

Prof. Yıldız İYİDOĞAN

Personal Information

Office Phone: [+90 212 414 2000](tel:+902124142000) Extension: 33172

Email: iyidogan@istanbul.edu.tr

Web: <http://aves.istanbul.edu.tr/iyidogan/>

Education Information

Post Doctorate, Istanbul University, Istanbul Medical Faculty, Tıbbi Biyokimya Anabilim Dalı, Turkey 1993 - Continues

Doctorate, Istanbul University, Health Sciences Institute, Biyokimya, Turkey 1993 - 1999

Postgraduate, Istanbul University, Health Sciences Institute, Biyokimya, Turkey 1991 - 1993

Undergraduate, Istanbul Technical University, Fen-Edebiyat Fakültesi, Kimyagerlik, Turkey 1986 - 1991

Foreign Languages

English, B1 Intermediate

French, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Eğitici Eğitimi Kursu, İstanbul Tıp Fakültesi, 2012

Health&Medicine, New Perspectives in Molecular Life Sciences Education, Türk Biyokimya Derneği İstanbul ve İzmir Şubeleri, 2012

Health&Medicine, Kanser Biyolojisinde Güncel Konular, Dokuz Eylül Üniversitesi Sağlık Bilimleri Enstitüsü, 2011

Education Management and Planning, Uluslararası Katılımlı Proteomik Çalıştay, İ.Ü. Fen Fakültesi, 2010

Education Management and Planning, Proteomik Araştırmaları Temel Bilgiler ve Uygulama Örnekleri, Türk Biyokimya Derneği, 2009

Health&Medicine, DNA Hasarı, Onarımı ve Hastalıklarla İlişkisi, Dokuz Eylül Üniversitesi Sağlık Bilimleri Enstitüsü, 2007

Health&Medicine, Uygulamalı Deney Hayvanları Kursu, İ.Ü. DETAE, 2007

Health&Medicine, Tıbbi Laboratuvarlarda Standardizasyon ve Kalite Güvencesi, Türk Biyokimya Derneği, 2001

Health&Medicine, Biyokimyada Araştırma Yöntemleri, Marmara Üniversitesi BİKİMER ve Tıp Fakültesi Biyokimya ABD, 1994

Dissertations

Doctorate, Melatoninin Beyin Antioksidan Enzim Aktivitelerine Etkisi ve Etanolle Etkileşimi. , Istanbul University, Istanbul Medical Faculty, Biyokimya, 1999

Postgraduate, Alkol ve Nikotinamid Verilen Sıçanlarda Karaciğer Kollajen İçeriği ve Prolidaz Aktivitesinde İncelemeler., Istanbul University, Istanbul Medical Faculty, Biyokimya, 1993

Research Areas

Academic Titles / Tasks

Professor, Istanbul University, Istanbul Medical Faculty, Basic Medical Sciences, 2012 - Continues

Associate Professor, Istanbul University, Istanbul Medical Faculty, Basic Medical Sciences, 2010 - 2012

Courses

Genel Biyokimya, Associate Degree, 2013 - 2014

Biyokimyasal Araştırmalarda Genel İlkeler, Postgraduate, 2013 - 2014

Advising Theses

İYİDOĞAN Y., DENEYSEL YÜKSEK YAĞLI BESLENME MODELİNDE KURKUMİN VE KAPSAİSİN UYGULAMASININ KARACİĞER YAĞLANMASI ÜZERİNE ETKİLERİ, Expertise In Medicine, M.Seyithanoğlu(Student), 2015

İYİDOĞAN Y., Obez Olgularda Serum Kimaz Aktivitesinin Hipertansiyonla ve İnflamatuvar Göstergelerle İlişkisi, Postgraduate, E.Topparmak(Student), 2014

Jury Memberships

Post Graduate, Yüksek Lisans Tez Sınav Jürisi, İstanbul Bilim Üniversitesi, December, 2013

