

## Prof. HÜLYA GÖZÜ

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### Education Information

Post Doctorate of Medicine, Marmara University, School of Medicine, Turkey 2000 - 2003

Expertise In Medicine, Diğer (Kurumlar,hastaneler Vb.), Hastaneler, İstanbul Şişli Etfal Eğitim Ve Araştırma Hastanesi, Turkey 1993 - 1997

### Research Areas

Health Sciences

### Academic Titles / Tasks

Professor, Marmara University, School of Medicine, Internal Medical Sciences, 2017 - Continues

### Advising Theses

GÖZÜ H., Türk toplumunda papiller tiroid kansinomlarında BRAF V600E mutasyon sıklığının incelenmesi, Postgraduate, B.AYDIN(Student), 2017

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

- I. **The association of free testosterone levels with coronavirus disease 2019**  
APAYDIN T., Dashdamirova S., DİNÇER YAZAN C., ELBASAN O., ILGIN C., Bilgin H., ÇAM H. K., Bahramzada G., Kucuk A., HAKLAR G., et al.  
ANDROLOGY, vol.10, no.6, pp.1038-1046, 2022 (SCI-Expanded)
- II. **Accurate interpretation of thyroid dysfunction during pregnancy: should we continue to use published guidelines instead of population-based gestation-specific reference intervals for the thyroid-stimulating hormone (TSH)?**  
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BMC PREGNANCY AND CHILDBIRTH, vol.22, no.1, 2022 (SCI-Expanded)
- III. **Management of endocrine surgical disorders during COVID-19 pandemic: expert opinion for non-surgical options**  
Agcaoglu O., Sezer A., MAKAY Ö., Erdogan M. F., BAYRAM F., GÜLDİKEN S., Raffaelli M., Sonmez Y. A., Lee Y.,

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UPDATES IN SURGERY, vol.74, no.1, pp.325-335, 2022 (SCI-Expanded)

