

# Prof. ÖMER ALPER GÜRLEK

## Personal Information

**Email:** agurlek@hacettepe.edu.tr

**Web:** <https://avesis.hacettepe.edu.tr/agurlek>

## International Researcher IDs

ORCID: 0000-0003-3697-271X

Yoksis Researcher ID: 3909

## Education Information

Post Doctorate, Hacettepe University, Tıp, İç Hastalıkları Abd Endokrinoloji Bd, Turkey 1996 - Continues

Post Doctorate of Medicine, Hacettepe University, Tıp, Endokrinoloji, Turkey 1994 - 1996

Expertise In Medicine, Hacettepe University, Tıp, İç Hastalıkları, Turkey 1989 - 1994

Postgraduate, Hacettepe University, Tıp, Tıp, Turkey 1983 - 1989

## Foreign Languages

English, C1 Advanced

## Research Areas

Medicine, Health Sciences, Internal Medicine Sciences, Internal Diseases , Endocrinology and Metabolic Diseases

## Academic Titles / Tasks

Professor, Hacettepe University, Tıp Fakültesi (İngilizce), Dahili Tıp Bilimleri Bölümü, 2004 - Continues

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

- I. **Repeat endoscopic endonasal transsphenoidal surgery for residual or recurrent cushing's disease: safety, feasibility, and success**  
HANALIOĞLU Ş., GÜRSES M. E., Gecici N. N., Baylarov B., IŞIKAY A. İ., Gurlek A., BERKER M.  
PITUITARY, no.3, pp.259-268, 2024 (SCI-Expanded)
- II. **Association of Human Leukocyte Antigen Genotypes with Severe Acute Respiratory Syndrome Coronavirus 2 Vaccine-Induced Subacute Thyroiditis**  
ŞENDUR S. N., ÖZMEN F., Oguz S. H., GÖNÜL İREMLİ B., MALKAN Ü. Y., Gurlek A., Erbas T., ÜNLÜTÜRK U.  
THYROID, vol.32, no.6, pp.640-647, 2022 (SCI-Expanded)
- III. **SARS-CoV-2 Vaccine-induced Thyroiditis: Safety of Revaccinations and Clinical Follow-up**  
OĞUZ BAYKAL S. H., ŞENDUR S. N., GÖNÜL İREMLİ B., Gurlek A., Erbas T., ÜNLÜTÜRK U.  
JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM, vol.107, 2022 (SCI-Expanded)
- IV. **Oxysterol species generated by auto-oxidation in subclinical hypothyroidism**  
ÜNLÜTÜRK U., Savas M., Oguz S. H., Samadi A., FIRLATAN B., YÜCE D., LAY İ., Gurlek A.

CLINICAL BIOCHEMISTRY, vol.93, pp.73-79, 2021 (SCI-Expanded)