Post Graduate, Yüksek Lisans Tez Sınav Jürisi, Sağlık Bilimleri Enstitüsü, July, 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Serum chymase levels in obese individuals: the relationship with inflammation and hypertension**
Topparmak E., TANRIKULU KÜÇÜK S., Oner-Iyidogan Y.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.45, no.3, pp.305-314, 2020 (SCI-Expanded)
- II. **The effect of dietary curcumin on hepatic chymase activity and serum fetuin-A levels in rats fed on a high-fat diet**
Oner-Iyidogan Y., Seyithanoglu M., TANRIKULU KÜÇÜK S., Kocak H., Beyhan- Ozdas S., Kocak-Toker N.
JOURNAL OF FOOD BIOCHEMISTRY, vol.41, no.3, 2017 (SCI-Expanded)
- III. **The effect of dietary curcumin and capsaicin on hepatic fetuin-A expression and fat accumulation in rats fed on a high-fat diet**
Seyithanoglu M., Oner-Iyidogan Y., Dogru-Abbasoglu S., Tanrikulu-Kucuk S., Kocak H., Beyhan-Ozdas S., Kocak-Toker N.
ARCHIVES OF PHYSIOLOGY AND BIOCHEMISTRY, no.2, pp.94-102, 2016 (SCI-Expanded)
- IV. **Serum fetuin-A and arginase-1 in human obesity model: Is there any interaction between inflammatory status and arginine metabolism?**
Tanrikulu-Kucuk S., Kocak H., Oner-Iyidogan Y., Seyithanoglu M., Topparmak E., Kayan-Tapan T.
SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.75, no.4, pp.301-307, 2015 (SCI-Expanded)
- V. **Effect of curcumin on hepatic heme oxygenase 1 expression in high fat diet fed rats: is there a triangular relationship?**
Oner-Iyidogan Y., Tanrikulu-Kucuk S., Seyithanoglu M., Kocak H., Dogru-Abbasoglu S., Aydın A. F., Beyhan-Ozdas S., Yapıslar H., Kocak-Toker N.

CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, no.10, pp.805-812, 2014 (SCI-Expanded)

