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Education Information

Expertise In Medicine, İstanbul Üniversitesi, İstanbul Medical Faculty, Tıbbi Biyokimya Anabilim Dalı, Turkey 1981 - 1985

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry

Academic Titles / Tasks

Professor, İstanbul University, İstanbul Medical Faculty, Temel Bilimler, 1996 - Continues

Associate Professor, İstanbul University, İstanbul Medical Faculty, Temel Bilimler, 1990 - 1996

Academic and Administrative Experience

Advising Theses

ÖMER B., Metabolik Sendromlu Hastalarda Endotel Fonksiyonunun Değerlendirilmesi, Expertise In Medicine, C.Umut(Student), 2016

ÖMER B., Deri sektöründe çalışanlarda DNA hasarı ve DNA tamir gen polimorfizmi ilişkisi, Expertise In Medicine, Ş.Şermin(Student), 2007

ÖMER B., Nazofarenks kanseri etyolojisinde DNA tamir genlerinin polimorfizmi", Doctorate, A.Akköse(Student), 2005

ÖMER B., Mikrozomal Epoksit Hidrolaz gen polimorfizminin mesane kanseri etyolojisindeki önemi", Expertise In Medicine, R.Murat(Student), 2002

ÖMER B., Sitokrom P450 2E1 gen polimorfizminin nazofarenks kanseri etyolojisindeki önem, Postgraduate, G.Kılıç(Student), 1999

ÖMER B., Fiziksel karsinojenlere maruz kalanların mononükleer hücrelerinde DNA hasar tayini", Postgraduate, A.Yiğitbaşı(Student), 1998

ÖMER B., Meme kanserlilerde nükleer DNA üzerine oksidatif hasarın etkisi, Doctorate, A.Tülin(Student), 1998

ÖMER B., Fiziksel karsinojenlere bağlı primer DNA hasar tayini, Expertise In Medicine, A.Akköse(Student), 1997

ÖMER B., Deneysel meme kanseri oluşumu ile E vitaminin ilişkisi, Postgraduate, N.I(Student), 1996

ÖMER B., Akut lösemilerde lökosit arilsülfataz A aktivitesinin değerlendirilmesi", Postgraduate, M.Manyaslı(Student), 1992

Jury Memberships

Appointment Academic Staff, Yar. Doç. , Maltepe Üniv. Tıp Fakültesi Tıbbi Biyokimya, February, 2016

Expertise In Medicine, Uzmanlık tez savunma, Cerrahpaşa Tıp Fakültesi, January, 2016