- IV. **Role of testosterone to estradiol ratio in predicting the efficacy of recombinant human chorionic gonadotropin and testosterone treatment in male hypogonadism**  
Celik M., Ozcelik S., Bas S., Sariaydin M., Ozcelik M., GÖZÜ H.  
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- V. **The Relationship between Third-generation TSH Receptor Antibody Positivity and Cumulative Methimazole Dose Used until Remission in Graves' Disease**  
Ozcelik S., Celik M., Vural A., Aydin B., GÖZÜ H.  
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- VI. **Outcomes of transition from premixed and intensive insulin therapies to insulin aspart/degludec co-formulation in type 2 diabetes mellitus: a real-world experience**  
Ozcelik S., Celik M., Vural A., Aydin B., Ozcelik M., GÖZÜ H.  
ARCHIVES OF MEDICAL SCIENCE, vol.17, no.1, pp.1-8, 2021 (SCI-Expanded)
- VII. **Sensitive Sequencing Analysis Suggests Thyrotropin Receptor and Guanine Nucleotide-Binding Protein G Subunit Alpha as Sole Driver Mutations in Hot Thyroid Nodules**  
Stephenson A., Eszlinger M., Stewardson P., Mcintyre J. B., Boesenberg E., Bircan R., Sancak S., Gözü H., Ghaznavi S., Krohn K., et al.  
THYROID, vol.30, pp.1482-1489, 2020 (SCI-Expanded)
- VIII. **The Mitochondrial DNA Control Region Might Have Useful Diagnostic and Prognostic Biomarkers for Thyroid Tumors**  
Bircan R., Gozu H., Ulu E., Sarikaya S., Gul A. E., Sirin D. Y., Ozcelik S., Aral C.  
EXPERIMENTAL AND CLINICAL ENDOCRINOLOGY & DIABETES, vol.127, no.7, pp.423-436, 2019 (SCI-Expanded)
- IX. **BRAF V600E mutation in papillary thyroid cancer is correlated with adverse clinicopathological features but not with iodine exposure**  
Ozcelik S., Bircan R., Sarikaya S., Gul A. E., Aydin B., Ozcelik M., Celik M., Dayan A., Tutuncu Y., Cengiz H., et al.  
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- X. **Does the mitochondrial genome much more stable in the aggressive papillary thyroid cancers ('PTCs)? - The preliminary findings**  
Aral C., Gozu H., Sarikaya S., Gul A. E., Ozcelik S., Bircan R.  
FEBS OPEN BIO, vol.8, pp.330-331, 2018 (SCI-Expanded)
- XI. **Recurrent EZH1 mutations are a second hit in autonomous thyroid adenomas**  
Calebiro D., Grassi E. S., Eszlinger M., Ronchi C. L., Godbole A., Bathon K., Guizzardi F., De Filippis T., Krohn K., Jaeschke H., et al.  
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- XII. **Is the TSHR D727E polymorphism a genetic predisposition for multinodular goiter in the Turkish population?**  
GÖZÜ H., Ozcelik S., Aloglu M., Sahin A., Temiz S., Dayan A., Cengiz H., Tutuncu Y., Bircan R.  
GENETICS AND MOLECULAR RESEARCH, vol.15, no.3, 2016 (SCI-Expanded)
- XIII. **Effects of levothyroxine treatment on insulin sensitivity, endothelial function and risk factors of atherosclerosis in hypothyroid women**  
Deyneli O., Akpınar I. N., Mericiler O. S., GÖZÜ H., Yildiz M. E., Akalin N. S.  
ANNALES D ENDOCRINOLOGIE, vol.75, no.4, pp.220-226, 2014 (SCI-Expanded)
- XIV. **The Role of Insulin-Like Growth Factor 1 in the Development of Benign and Malignant Thyroid Nodules**  
Basturk E., Kement M., Yavuzer D., Vural S., Gezen C., Gozu H., Karadayi A., Oncel M.  
BALKAN MEDICAL JOURNAL, vol.29, no.2, pp.133-138, 2012 (SCI-Expanded)
- XV. **Tissue and Serum Adiponectin Levels in Patients with Gastric Cancer: Are there any Correlations between Adiponectin Levels and Histopathological Variables?**  
Seker M., Bilici A., Guler D. O., Ustaalioglu B. B., Gozu H., Erkal F. Y., Sonmez B., Karaduman M., Kefeli U., Yildirim E., et