- VI. **Curcumin prevents liver fat accumulation and serum fetuin-A increase in rats fed a high-fat diet**
Oner-Iyidogan Y., Kocak H., Seyidhanoglu M., Gurdol F., Gulcubuk A., Yildirim F., Cevik A., Uysal M.
JOURNAL OF PHYSIOLOGY AND BIOCHEMISTRY, vol.69, no.4, pp.677-686, 2013 (SCI-Expanded)
- VII. **Urinary nerve growth factor in children with overactive bladder: A promising, noninvasive and objective biomarker**
Oktar T. M., Kocak T., Oner-Iyidogan Y., Erdem S., Seyithanoglu M., Ziyilan O., Kocak H.
JOURNAL OF PEDIATRIC UROLOGY, vol.9, no.5, pp.617-621, 2013 (SCI-Expanded)
- VIII. **Appetite-regulating Hormones in Chronic Kidney Disease Patients**
Oner-Iyidogan Y., Gurdol F., Kocak H., Oner P., Cetinalp-Demircan P., Caliskan Y., Kocak T., Turkmen A.
JOURNAL OF RENAL NUTRITION, vol.21, no.4, pp.316-321, 2011 (SCI-Expanded)
- IX. **Serum Asymmetric Dimethylarginine and Nitric Oxide Levels in Obese Postmenopausal Women**
Kocak H., Oner-Iyidogan Y., Gurdol F., Oner P., Esin D.
JOURNAL OF CLINICAL LABORATORY ANALYSIS, vol.25, no.3, pp.174-178, 2011 (SCI-Expanded)
- X. **Collagen Synthesis, Nitric Oxide and Asymmetric Dimethylarginine in Diabetic Subjects Undergoing Hyperbaric Oxygen Therapy**
Gurdol F., Cimsit M., Oner-Iyidogan Y., Kocak H., Sengun S., Yalcinkaya-Demirsoz S.
PHYSIOLOGICAL RESEARCH, vol.59, no.3, pp.423-429, 2010 (SCI-Expanded)
- XI. **PLASMA ACYLATED GHRELIN, OBESTATIN AND LEPTIN IN DIFFERENT STAGES OF CHRONIC KIDNEY DISEASE PATIENTS**
Oner-Iyidogan Y., Oner P., Gurdol F., Kocak H., Cetinalp-Demircan P., Caliskan Y., Kocak T., Turkmen A.
IUBMB LIFE, vol.61, no.3, pp.343, 2009 (SCI-Expanded)
- XII. **Early and late effects of hyperbaric oxygen treatment on oxidative stress parameters in diabetic patients**
Gurdol F., Cimsit M., Oner-Iyidogan Y., Korpinar S., Yalcinkaya S., Kocak H.
PHYSIOLOGICAL RESEARCH, vol.57, no.1, pp.41-47, 2008 (SCI-Expanded)
- XIII. **Circulating ghrelin levels in obese women: a possible association with hypertension**
Oener-Iyidogan Y., KOCAK H., Guerdoel F., OENER P., Issever H., ESIN D.
SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.67, no.5, pp.568-576, 2007 (SCI-Expanded)
- XIV. **The relation between serum MDA and cystatin C levels in chronic spinal cord injury patients**
Kocak H., Oner-Iyidogan Y., Gurdol F., Kocak T., Esin D.
CLINICAL BIOCHEMISTRY, vol.38, no.11, pp.1034-1037, 2005 (SCI-Expanded)
- XV. **Evaluation of leukocyte arylsulphatase A, serum interleukin-6 and urinary heparan sulphate following tamoxifen therapy in breast cancer**
Oner-Iyidogan Y., Oner P., Kocak H., Lama A., Gurdol F., Bekpinar S., Unur N., Ozbek-Kir Z.
PHARMACOLOGICAL RESEARCH, vol.52, no.4, pp.340-345, 2005 (SCI-Expanded)
- XVI. **Cystatin-C and creatinine as indices of glomerular filtration rate in the immediate follow-up of renal transplant patients**
Kocak H., Oner-Iyidogan Y., Gurdol F., Kocak T., Nane I., Genc S.
CLINICAL AND EXPERIMENTAL MEDICINE, vol.5, no.1, pp.14-19, 2005 (SCI-Expanded)
- XVII. **Determination of diagnostic and prognostic values of urinary interleukin-8, tumor necrosis factor- α , and leukocyte arylsulphatase-A activity in patients with bladder cancer**
Kocak H., Oner-Iyidogan Y., Kocak T., Oner P.
CLINICAL BIOCHEMISTRY, vol.37, no.8, pp.673-678, 2004 (SCI-Expanded)
- XVIII. **Reply by authors to "Handling of commercially available enzyme immunoassays for 8-iso-prostaglandin F-2 α (8-iso-PGF(2 α), ipf(2 α)-III, 15-F-2t-IsoP) in clinical research and science: consideration from the analytical and review point of view"**
Oner-Iyidogan Y.
CLINICA CHIMICA ACTA, vol.344, pp.219-220, 2004 (SCI-Expanded)
- XIX. **Indices of oxidative stress in eutopic and ectopic endometria of women with endometriosis**

