beta 1 as a Serum Biomarker with Predictive Value for Endometrial and Ovarian Cancers**  
TURAN T., Torun M., Atalay F., GÖNENÇ A.  
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.14, no.2, pp.141-147, 2017 (Journal Indexed in ESCI)
- III. **Relationship of cigarette smoking with serum lipids and blood pressure in Turkish adults**  
GÖNENÇ A., cengiz k., TORUN F. M.  
Journal of Faculty of Pharmacy of Ankara University, vol.33, no.2, pp.101-108, 2004 (Other Refereed National Journals)
- IV. **An Evaluation of Serum Retinol and Carotene Levels and the Risk of Breast Cancer**  
HACIŞEVKİ A., ÖZKAN Y., GÖNENÇ A., Şimşek B., TORUN F. M.  
Journal of Faculty of Pharmacy of Gazi University, vol.20, no.2, pp.87-94, 2003 (Other Refereed National Journals)
- V. **Iron metabolism in patients with impaired thyroid function**  
Onat A., GÖNENÇ A., GÜRÇAN İ. S. , TORUN F. M.  
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.32, no.4, pp.221-230, 2003 (Other Refereed National Journals)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Association of VEGF 936 C/T Polymorphism with VEGF Expression and Glioma Risk In Turkish Population**  
TURAN T., ÖZAYDIN B., EMMEZ Ö. H. , KAYMAZ A. M. , IŞIK GÖNÜL İ., GÖNENÇ A.  
International Eurasian Conference on Biotechnology and Biochemistry, 16 - 18 December 2020, pp.171
- II. **Serum TRAIL ve DR5 düzeylerinin meme kanseri hastalarında değerlendirilmesi**  
Demirdöğen K. K. , TAŞKAN T., Noori F., KURUKAHVECİOĞLU O., GÖNENÇ A.  
31. Ulusal Biyokimya Kongresi (UBK 2020) ( Sanal Kongre), Ankara, Turkey, 18 - 20 December 2020
- III. **Meme Kanserinde Bir Nörotrofik Faktör: Neurturin**  
TAŞKAN T., Noori F., Karaman N., KURUKAHVECİOĞLU O., GÖNENÇ A.  
31. Ulusal Biyokimya Kongresi (UBK 2020) (Sanal Kongre), Ankara, Turkey, 18 - 20 December 2020
- IV. **Serum Fetuin-A, IL1 Beta Levels and Paraoxonase/Arylesterase Activities in Unexplained Infertility.**  
TURAN T., TAŞKAN T., pekel a., İLTEMİR DUVAN Z. C. , GÖNENÇ A.  
13. Congress of the European Society of Gynecology (ESG 2019), VİYANA, Austria, 16 - 19 October 2019
- V. **Hipertiroidili ve Hipotiroidili Hastalarda Plazma Gas6 ve Axl Düzeyleri**  
eraydın a., ERSOY R., GÖNENÇ A.  
1st INTERNATIONAL HIPPOCRATES CONGRESS ON MEDICAL AND HEALTH SCIENCES, Ankara, Turkey, 1 - 03 March 2019
- VI. **Evaluation of TOS, OSI and CRP Levels in Subclinical Hyperthyroidism and Subclinical Hypothyroidism Patients**  
TAŞKAN T., TURAN T., OĞUZ S., KARAKOÇ M. A. , ARSLAN İ. E. , GÖNENÇ A.  
International Hippocrates Congress on Medical and Health Sciences, Ankara, Turkey, 1 - 03 March 2019, pp.15-16
- VII. **The Evaluation of VEGF -2578C/A Polymorphisms in Glioma**  
TURAN T., ÖZAYDIN B., EMMEZ Ö. H. , IŞIK GÖNÜL İ., KİBAR U., GÖNENÇ A.  
International Hippocrates Congress on Medical and Health Sciences, Ankara, Turkey, 1 - 03 March 2019, pp.18
- VIII. **Subklinik Hipotiroidili ve Subklinik Hipertiroidili Hastalarda Serum Chemerin ve Vaspın Düzeyleri**  
OĞUZ S., TAŞKAN T., TURAN T., KARAKOÇ M. A. , ARSLAN İ. E. , GÖNENÇ A.  
8. Türkiye Tiroid Hastalıkları Kongresi, Ankara, Turkey, 14 - 15 December 2018, vol.105
- IX. **Predictive Value of Serum Inhibin B Concentration in Women with Unexplained Infertility**  
TURAN T., Pekel A., İLTEMİR DUVAN Z. C. , GÖNENÇ A.  
12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 - 29 June 2018, pp.350-351
- X. **Serum Carbonic Anhydrase 1 and TOS Levels in Patients with Unexplained Infertility**  
TAŞKAN T., TURAN T., PEKEL A., İLTEMİR DUVAN Z. C. , GÖNENÇ A.