- V. **Apoptosis Inhibitor of Macrophage, Monocyte Chemotactic Protein-1, and C-Reactive Protein Levels Are Increased in Patients with Metabolic Syndrome: A Pilot Study**  
Savas E. M., Oguz S. H., Samadi A., YILMAZ İŞIKHAN S., ÜNLÜTÜRK U., LAY İ., Gurlek A.  
METABOLIC SYNDROME AND RELATED DISORDERS, vol.18, no.4, pp.197-205, 2020 (SCI-Expanded)
- VI. **Clock gene PERIOD3 polymorphism is associated with susceptibility to Graves' disease but not to Hashimoto's thyroiditis**  
Helvacı N., Oguz S. H., Kabacam S., Karabulut E., Akbiyik F., Alikasifoglu M., Gurlek A.  
CHRONOBIOLOGY INTERNATIONAL, vol.36, no.10, pp.1343-1350, 2019 (SCI-Expanded)
- VII. **Oxysterol species: reliable markers of oxidative stress in diabetes mellitus**  
Samadi A., Gurlek A., Sendur S. N., Karahan S., Akbiyik F., Lay İ.  
JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol.42, no.1, pp.7-17, 2019 (SCI-Expanded)
- VIII. **Evaluation of nuclear factor-kB with oxysterols and clinical/biochemical characteristics of type 1 and type 2 diabetes mellitus**  
Samadi A., Gurlek A., Sendur S. N., Isikhan S. Y., Lay I.  
FEBS OPEN BIO, vol.8, pp.278, 2018 (SCI-Expanded)
- IX. **Vitamin D replacement ameliorates serum lipoprotein functions, adipokine profile and subclinical atherosclerosis in pre-menopausal women**  
Greco D., Kocyigit D., Adorni M. P., Marchi C., Ronda N., Bernini F., Gurses K. M., Canpinar H., Guc D., OĞUZ BAYKAL S. H., et al.  
VASCULAR PHARMACOLOGY, vol.103, pp.69, 2018 (SCI-Expanded)
- X. **Thyrotropinoma and multinodular goiter: A diagnostic challenge for hyperthyroidism**  
Aksoy D. Y., Gedik A., Cinar N., Soylemezoglu F., BERKER M., GÜRLEK Ö. A.  
JOURNAL OF RESEARCH IN MEDICAL SCIENCES, vol.18, no.11, pp.1008-1010, 2013 (SCI-Expanded)
- XI. **Bilateral nephromegaly and acute renal failure in a patient with primary diffuse large B cell lymphoma of the kidneys**  
Serefhanoglu S., Bitik B., Aybal A., Baydar D. E., Gurlek A.  
JOURNAL OF BUON, vol.16, no.3, pp.568-569, 2011 (SCI-Expanded)
- XII. **Thrombin-activatable fibrinolysis inhibitor activity and global fibrinolytic capacity in type 1 diabetes - Evidence for normal fibrinolytic state**  
Harmanci A., Kandemir N., Dagdelen S., Gonc N., Buyukasik Y., Alikasifoglu A., Kirazli S., Ozon A., Gurlek A.  
JOURNAL OF DIABETES AND ITS COMPLICATIONS, vol.20, no.1, pp.40-44, 2006 (SCI-Expanded)
- XIII. **Resistance to thyroid hormone associated with autoimmune thyroid disease in a Turkish family**  
Aksoy D., Gurlek A., Ringkananont U., Weiss R., Refetoff S.  
JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol.28, no.4, pp.379-383, 2005 (SCI-Expanded)
- XIV. **Coincidence or causality: Celiac and Crohn diseases in a case of Turner syndrome**  
Durusu M., Gurlek A., Simsek H., Balaban Y., Tatar G.  
AMERICAN JOURNAL OF THE MEDICAL SCIENCES, vol.329, no.4, pp.214-216, 2005 (SCI-Expanded)
- XV. **Urinary 8-isoprostoglandin F-2 alpha: a new marker in hyperthyroidism?**  
Aksoy D., Dagdelen S., Gurlek A., Bayraktar M., Adalar N., Purnak T.  
PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS, vol.71, no.6, pp.411, 2004 (SCI-Expanded)
- XVI. **Symptomatic treatment of graves hyperthyroidism with lithium in states of thionamide adverse reactions - A retrospective analysis**  
Atmaca A., Dogan S., Dagdelen S., Gurlek A., Bayraktar M., Adalar N.  
ENDOCRINOLOGIST, vol.14, no.6, pp.317-320, 2004 (SCI-Expanded)
- XVII. **Isolated metastasis of malignant melanoma into follicular carcinoma of the thyroid gland**  
Terzi A., Altundag K., Saglam A., Gurlek A., Aksoy S., Baltali E., ÜNER A.  
JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol.27, no.10, pp.967-968, 2004 (SCI-Expanded)
- XVIII. **Change in the amputation profile in diabetic foot in a tertiary reference center: Efficacy of team working**  
Aksoy D., Gurlek A., Cetinkaya Y., Oznur A., Yazici M., Ozgur F., AYDINGÖZ Ü., Gedik O.