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- XVI. **High Prevalence of TSHR/Gs alpha Mutation-negative Clonal Hot Thyroid Nodules (HNs) in a Turkish Cohort**  
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- XVII. **Shared Sporadic and Somatic Thyrotropin Receptor Mutations Display More Active In Vitro Activities than Familial Thyrotropin Receptor Mutations**  
Lueblinghoff J., Eszlinger M., Jaeschke H., Mueller S., BİRCAN R., Gozu H., Sancak S., Akalin S., Paschke R.  
THYROID, vol.21, no.3, pp.221-229, 2011 (SCI-Expanded)
- XVIII. **The association of serum adiponectin levels with histopathological variables in gastric cancer patients**  
Seker M., Bilici A., Sonmez B., Ustaalioglu B. B. O., Gumus M., Gozu H., Sargin M., Orcun A., Gezen C., Eser M., et al.  
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- XIX. **A mutation in thyroid hormone receptor beta causing "resistance to thyroid hormone" in a neonate**  
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- XX. **Genetics and phenomics of inherited and sporadic non-autoimmune hyperthyroidism**  
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- XXI. **Short-Term Oral Magnesium Supplementation Suppresses Bone Turnover in Postmenopausal Osteoporotic Women**  
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- XXII. **Myasthenia Gravis and Autoimmune Addison Disease in a Patient With Thymoma**  
Seker M., Gozu H., Ustaalioglu B. B. O., Sonmez B., Erkal F. Y., Kocak M., Barisik N. O., Orbay E., Sargin M., Sargin H., et al.  
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- XXIII. **Cases of Borderline In Vitro Constitutive Thyrotropin Receptor Activity: How to Decide Whether a Thyrotropin Receptor Mutation Is Constitutively Active or Not?**  
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- XXIV. **A new silent germline mutation of the TSH receptor: Coexpression in a hyperthyroid family member with a second activating somatic mutation**  
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- XXV. **Assessment of health-related quality of life (HRQoL) of patients with type 2 diabetes in Turkey**  
Akinci F., Yildirim A., Goezue H., Sargin H., Orbay E., Sargin M.  
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- XXVI. **Translation, cultural adaptation, cross-validation of the Turkish diabetes quality-of-life (DQOL) measure**  
Yildirim A., Akinci F., Gozu H., Sargin H., Orbay E., Sargin M.  
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- XXVII. **Genotype/phenotype relation for toxic thyroid nodules with or without TSH receptor mutations**  
Gozu H., Mueller S., Bircan R., Krohn K., Sargin M., Sargin H., Gezen C., Erginer T., Karadayi N., Paschke R.  
EXPERIMENTAL AND CLINICAL ENDOCRINOLOGY & DIABETES, vol.115, 2007 (SCI-Expanded)
- XXVIII. **Influence of the D727E variant on the signalling of constitutive TSHR mutants**  
Mueller S., Bircan R., Gozu H., Krohn K., Paschke R.  
EXPERIMENTAL AND CLINICAL ENDOCRINOLOGY & DIABETES, vol.115, 2007 (SCI-Expanded)
- XXIX. **The second follicular thyroid carcinoma presenting as a hot thyroid nodule with a somatic 1486F TSH-Receptor (TSHR) gene mutation**

- Bircan R, Gozu H, Boesenberg E, Gezen C, Yavuzer D, Sargin M, Sargin H, Paschke R.  
HORMONE RESEARCH, vol.68, pp.25, 2007 (SCI-Expanded)
- XXX. **A case of thyroid hormone resistance syndrome in a newborn**  
Gozu H, Bircan R, Comert S, Akin Y, Turan S, Seker M, Volkan O, Sargin H, Orbay E, Salepci T, et al.  
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- XXXI. **Similar prevalence of somatic TSH receptor and Gs alpha mutations in toxic thyroid nodules in geographical regions with different iodine supply in Turkey**  
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- XXXII. **A case of McCune-Albright syndrome associated with Gs alpha mutation in the bone tissue**  
Sargin H, Gozu H, Bircan R, Sargin M, Avsar M, Ekin G, Yayla A, Guilec I, Bozbuga M, Cirakoglu B, et al.  
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- XXXIII. **Is adiponectin level a predictor of nonalcoholic fatty liver disease in nondiabetic male patients?**  
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- XXXIV. **Mutations in the thyrotropin receptor signal transduction pathway in the hyperfunctioning thyroid nodules from multinodular goiters: A study in the Turkish population**  
Gozu H, Avsar M, Bircan R, Sahin S, Deyneli O, Cirakoglu B, Akalin S.  
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- XXXV. **The effect of defective early phase insulin secretion on postload glucose intolerance in impaired fasting glucose**  
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- XXXVII. **The prevalence of silent ischemia in Turkish patients with type 2 diabetes mellitus**  
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TOHOKU JOURNAL OF EXPERIMENTAL MEDICINE, vol.205, no.4, pp.351-355, 2005 (SCI-Expanded)
- XXXVIII. **Translation, cultural adaptation, initial reliability, and validation of Turkish 15D's version - A general health-related quality of life (HRQoL) instrument**  
AKINCI F, Yildirim A, Ogutman B, ATEŞ M, GÖZÜ H, DEYNELİ O, AYDAR H. S., İŞÇİ E., Balcioglu L., Sayhan O.  
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- XXXIX. **Addition of rosiglitazone to glimepirid and metformin combination therapy in type 2 diabetes**  
Orbay E, Sargin M, Sargin H, Gozu H, Bayramicli O.  
ENDOCRINE JOURNAL, vol.51, no.6, pp.521-527, 2004 (SCI-Expanded)
- XL. **Does a Leu 512 Arg thyrotropin receptor mutation cause an autonomously functioning papillary carcinoma?**  
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- XLI. **Endothelial function, insulin sensitivity and inflammatory markers in hyperprolactinemic premenopausal women**  
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EUROPEAN JOURNAL OF ENDOCRINOLOGY, vol.149, pp.187-193, 2003 (SCI-Expanded)
- XLII. **Effect of oral magnesium supplementation on biochemical markers of bone turnover in postmenopausal osteoporotic women**  
Aydin H, Yavuz D, Deyneli O, Gozu H, Mutlu N, Kaygusuz I, Akalin S.  
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- XLIII. **Cleavage effect of oligoribonucleotides substituted at the cleavage sites with modified pyrimidine- and purine-nucleosides**