- Oner-Iyidogan Y., Kocak H., Gurdol F. M., Korkmaz D., Buyru F.
GYNECOLOGIC AND OBSTETRIC INVESTIGATION, vol.57, no.4, pp.214-217, 2004 (SCI-Expanded)
- XX. **Urine 8-isoprostane F-2 alpha concentrations in patients with neurogenic bladder due to spinal cord injury**
Oner-Iyidogan Y., Kocak H., Gurdol F. M., Kocak T., Erol B.
CLINICA CHIMICA ACTA, vol.339, pp.43-47, 2004 (SCI-Expanded)
- XXI. **Serum prolidase I activity and some bone metabolic markers in patients with breast cancer: in relation to menopausal status**
Kir Z., Oner P., Iyidogan Y., Turkmen S., Kocak H., Koser M., Kucucuk S.
CLINICAL BIOCHEMISTRY, vol.36, no.4, pp.289-294, 2003 (SCI-Expanded)
- XXII. **Seminal Plazma Superoksid Dismutaz ve Total Antioksidan Düzeylerinin Erkek İnfertilitesine Etkileri**
İYİDOĞAN Y., Genc S., Koçak H., AKKUŞ K. E.
Türk Üroloji Dergisi, vol.29, no.3, pp.296-300, 2003 (SCI-Expanded)
- XXIII. **Coadministration of melatonin and estradiol in rats: Effects on oxidant status**
Gurdol F. M., Genc S., Oner-Iyidogan Y., Suzme R.
HORMONE AND METABOLIC RESEARCH, vol.33, no.10, pp.608-611, 2001 (SCI-Expanded)
- XXIV. **The effects of acute melatonin and ethanol treatment on antioxidant enzyme activities in rat testes**
Oner-Iyidogan Y., Gurdol F. M., Oner P.
PHARMACOLOGICAL RESEARCH, vol.44, no.2, pp.89-93, 2001 (SCI-Expanded)
- XXV. **Evaluation of the effect of low-dose oral theophylline therapy on some bone turnover markers and serum prolidase I activity in mild asthmatics**
Oner P., Gurdol F. M., Oner-Iyidogan Y., Kolanci C., Buyukozturk S.
PHARMACOLOGICAL RESEARCH, vol.40, no.2, pp.189-193, 1999 (SCI-Expanded)
- XXVI. **Acute effects of estradiol and of diethylstilbestrol: Pro- or antioxidant potential?**
Genc S., Gurdol F., Oner-Iyidogan Y., Suzme R.
RESEARCH COMMUNICATIONS IN MOLECULAR PATHOLOGY AND PHARMACOLOGY, vol.105, no.3, pp.253-261, 1999 (SCI-Expanded)
- XXVII. **The effect of melatonin administration on ethanol-induced lipid peroxidation in rats**
Genç S., Gurdol F., Oner-Iyidogan Y., Onaran L.
PHARMACOLOGICAL RESEARCH, vol.37, no.1, pp.37-40, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **EFFECT OF DIETARY CURCUMIN ON OXIDANT-ANTIOXIDANT STATUS IN TESTIS TISSUES OF RATS FED A HIGH-FAT DIET**
SEYİTHANOĞLU M., Tanrikulu Kucuk S., Oner Iyidogan Y., Kocak H., Mikailova P., Aydin A. F.
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESİ DERGİSİ, vol.83, no.3, pp.247-253, 2020 (ESCI)
- II. **Grelinin Yapısı ve Organizmadaki Fonksiyonları**
İYİDOĞAN Y.
İSTANBUL TIP FAKÜLTESİ DERGİSİ, vol.70, no.3, pp.82-92, 2007 (Peer-Reviewed Journal)
- III. **Endometriyozisli Olguların Ötopik ve Ektopik Endometriyumda Oksidatif Stres Göstergeleri**
İYİDOĞAN Y., Koçak H., GÜRDÖL F. M., Korkmaz D., BUYRU H. F.
TÜRK KLİNİK BİYOKİMYA DERGİSİ, vol.1, no.1, pp.1-6, 2003 (Peer-Reviewed Journal)
- IV. **Serum Prolidaz I aktivitesinin Kemik Yapım-Yıkım İndeksi Olarak Değerlendirilmesi**
İYİDOĞAN Y., GÜRDÖL F. M., Oner P.
İstanbul Tıp Fakültesi Mecmuası, vol.62, no.3, pp.301-306, 1999 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **COMPARATIVE EVALUATION OF THE EFFECTIVENESS OF OXIDANTS AND ANTIOXIDANTS ON THE SUCCESS OF THE DENTAL IMPLANTS**