- EXPERIMENTAL AND CLINICAL ENDOCRINOLOGY & DIABETES, vol.112, no.9, pp.526-530, 2004 (SCI-Expanded)
- XIX. **A patient presenting with spinal cord compression who had two distinct follicular cell type thyroid carcinomas**  
Koca E, Sokmensuer C., Yildiz B., Engin H., Bozkurt M., Aras T., Barista I., Gurlek A.  
JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol.27, no.6, pp.562-564, 2004 (SCI-Expanded)
- XX. **Severe hyperglycemia associated with electroconvulsive therapy**  
Dağdelen S., Akın Atmaca A., Gürlek Ö. A., Tufan A., Güven E., Anıl Yağcıoğlu A. E.  
JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol.27, pp.615, 2004 (SCI-Expanded)
- XXI. **Horner's syndrome: Recovery after surgical excision of intrathoracic benign multinodular goiter**  
Gurlek A., Usman A., Bayraktar M., Ozenc A.  
ENDOCRINE JOURNAL, vol.47, no.5, pp.643-644, 2000 (SCI-Expanded)
- XXII. **Efficacy of ACE inhibitors and ATII receptor blockers in insipient diabetic nephropathy**  
Gedik O., Tutuncu N., Gurlek A.  
DIABETOLOGIA, vol.43, 2000 (SCI-Expanded)
- XXIII. **Increased plasma PAI-1 in relatives of type 2 diabetic patients**  
Gurlek A., Bayraktar M., Kirazlı S.  
DIABETES CARE, vol.23, no.7, pp.1036-1037, 2000 (SCI-Expanded)
- XXIV. **Inappropriate reference range for peak bone mineral density in dual-energy X-ray absorptiometry: Implications for the interpretation of T-scores**  
Gurlek A., Bayraktar M., Ariyurek M.  
OSTEOPOROSIS INTERNATIONAL, vol.11, no.9, pp.809-813, 2000 (SCI-Expanded)
- XXV. **Increased plasminogen activator inhibitor-1 activity in offspring of type 2 diabetic patients - Lack of association with plasma insulin levels**  
Gurlek A., Bayraktar M., Kirazlı S.  
DIABETES CARE, vol.23, no.1, pp.88-92, 2000 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Lymph Node ACTH Washout: New Assistant Method for Localizing the Source of Ectopic ACTH Secretion in a Case of Metastatic Medullary Thyroid Carcinoma**  
Idler A. O., ŞENDUR S. N., GÖNÜL İREMLİ B., CENNET Ö., DOĞRUL A. B., UYSAL S., PORTAKAL AKÇİN O., KİKİ Z., Oruc A., ÜNLÜTÜRK U., et al.  
ENDOCRINOLOGY RESEARCH AND PRACTICE, no.4, pp.229-232, 2024 (ESCI)
- II. **Emergence of Autoimmune Type 1 Diabetes and Acute Adrenal Crisis Following Coronavirus Disease 2019**  
Oğuz S. H., Gürlek A.  
Endocrinology Research and Practice, vol.28, no.1, pp.60-63, 2024 (Scopus)
- III. **Molecular Pathological Markers and TERT Promoter Mutations: Correlations with Clinicopathological Features and Distant Metastasis in Turkish Patients with Papillary Thyroid Carcinoma**  
YILMAZ E., Güler G., KURTULAN O., Karakaya J., TELLİ T., TUNCEL M., Gürlek A.  
Endocrinology Research and Practice, vol.27, no.4, pp.191-198, 2023 (Scopus)
- IV. **Clinical and demographic aspects of Paget disease of bone: A multicentric study from Turkey**  
YAVUZ D., Ayturk S., ÇETİNKALP Ş., BAYRAKTAR F., KULAKSIZOĞLU M., HEKİMSOY Z., Aydın H., Uygur M., Deniz F., Ipekci S., et al.  
EUROPEAN JOURNAL OF RHEUMATOLOGY, vol.8, no.3, pp.156-161, 2021 (ESCI)