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

- I. **The comparison of CS-2500 and BCS XP coagulation analyzers for Factor VIII and Factor IX one-stage clotting assays**
Genc S., Aydin A. F. , Karaca E., Omer B.
INTERNATIONAL JOURNAL OF LABORATORY HEMATOLOGY, vol.41, no.5, 2019 (Journal Indexed in SCI)
- II. **Measurement of serum vitamin B12-related metabolites in newborns: implications for new cutoff values to detect B12 deficiency.**
Yetim A., Aygun E., Yetim C., Ucar A., Karakas Z., Gokcay G. F. , Demirkol M., Omer B., Gokcay G., Bas F., et al.
The journal of maternal-fetal & neonatal medicine : the official journal of the European Association of Perinatal Medicine, the Federation of Asia and Oceania Perinatal Societies, the International Society of Perinatal Obstetricians, pp.1-9, 2019 (Journal Indexed in SCI Expanded)
- III. **Combined effect of parathyroid hormone and strontium ranelate on bone healing in ovariectomized rats.**
GÖKER F., Ersanli S., Arisan V., Cevher E., Guzel E. E. , Issever H., Omer B., Altun G. D. , Morina D., Yilmaz T., et al.
Oral diseases, vol.24, no.7, pp.1255-1269, 2018 (Journal Indexed in SCI Expanded)
- IV. **Low concentrations of adropin are associated with endothelial dysfunction as assessed by flow-mediated dilatation in patients with metabolic syndrome**
Oruc C. U. , Akpınar Y. E. , Dervisoglu E., Amikishiyev S., Salmaslioglu A., Gurdol F., Omer B.
CLINICAL CHEMISTRY AND LABORATORY MEDICINE, vol.55, no.1, pp.139-144, 2017 (Journal Indexed in SCI)
- V. **Evaluation of Cell Counting in Body Fluids: Comparison of Two Automated Hematology Analyzers with Manual Microscopy**
Genc S., Dervisoglu E., Omer D., Kucukates E., Omer B., Ademoglu E.
CLINICAL LABORATORY, vol.62, no.12, pp.2449-2453, 2016 (Journal Indexed in SCI)
- VI. **Is there an effect of thyroid autoimmunity on the outcomes of assisted reproduction?**
SAKAR M., UNAL A., ATAY A. H. , ZEBITAY A., VERIT F., DEMIR S., TURFAN M., Omer B.
Journal of obstetrics and gynaecology : the journal of the Institute of Obstetrics and Gynaecology, vol.36, pp.213-7, 2016 (Journal Indexed in SCI)
- VII. **Evaluation of High Performance Liquid Chromatography and Liquid Chromatography-Tandem Mass Spectrometry Methods for 25 (OH) D-3 Assay**
Aydin A. F. , Mikailova P., Omer B., Genc S.
CLINICAL LABORATORY, vol.62, no.6, pp.1017-1022, 2016 (Journal Indexed in SCI)
- VIII. **Is there any relationship between cardiovascular risk markers and young women with diminished ovarian reserve?**
VERIT F. F. , Keskin S., Omer B., YALCINKAYA S., SAKAR N.
GYNECOLOGICAL ENDOCRINOLOGY, vol.30, no.10, pp.697-700, 2014 (Journal Indexed in SCI)
- IX. **The Role of IGF1/IGFBP3 System in Pre-Diabetes and New-Onset Diabetes Diagnosed with Different Criteria**
Satman I., Tutuncu Y., Celik S., Turker F., Dincceg N., Karsidag K., Omer B., Kalaca S., Telci A. G. S. , Genc S., et al.
ENDOCRINE REVIEWS, vol.35, no.3, 2014 (Journal Indexed in SCI)
- X. **Serum ghrelin and adiponectin levels are increased but serum leptin level is unchanged in low weight Chronic Obstructive Pulmonary Disease patients.**
Uzum A. K. , Aydin M. M. , Tutuncu Y., Omer B., Kiyani E., Alagol F.
EUROPEAN JOURNAL OF INTERNAL MEDICINE, vol.25, no.4, pp.364-369, 2014 (Journal Indexed in SCI)
- XI. **The diagnostic role of human epididymis protein 4 and serum amyloid-A in early-stage endometrial**

cancer patients.

Omer B., Genc S., Takmaz O., Dirican A., Kusku-Kiraz Z., Berkman S., Gurdol F.

Tumour biology : the journal of the International Society for Oncodevelopmental Biology and Medicine, vol.34, pp.2645-50, 2013 (Journal Indexed in SCI Expanded)