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BIOCHIMICA ET BIOPHYSICA ACTA-GENE STRUCTURE AND EXPRESSION, vol.1354, no.3, pp.211-218, 1997 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Immunoassay Interference in Thyroid Assays: Heterophilic Antibodies**  
Turkal R, GÖZÜ H, ŞİRİKÇİ Ö, HAKLAR G.  
AACC 2019, 4 - 08 August 2019
- II. **Establishment of Gestational Stage-Specific Reference Ranges for TSH in Pregnant Turkish Woman: A Preliminary Report.**  
AYTAN S, ÇAKMAK B, GÖZAYDIN B, TAKIR C, TURAN C. A., ÜNLÜ O., BAHRAMZADA G., TEKİN A. F., Çevlik T., GÖZÜ H., et al.  
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- III. **Gravesin tedavisinde yeni bir umut tiroid bezinden elde edilen MKH'lerin Graves üzerinde immünomodülatör etkisi**  
GÖZÜ H, gökalp M, SANCAK S, alkan ö, kalkan f. r., AYDIN TEZCAN K, AKKOÇ T.  
41. Türkiye Endokrinoloji ve Metabolizma Hastalıkları Kongresi, Antalya, Turkey, 27 April - 01 May 2019
- IV. **Screening of the BRAF V600E mutation prevalence at papillary thyroid carcinomas (PTCs) in Turkish population**  
Bircan R, Ozcelik S, Sarikaya S, Aydin B, Dayan A, Karadayi N, GÖZÜ H.  
50th European-Society-of-Human-Genetics (ESHG) Conference, Copenhagen, Denmark, 27 - 30 May 2017, vol.26, pp.975-976
- V. **The mitochondrial DNA control region might have useful diagnostic and prognostic markers for thyroid tumors**  
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ECE 2018, 19 - 22 May 2018, vol.56
- VI. **The mitochondrial DNA control region might have useful diagnostic and prognostic biomarkers for thyroid tumors**  
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- VII. **Türk Toplumunda Papiller Tiroit Kanserlerinde (PTK) BRAFV600E Mutasyon Sıklığının İncelenmesi**  
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40. Türkiye Endokrinoloji ve Metabolizma Hastalıkları Kongresi, Turkey, 9 - 13 May 2018, pp.251-252
- VIII. **Mitokondriyal DNA Kontrol Bölgesi (CR) Tiroit Tümörlerinin Tanısında Kullanılabilecek Diagnostik ve Prognostik Biyomarkırlar İçerebilir**  
BİRCAN R, GÖZÜ H, ULU E, SARIKAYA Ş, EGE GÜL A, YAŞAR ŞİRİN D, ÖZÇELİK S, ARAL C.  
40. Türkiye Endokrinoloji ve Metabolizma Hastalıkları Kongresi, Turkey, 9 - 13 May 2018

## Metrics

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