Pekcetin Z. S., KORAY M., KÜÇÜKGERGİN C., İYİDOĞAN Y.
4th PANHELLENIC CONFERENCE OF ORAL MEDICINE AND PATHOLOGY in conjunction with 1st EUROPEAN ASSOCIATION OF ORAL MEDICINE (EAOM) REGION 5 MEETING "ORAL MEDICINE AND PATHOLOGY: JUNCTION AND INTERACTION OF MEDICAL AND DENTAL SPECIALTIES, Selanik, Greece, 1 - 02 March 2019, pp.17
- II. **Effects of curcumin on oxidant-antioxidant system in high fat diet fed rats.**
Tanrikulu-Küçük S., Küçükgergin C., ABBASOĞLU S., Koçak H., Seyithanoğlu M., İYİDOĞAN Y.
International Conference on Fatty Liver, Sevilla, Spain, 1 - 03 June 2017, pp.78
- III. **The Effects of Curcumin and Capsaicin on LiverDNA Fragmentation and Total Antioxidant Statusin a High-Fat-Diet Model.**
KOÇAK H., SÖĞÜT İ., TANRIKULU KÜÇÜK S., TUNÇDEMİR M., SEYİTHANOĞLU M., İYİDOĞAN Y.
1st International Conferenceon Fatty Liver (ICFL), Seville, Spain, 1 - 03 June 2017, vol.2, no.1, pp.78
- IV. **The Effects of Dietary Curcumin and Capsaicin on Preventing High Fat Diet Induced Fatty Liver from Apoptosis in a Rat Model**
İYİDOĞAN Y., TANRIKULU KÜÇÜK S., KÜÇÜKGERGİN C., Söğüt İ., ABBASOĞLU S., SEYİTHANOĞLU M., Koçak H.
1st International Conference on Fatty Liver (ICFL), Sevilla, Spain, 1 - 03 June 2017, vol.2, pp.1-92
- V. **The effects of dietary curcumin and capsaicin on preventing high fat diet induced fatty liver from apoptosis in a rat model**
İYİDOĞAN Y., Tanrikulu-Küçük S., Küçükgergin C., Söğüt İ., ABBASOĞLU S., Seyithanoğlu M., Koçak H.
International Conference on Fatty Liver, Sevilla, Spain, 1 - 03 June 2017, pp.77
- VI. **The effect of curcumin and capsaicin supplementation on fetuin A expression and hepatic fat accumulation in high fat diet fed rats**
İYİDOĞAN Y., Seyithanoğlu M., ABBASOĞLU S., Tanrikulu-Küçük S., Koçak H., Beyhan-Öztaş Ş., TOKER B. N.
8th World Congress on Diabetes and Obesity, Riga, Lithuania, 2 - 03 July 2015, pp.133
- VII. **TANRIKULU KÜÇÜK SEVDA, Seyithanoğlu Muhammed, İYİDOĞAN YILDIZ, KOÇAK HİKMET, ÖZDAŞ ŞULE, YAPIŞLAR HANDE, TOKER BEŞARET NECLA (2015). Kurkumin Uygulamasının Yüksek Yağlı Diyetle Beslenen Sıçanlarda Karaciğer Kimaz Aktivitesi ve Fetuin-A Düzeyleri Üzerine Etkisi. 23-26 Nisan 2015**
TANRIKULU-KUCUK S., SEYİTHANOĞLU M., İYİDOĞAN Y., Koçak H., BEYHAN-OZDAS S., YAPISLAR H., TOKER B. N.
XV. Ulusal Klinik Biyokimya Kongresi Fethiye,, Muğla, Turkey, 23 - 26 April 2015, pp.74
- VIII. **Effects of Curcumin Supplementation on Serum Fetuin-A Levels in Rats Fed a High-Fat Diet: Is Curcumin Useful for Treatment of Fatty Liver Diseases?.**
Gülçubuk A., İyidoğan Y., Koçak H., Seyithanoğlu M., Gürdöl F. M., Yıldırım F., Çevik A., Uysal M. M.
20th IFCC-EFLM European Congress of Clinical and laboratory Medicine (EuroMedLab), Milan, Italy, 19 - 23 May 2013
- IX. **Effects of Curcumin Supplementation on Liver Metabolism in Rats Fed A High-Fat Diet: A Proteomic Approach**
KOÇAK H., İYİDOĞAN Y., BAYKAL A., Seyidhanoğlu M., ÇEVİK A., GÜRDÖL F. M., UYSAL M. M.
20th IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine (EuroMedLab), Milano, Italy, 19 - 23 May 2013, vol.37, pp.266