12th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 - 29 June 2018, pp.351

- XI. **Evaluation of Vascular Endothelial Growth Factor Levels and Serum Angiotensin-Converting Enzyme Activity in Hyperlipidemia and Coronary Artery Disease**  
TURAN T., Biyikoglu F., Duru E., GÖNENÇ A.  
Annual Meeting of the American-Society-for-Pharmacology-and-Experimental-Therapeutics (ASPET) at Experimental Biology Meeting, Illinois, United States Of America, 22 - 26 April 2017, vol.31
- XII. **Investigation of the Angiotensin Converting Enzyme ACE Polymorphism**  
TURAN T., PEKEL A., İLTEMİR DUVAN Z. C. , GÖNENÇ A.  
THE 24th World Congress on Controversies in Obstetrics, Gynecology &, 10 - 13 November 2016
- XIII. **Investigation of The Angiotensin Converting Enzyme ACE Polymorphism In Unexplained Infertility**  
TURAN T., Pekel A., İLTEMİR DUVAN Z. C. , GÖNENÇ A.  
24th World Congress on Controversies in Obstetrics, Gynecology Infertility (COGI), 10 - 13 November 2016
- XIV. **Vascular Endothelial Growth Factor VEGF Gene Polymorphism in Coronary Artery Disease**  
GÖNENÇ A., SOYAĞIR A., AYBEK T., SİNİCİ İ., ERGÜL A., TORUN F. M.  
4th Joint EFLM-UEMS Congress, 21 - 24 September 2016
- XV. **E Cadherin and TGF Levels in Patients with Endometrial and Ovarian Cancers**  
TURAN T., GÖNENÇ A., atalay f., TORUN F. M.  
International Gazi Pharma Symposium Series, 12 - 15 November 2015
- XVI. **The investigation of the effect of some histone deacetylase inhibitors on angiogenesis in glioma**  
TURAN T., GÖNENÇ A.  
1st International Brain Research School, 24 August - 04 September 2015
- XVII. **Serum vitronectin levels and antioxidant status in pancreatic and colorectal cancer**  
TURAN T., GÖNENÇ A., aylin s., dilşa mızrak k.  
1st International Brain Research School, 24 August - 04 September 2015
- XVIII. **Decreased Nidogen 2 concentrations and impaired oxidant antioxidant balance in patients with endometrial cancer**  
ali erkan a., GÖNENÇ A., atalay f., i safe g., TORUN F. M.  
11th International Symposium on Pharmaceutical sciences, 9 - 12 June 2015
- XIX. **Serum TGF and E Cadherin Concentrations in Pancreatic and Colorectal Cancer Patients**  
TURAN T., aylin s., GÖNENÇ A., anıl oğul t., kaya d. m. , ERK N.  
11th International Symposium on Pharmaceutical sciences, Ankara, Turkey, 9 - 12 June 2015
- XX. **Changes in Serum Vitronectin Levels in Endometrial and Ovarian Cancers Compared to Healthy Controls**  
TURAN T., GÖNENÇ A., Atalay F., TORUN F. M.  
XXV. Ulusal Biyokimya Kongresi (UBK), İzmir, Turkey, 3 - 06 September 2013

## Supported Projects

GÖNENÇ A., Project Supported by Higher Education Institutions, Kanserli Hastalarda Antioksidan Düzeylerinin İncelenmesi, 2006 - Continues

GÖNENÇ A., Project Supported by Higher Education Institutions, kardiyopulmoner by-pass operasyonu geçiren hastalarda total antioksidan kapasite ve lipid peroksidasyonundaki değişikliklerin incelenmesi, 2004 - Continues

GÖNENÇ A., Project Supported by Higher Education Institutions, Tiroid Hastalıklarında Yeni Adipokinler, Oksidatif Stres ve İnflamasyon Belirteç Düzeylerinin İncelenmesi, 2017 - 2019

GÖNENÇ A., Project Supported by Higher Education Institutions, İnfertilite Hastalarında Angiotensin Converting Enzyme (ACE) Polimorfizminin İncelenmesi, 2015 - 2016

GÖNENÇ A., Project Supported by Higher Education Institutions, IVF hastalarında serum ve foliküler sıvıda soluble Fas, Fas Ligand ve Oksidatif Stres biomarkerlerinin değerlendirilmesi, 2011 - 2013

GÖNENÇ A., Project Supported by Higher Education Institutions, Hiperlipidemide Serum Adiponektin Düzeyleri ile Oksidatif Stres Arasındaki İlişkinin Değerlendirilmesi, 2010 - 2012

GÖNENÇ A., Project Supported by Higher Education Institutions, Diabetik Hastalarda Rosiglitazon Tedavisinin Serum Leptin, Total Antioksidan Kapasite, SOD, Paraoksonaz ve Lipid Peroksidasyonu Üzerindeki Etkisinin Değerlendirilmesi, 2008 - 2011

## Citations

Total Citations (WOS):304

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