## Books & Book Chapters

- I. **Hypoglycemia and Hyperglycemia in Critically Ill Cancer Patients**

## Refereed Congress / Symposium Publications in Proceedings

- I. **Evaluation of nuclear factor- $\kappa$ B with oxysterols and clinical/biochemical characteristics of Type 1 and Type 2 Diabetes Mellitus**  
Samadi A., GÜRLEK Ö. A., Şendur S. N., YILMAZ IŞIKHAN S., LAY İ.  
The 43 th FEBS Congress, PRAG, Czech Republic, 7 - 12 July 2018, vol.8, pp.278
- II. **Plasma oxysterols in Type 1 and Type 2 Diabetes Mellitus by a specific and sensitive LC-MS/MS method.**  
SAMADI A., GÜRLEK Ö. A., ŞENDUR S. N., KARAHAN S., AKBIYIK F., LAY İ.  
ENDO 2017, The Endocrine Society's 99th Annual Meeting and Expo., Orlando, United States Of America, 01 April 2018 - 04 April 2017, vol.38
- III. **Distinct pathological features of pituitary adenomas in patients with X-linked acrogigantism (XLAG)**  
Roncaroli F., Iacovazzo D., Rodd C., Gurlek A., Dutta P., Ellard S., Sampson J., Trouillas J., Lopes M. B., Korbonits M.  
118th Meeting of the British-Neuropathological-Society, London, Canada, 1 - 03 March 2017, vol.43, pp.20
- IV. **LIPOPROTEINS AND LIPID METABOLISM: HDL. VITAMIN D STATUS AND HDL FUNCTIONALITY IN HEALTHY PREMENOPAUSAL WOMEN**  
Zimetti F., Kocyigit D., Greco D., Adorni M. P., Ronda N., Gurses K. M., Oguz S. H., Gurlek A., Tokgozoglu L.  
Congress of the European-Atherosclerosis-Society (EAS), Innsbruck, Austria, 29 May - 01 June 2016, vol.252
- V. **EFFECTS OF VITAMIN D DEFICIENCY AND REPLACEMENT ON ARTERIAL STIFFNESS IN HEALTHY PREMENOPAUSAL WOMEN**  
Guurses K. M., Tokgozoglu L., Yalcin M. U., Kocyigit D., Evranos B., Yorgun H., Sahiner M. L., Kaya E. B., Gurlek A., Aytemir K., et al.  
83rd Congress of the European-Atherosclerosis-Society (EAS), Glasgow, United Kingdom, 22 - 25 March 2015, vol.241
- VI. **Relation of serum chemerin level with markers of atherosclerosis in diabetes and prediabetes**  
Aydın K., CANPOLAT U., Dural M., Çavuş Akın Ş., KARAKAYA KARABULUT J., Aydemir K., GÜRLEK Ö. A.  
15.th European Congress of Endocrinology, Prague, Czech Republic, 27 April - 01 May 2013
- VII. **Endoskopik transsfenoidal hipofiz cerrahisi: 56 Cushing vakasının sonuçları**  
BERKER M., IŞIKAY A. İ., GÜRLEK Ö. A., BAYRAKTAR M., SÖYLEMEZOĞLU A. F.  
TND 24. Bilimsel Kongresi, Turkey, 14 - 18 May 2010, vol.20, pp.76
- VIII. **Increased serum nesfatin 1 levels in patients with impaired glucose tolerance**  
Aydın K., CANPOLAT U., Dural M., Çavuş Akın Ş., KARAKAYA KARABULUT J., Aydemir K., GÜRLEK Ö. A.  
12.th European Congress of Endocrinology, Prague, Czech Republic, 24 - 28 April 2010
- IX. **Üç Yönlü ROC analizi ve bir uygulama**  
KARAKAYA KARABULUT J., KARAAĞAOĞLU A. E., KARABULUT E., HARMANCI A., YAZGAN AKSOY D., GÜRLEK Ö. A.  
10. Ulusal Biyoistatistik Kongresi, Turkey, 5 - 08 September 2007, pp.39-40
- X. **Test duyarlılık ve seçiciliğini etkileyen faktörler**  
KARAKAYA KARABULUT J., ÖZDEMİR P., YAZGAN AKSOY D., GÜRLEK Ö. A., KARAAĞAOĞLU A. E.  
7. Ulusal Biyoistatistik Kongresi, Turkey, 29 September - 02 October 2004, pp.34

## Episodes in the Encyclopedia

- I. **Hipoglisemi Çalıştay Raporu**  
arslan m., AZAL Ö., ARAZ M., bakıner o., EROĞLU ALTINOVA A., BAYRAM F., BAYRAKTAR F., BAŞÇIL TÜTÜNCÜ N., BİLEN H., çorakçı a., et al.  
AdrH Pozitif Reklam ve İletişim Merkezi, pp., 2019

## Supported Projects

GÜRLEK Ö. A., OĞUZ BAYKAL S. H., GÖNÜL İREMLİ B., ERDEVİR M., LAY İ., KARAKAYA KARABULUT J., EVRANOS B., Project Supported by Higher Education Institutions, Galectin3 ve Diğer Kardiyak Belirteçlerin Ejeksiyon Fraksiyonu Korunmuş Kalp Yetmezliğini belirlemedeki rollerinin Vitamin D durumu ile İlişkisi, 2021 - 2022

BAYRAKTAR M., ERBAŞ A. T., GÜRLEK Ö. A., DAĞDELEN S., YILDIZ O. B., Project Supported by Higher Education Institutions, 2. Erişkin Metabolik Hastalıklar Sempozyumu, 2017 - 2019

GÜRLEK Ö. A., Samadi A., LAY İ., OĞUZ S. H., SAVAŞ E. M., ÜNLÜTÜRK U., Project Supported by Higher Education Institutions, Metabolik Sendromlu Hastalarda Plazma Makrofaj Apoptozis İnhibitör (AIM) ve Plazma Monosit Kemotaktik Protein-1 (MKP-1) Düzeylerinin Değerlendirilmesi, 2017 - 2018

LAY İ., GÜRLEK Ö. A., KARAHAN S., Samadi A., AKBIYIK F., ŞENDUR S. N., Project Supported by Higher Education Institutions, Tip 1 ve Tip 2 Diabetes Mellitusta oksisterol türlerinin LCMSMS metodu ile incelenmesi, 2016 - 2017

GÜRLEK Ö. A., HELVACI N., OĞUZ S. H., AKBIYIK F., Project Supported by Higher Education Institutions, Otoimmün tiroid hastalıklarında period3 gen polimorfizmi ve GH/IGF-1/IGFBP3 sistemi ve hipotalamopituiter-adrenal aks üzerine etkileri, 2015 - 2017

## Metrics

Publication: 43

Citation (WoS): 194

Citation (Scopus): 140

H-Index (WoS): 8

H-Index (Scopus): 6

## Non Academic Experience

Hacettepe Üniversitesi Tıp Fakültesi