- XII. **Impact of vitamin D insufficiency on the epicardial coronary flow velocity and endothelial function**
Oz F., Cizgici A. Y. , Oflaz H., Elitok A., Karaayvaz E. B. , Mercanoglu F., Bugra Z., Omer B., Adalet K., Oncul A.
CORONARY ARTERY DISEASE, vol.24, no.5, pp.392-397, 2013 (Journal Indexed in SCI)
- XIII. **Relationship Between Visceral Adipose Tissue and Adiponectin, Inflammatory Markers and Thyroid Hormones in Obese Males with Hepatosteatosi and Insulin Resistance**
Ozcelik F., Yuksel C., Arslan E., Genc S., Omer B., Serdar M. A.
ARCHIVES OF MEDICAL RESEARCH, vol.44, no.4, pp.273-280, 2013 (Journal Indexed in SCI)
- XIV. **Effect of maternal and infant vitamin D supplementation on vitamin D levels of breastfed infants**
Bugrul F., Devecioglu E., Ozden T., Gokcay G., Omer B.
TURKISH JOURNAL OF PEDIATRICS, vol.55, no.2, pp.158-163, 2013 (Journal Indexed in SCI)
- XV. **Assessment of platelet aspirin responsiveness in Turkish Population with PFA-100, serum thromboxane B-2, soluble CD40 ligand and soluble P-Selectin]**
Saka B., Genc S., Eroglu H., Akpinar T. S. , Karadag A., Kilic L., Erten N., Tascioglu C., Omer B.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.38, no.1, pp.63-67, 2013 (Journal Indexed in SCI)
- XVI. **Evaluation of Turbidimetric Inhibition Immunoassay (TINIA) and HPLC Methods for Glycated Haemoglobin Determination**
Genc S., Omer B., Aycan-Ustyol E., Ince N., Bal F., Gurdol F.
JOURNAL OF CLINICAL LABORATORY ANALYSIS, vol.26, no.6, pp.481-485, 2012 (Journal Indexed in SCI)
- XVII. **Bone Turnover Markers and Vitamin D Status in Postmenopausal Turkish Women**
Genc S., Omer B., Aycan-Ustyol E., Kumral A., Gurdol F.
INTERNATIONAL JOURNAL FOR VITAMIN AND NUTRITION RESEARCH, vol.82, no.1, pp.27-33, 2012 (Journal Indexed in SCI)
- XVIII. **Detection of DNA single-strand breaks and glutathione in mononuclear blood cells of radiotherapy technicians**
AKKOSE A., Omer B., DENIZ G., DARENDELILER E.
ADDICTION BIOLOGY, vol.7, no.4, pp.409-414, 2002 (Journal Indexed in SCI)
- XIX. **MODULATION OF GAMMA-GLUTAMYL-TRANSFERASE TRANSPEPTIDASE ACTIVITY BY DIETARY EICOSAPENTAENOIC ACID AND VITAMIN-E IN LIVERS OF RABBITS ON HYPERCHOLESTEROLEMIC DIET**
ERYUREK F., SURMEN E., OMER B., ALTUG T., ONER P., DENIZ G.
RESEARCH COMMUNICATIONS IN CHEMICAL PATHOLOGY AND PHARMACOLOGY, vol.65, no.3, pp.389-392, 1989 (Journal Indexed in SCI)
- XX. **INFLUENCE OF EICOSAPENTAENOIC ACID AND VITAMIN-E ON HEPATIC HYDROXYPROLINE CONTENT IN RABBITS FED CHOLESTEROL-RICH DIET**
OMER B., ONER P., ERYUREK F., SURMEN E., ALTUG T.
INTERNATIONAL JOURNAL FOR VITAMIN AND NUTRITION RESEARCH, vol.59, no.4, pp.396-400, 1989 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **THE RELATIONSHIP BETWEEN NUTRITIONAL STATUS AND GLUCOSE TOLERANCE IN PREGNANCY**
Yabaci M., Idiz C., Calikoglu F., Yuksel A., Omer B., Demirel B., Ozer E., Satman I.
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESI DERGISI, vol.84, no.3, pp.376-385, 2021 (Journal Indexed in ESCI)
- II. **Koronar Kalp Hastası Erkeklerde SHBG Geni (TAAAA)n Pentanükleotid Tekrar Sayılarının Serum**

SHBG ve Lipid Düzeyleri Üzerine Etkisi

Kurnaz Gömleksiz Ö., Akadam Teker B., BUĞRA M. Z. , ÖMER B., YILMAZ AYDOĞAN H.

İstanbul Gelişim Üniversitesi Sağlık Bilimleri Dergisi, vol.1, no.3, pp.174-192, 2017 (National Refreed University Journal)

III. THE IMPACT OF hsCRP LEVELS ACROSS GLUCOSE TOLERANCE CATEGORIES: FROM NORMAL GLUCOSE TOLERANCE TO ESTABLISHED DIABETES

Tutuncu Y., Satman I., Celik S., Canbaz B., Turker F., Dincceg N., Karsidag K., Telci A. G. S. , Genc S., Omer B. NOBEL MEDICUS, vol.12, no.2, pp.38-44, 2016 (Journal Indexed in ESCI)

Books & Book Chapters

I. Hormon Etki Mekanizmaları

ÖMER B.

in: Tıbbi Biyokimya, Gürdöl F, Editor, Nobel Tıp Akademi Kitabevi Yayınları, İstanbul, pp.389-404, 2015

II. Hormon etki mekanizması

ÖMER B.

in: Biyokimya, Gürdöl F, Ademoğlu E, Editor, Nobel Tıp Kitabevleri, İstanbul, pp.693-760, 2006

Refereed Congress / Symposium Publications in Proceedings

I. Faktör VIII ölçümünde kromojenik yöntem ve tek aşamalı yöntemin analitik performanslarının değerlendirilmesi

Akkaya E., Koç Şenol S. B. , Genç N. S. , Karaman S., Ömer B., Zülfikar O. B.

Uluslararası Laboratuvar Tıbbı ve XX. Ulusal Klinik Biyokimya Kongresi 25-26 Aralık 2020, İstanbul, Turkey, 25 - 26 December 2020, pp.30

II. The performance evaluation of Snibe Maglumi 4000P for hormone assays

Genc S., ADEMOĞLU E., AYDIN F., ÖMER B.

23rd IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine (EuroMedLab), Barcelona, Spain, 19 - 23 May 2019, vol.493

III. The prevalence of folate deficiency in the adult population in Turkey: The association with prediabetes and diabetes

ÖMER B., TELCİ A. G. S. , Turker F., Tutuncu Y., Dincceg N., KARŞIDAĞ K., Yılmaz T., SATMAN İ., Genc S.