Supported Projects

İYİDOĞAN Y., Project Supported by Other Private Institutions, Curcumin Takviyesinin Obeziteyle İlişkili Göstergeler Üzerine Etkisi, 2016 - Continues

KORAY M., TANYERİ H., PEKÇETİN Z. S., İYİDOĞAN Y., Project Supported by Higher Education Institutions, Dental İmplantların Uzun Dönem Başarısında Tükürükteki Oksidatif Streslerin ve Antioksidanların Etkinliğinin Karşılaştırmalı

Olarak İncelenmesi, 2016 - 2018

İYİDOĞAN Y., Project Supported by Higher Education Institutions, CURCUMİN UYGULAMASININ YÜKSEK YAĞLI DİYETLE BESLENEN SIÇANLARDA KARACİĞER KİMAZ AKTİVİTESİ VE OKSİDATİF HASAR ÜZERİNE ETKİSİ, 2013 - 2016

İYİDOĞAN Y., Project Supported by Higher Education Institutions, THE EFFECT OF CURCUMIN AND CAPSAICIN SUPPLEMENTATION ON FETUIN-A EXPRESSION AND HEPATIC FAT ACCUMULATION IN HIGH FAT DIET FED RATS, 2015 - 2015

İYİDOĞAN Y., Project Supported by Higher Education Institutions, Akut Alkol Toksisitesinde Curcumin ve N-Asetilsistein? in Karaciğerde Antioksidan Sistem Üzerine Etkisi, 2011 - 2014

İYİDOĞAN Y., Project Supported by Higher Education Institutions, EFFECTS OF CURCUMIN SUPPLEMENTATION ON SERUM FETUIN-A LEVELS IN RATS FED A HIGH-FAT DIET: IS CURCUMIN USEFUL FOR TREATMENT OF FATTY LIVER DISEASE?, 2013 - 2013

İYİDOĞAN Y., Project Supported by Higher Education Institutions, ORAL CURCUMİN UYGULAMASININ YAĞLI DİYETLE İNDÜKLENMİŞ OBEZ SIÇAN KARACİĞERİNDEKİ PROTEOMİK DEĞİŞİMLERE VE OKSİDAN-ANTIOKSİDAN STATUSE ETKİSİ, 2010 - 2013

İYİDOĞAN Y., Project Supported by Higher Education Institutions, TİP 2 DİYABETTE SERUM FETUİN-A VE ADMA DÜZEYLERİNİN İNSÜLİN DİRENCİ VE OKSİDATİF STRES İLE İLİŞKİSİ, 2010 - 2011

İYİDOĞAN Y., Project Supported by Higher Education Institutions, Tip 2 Diyabetli Kişilerde Serum ADMA ve Nitrik Oksit Düzeylerinin Insulin Direnci ile İlişkisi, 2007 - 2010

Metrics

Publication: 40

Citation (WoS): 376

Citation (Scopus): 411

H-Index (WoS): 13

H-Index (Scopus): 13