

# Prof. ÖMER ALPER GÜRLEK

## Personal Information

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## Education Information

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

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

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

Post Graduate, Hacettepe Üniversitesi, 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

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

- I. **Oxysterol species generated by auto-oxidation in subclinical hypothyroidism**  
ÜNLÜTÜRK U., Savas M., Oguz S. H. , Samadi A., FİRLATAN B., YÜCE D., LAY İ., Gurlek A.  
CLINICAL BIOCHEMISTRY, vol.93, pp.73-79, 2021 (Journal Indexed in SCI)
- II. **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 (Journal Indexed in SCI Expanded)
- III. **Clock gene &lt;i>&gt;PERIOD3&lt;/i> polymorphism is associated with susceptibility to Graves' disease but not to Hashimoto's thyroiditis.**  
Helvacı N., Oguz S., Kabacam S., Karabulut E., Akbiyik F., Alikasifoglu M., Gurlek A.  
Chronobiology international, vol.36, pp.1343-1350, 2019 (Journal Indexed in SCI Expanded)
- IV. **Oxysterol species: reliable markers of oxidative stress in diabetes mellitus**  
Samadi A., Gurlek A., Sendur S. N. , Karahan S., Akbiyik F., Lay I.  
JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol.42, no.1, pp.7-17, 2019 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)

- VI. **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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **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 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **Severe hyperglycemia associated with electroconvulsive therapy**  
 DAĞDELEN S., Akın Atmaca A., GÜRLEK Ö. A., Tufan A., Güven E., ANIL YAĞCIOĞLU A. E.  
 Journal of Endocrinological Investigation, vol.27, pp.615, 2004 (Journal Indexed in SCI Expanded)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **Efficacy of ACE inhibitors and ATII receptor blockers in insipient diabetic nephropathy**  
 Gedik O., Tutuncu N., Gurlek A.  
 DIABETOLOGIA, vol.43, 2000 (Journal Indexed in SCI)

- XX. **Increased plasma PAI-1 in relatives of type 2 diabetic patients**  
Gurlek A., Bayraktar M., Kirazli S.  
DIABETES CARE, vol.23, no.7, pp.1036-1037, 2000 (Journal Indexed in SCI)
- XXI. **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 (Journal Indexed in SCI)
- XXII. **Increased plasminogen activator inhibitor-1 activity in offspring of type 2 diabetic patients - Lack of association with plasma insulin levels**  
Gurlek A., Bayraktar M., Kirazli S.  
DIABETES CARE, vol.23, no.1, pp.88-92, 2000 (Journal Indexed in SCI)

## **Books & Book Chapters**

- I. **Hypoglycemia and Hyperglycemia in Critically Ill Cancer Patients**  
OĞUZ S. H. , ÜNLÜTÜRK U., LAÇİN Ş., GÜRLEK Ö. A. , YALÇIN Ş.  
in: Oncologic Critical Care, Nates J., Price K, Editor, springer, pp.1079-1091, 2019

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **Evaluation of nuclear factor-κB with oxysterols and clinical/biochemical characteristics of Type 1 and Type 2 Diabetes Mellitus**  
Samadi A., GÜRLEK Ö. A. , ŞENDUR S. N. , YILMAZ İŞIKHAN 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, England, 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., İŞIKAY 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**

arслан 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

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

## Citations

Total Citations (WOS):178

h-index (WOS):7