23rd IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine (EuroMedLab), Barcelona, Spain, 19 - 23 May 2019, vol.493

IV. DOES MEASUREMENT OF SERUM B12-RELATED METABOLITES IN NEWBORNS GIVE A NEW CUT-OFF VALUE FOR SERUM B12 LEVELS OR NEW CUT-OFF VALUES OF RELATED METABOLITES ACCORDING TO SERUM B12 LEVELS?

Yetim A., Aygun E., Yetim C., Karakas Z., Gokcay G. F. , Demirkol M., Omer B., Dagoglu T.

8th International Eurasian Hematology Oncology Congress (EHOC), İstanbul, Turkey, 18 - 21 October 2017, vol.61

V. Histological Evaluation of Combined Effect of Parathyroid Hormone and Strontium Ranelate on Calvarial Bone Healing in Ovariectomized Rats

GÖKER F., CEVHER E., ERSANLI S., GÜZEL MEYDANLI E. E. , İŞSEVER H., MORİNA D., ÖMER B., EKİZ YILMAZ T., DERVİŞOĞLU E., ARISAN V.

15th International Congress of Histochemistry and Cytochemistry, Antalya, Turkey, 18 - 21 May 2017, pp.151

VI. Yeni tanı almış genç diyabet/prediyabette adacık ve tiroid otoimmünitesi ilişkisi

Tütüncü Y., Polat Gürel N., ÖMER B., Alagöl M. F. , SATMAN İ., Çalışma Grubu T.

24. Ulusal İmmunoloji Kongresi, İstanbul, Turkey, 27 - 30 April 2017, pp.48

VII. Evaluation Of Cell Counting Of Body Fluids: Comparison Of Xn-1000 Sysmex And Unicel Dxh 800 Coulter And Manuel Microscopic Method

ÖMER B.

the 10th international conference of clinical laboratory automation, Seoul, South Korea, 20 - 22 April 2016, pp.55

VIII. **Vücut Sıvı Analizinde Unicel DxH 800 Coulter ve Sysmex XN 1000 Otomatik Sistemlerinin Performanslarının Değerlendirilmesi**

DERVİŞOĞLU E., GENÇ N. S. , ADEMOĞLU E., ÖMER B., KÜÇÜKATEŞ E.

XV. Ulusal Klinik Biyokimya Kongresi, Muğla, Turkey, 23 - 26 April 2015, pp.96

IX. **The evaluation of analytic performance of Automared Urine Analyzer-Iriscell IQ200-and Comparison urine culture**

ÖMER B.

13 th Asia-Pacific Federation for Clinical Biochemistry and Laboratory Medicine Congress Bali, Bali, Indonesia, 27 - 30 October 2013, pp.60

X. **Genetic polymorphism of microsomal epoxide hydrolase in the Turkish bladder carcinoma patients**
Omer B., KOSER M., AKKOSE A., KOCAK T.

15th IFCC/FESCC European Congress of Clinical Chemistry and Laboratory Medicine, Barcelona, Spain, 1 - 05 June 2003, pp.243-246

Supported Projects

GENÇ N. S. , ÖMER B., SATMAN İ., TÜRKER B. F. , TÜTÜNCÜ Y., Project Supported by Higher Education Institutions, The vitamin B12 concentration in Turkish adult population association with diabetes and prediabetes, 2017 - 2018

ARAL F., ELİUZ TİPİCİ B., ÖMER B., SATMAN İ., PALANDUZ Ş., ÇOŞKUNPINAR E. M. , Project Supported by Higher Education Institutions, Tip 2 Diyabetlilerde Lactobacillus GG'nin Glisemik Kontrol, Bazı İnflamatuvar Sitokinler ve Gen Ekspresyon Düzeyleri Üzerine Etkileri, 2015 - 2018

Memberships / Tasks in Scientific Organizations

Türk Klinik Biyokimya Derneği, Chairman, 2003 - Continues

Edit Congress and Symposium Activities

the 29th world congress of world association of societies of pathology and laboratory medicine WASPaLM2017, Attendee, Kyoto, Japan, 2017

13th Asia-Pacific Federation for Clinical Biochemistry and Laboratory Medicine Congress Bali, Attendee, Denpasar, Indonesia, 2013

Citations

Total Citations (WOS):177

h-index (WOS):8

Non Academic Experience

Other Public Institution, Sağlık Bakanlığı