

Prof. Bahattin Avcı

Personal Information

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Education Information

Postgraduate, Ondokuz Mayıs University, Lisansüstü Eğitim Enstitüsü, Sağlık Yönetimi Anabilim Dalı, Turkey 2020 - 2021

Expertise In Medicine, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 1996 - 2000

Undergraduate, Istanbul University, Istanbul Medical Faculty, Turkey 1987 - 1993

Certificates, Courses and Trainings

Health&Medicine, İyi Klinik Uygulamalar Temel Eğitimi, Türkiye İlaç ve Tıbbi Cihaz Kurumu, 2018

Dissertations

Expertise In Medicine, Menstrüel siklus boyunca cinsiyet hormonlarındaki değişiklikler ile serum leptin düzeyleri arasındaki ilişkiler, Ataturk University, Tıp Fakültesi, Temel Tıp Bilimleri, 2000

Research Areas

Biochemistry

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2022 - Continues

Associate Professor, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2014 - 2022

Assistant Professor, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2008 - 2014

Academic and Administrative Experience

Scientific Award Committee Member, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2024 - Continues

Member of the Rectorate Academic Performance Evaluation Commission, Ondokuz Mayıs University, Tıp Fakültesi, Temel

Tıp Bilimleri Bölümü, 2020 - Continues

BAP Scientific Commissioner, Ondokuz Mayıs University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2016 - Continues

Courses

Temel Laboratuvar Yöntemleri, Postgraduate, 2015 - 2016

SHMYO-II.Sınıf- TLP 205 Klinik Biyokimya, Associate Degree, 2015 - 2016

Class I-Energy Block LECTURE(Lipogenesis), Undergraduate, 2012 - 2013

Class I-Nutrition Block LECTURE 1 SUNUM(Vitamins and trace Elements), Undergraduate, 2012 - 2013

Dönem III Hormon Bloğu 1 Hafta PDÖ, Undergraduate, 2012 - 2013

Dönem II-Seçmeli Ders 28Hafta/yıl, Undergraduate, 2012 - 2013

BIO603-Temel Laboratuvar Yöntemleri, Postgraduate, 2012 - 2013, 2011 - 2012

Dönem IHHormon Bloğu 1 SUNUM (Kadın ve erkek seks steroidleri ve sentezi), Undergraduate, 2012 - 2013

DÖNEM I-BESLENME BLOĞU-2 SUNUM(VİTAMİN-MİNİRALLER VE SU), Undergraduate, 2012 - 2013

Bilimsel Hazırlık(Lipoliz), Postgraduate, 2012 - 2013

II.Sınıf TLT-205 Klinik Biyokimya, Associate Degree, 2012 - 2013

Bilimsel Hazırlık(Erkek ve kadın seks steroidleri ve sentezi), Postgraduate, 2012 - 2013, 2011 - 2012

Bilimsel Hazırlık(Biyolojik membranlardan transport), Postgraduate, 2012 - 2013

Dönem I-Enerji Bloğu 2 HAFTA/YIL PDÖ, Undergraduate, 2012 - 2013

Bilimsel Hazırlık(Kolesterol biyosentezi), Postgraduate, 2012 - 2013

Dönem IBeslenme Bloğu 1 HAFTA/YIL PDÖ, Undergraduate, 2012 - 2013

Bilimsel Hazırlık(Santral Sinir Sistemi hormonları), Postgraduate, 2012 - 2013, 2011 - 2012

Dönem I-Enerji Bloğu 2SUNUM/YIL (Lipogenez), Undergraduate, 2012 - 2013

DÖNEM I MİKROÇEVREDE DENGİ BLOĞU PDÖ (2 HAFTA), Undergraduate, 2012 - 2013, 2011 - 2012

Dönem IV Endokrin Ürogenital Sistem Bloğu (OGTT Uygulama) 12 hafta/yıl, Undergraduate, 2012 - 2013, 2011 - 2012

DÖNEM IBESLENME BLOĞU-2SUNUM(VİTAMİN-MİNİRALLER VE SU), Undergraduate, 2012 - 2013, 2011 - 2012

Dönem I Yaşam Bloğu- 3HAFTA/yıl PDÖ, Undergraduate, 2012 - 2013

BIO607-Hormonların Biyokimyası, Postgraduate, 2012 - 2013, 2011 - 2012

II.Sınıf TLT-102 Temel laboratuvar uygulamaları, Associate Degree, 2012 - 2013

Bilimsel Hazırlık(Lipogenez), Postgraduate, 2012 - 2013

Dönem II Savunma-Enflamasyon Bloğu, 2 HAFTA/YIL PDÖ, Undergraduate, 2012 - 2013

Bilimsel Hazırlık(Mineraller), Postgraduate, 2012 - 2013, 2011 - 2012

Bilimsel Hazırlık(Hücre içi Sinyal aktarımı ve ikinci haberciler), Postgraduate, 2012 - 2013, 2011 - 2012

Dönem IIIHormon Bloğu SUNUM (Kadın ve erkek seks steroidleri ve sentezi), Undergraduate, 2011 - 2012

Dönem I Yaşam Bloğu- 3HAFTA-PDÖ, Undergraduate, 2011 - 2012

Dönem III Sindirim Bloğu-2 hafta-PDÖ, Undergraduate, 2011 - 2012

DışHekimliği Dönem II Temel Biyokimya, Undergraduate, 2011 - 2012

Class INutrition Block LECTURE 1 SUNUM(Vitamins and trace Elements), Undergraduate, 2011 - 2012

Dönem II Seçmeli Ders 12 hafta/yıl, Undergraduate, 2011 - 2012

Dönem II Büyüme Gelişme Bloğu-4 hafta-PDÖ, Undergraduate, 2011 - 2012

Dönem I Enerji Bloğu-2SUNUM (Lipogenez), Undergraduate, 2011 - 2012

Class I Energy Block LECTURE(1) (Lipogenesis), Undergraduate, 2011 - 2012

Advising Theses

Avcı B., Gürbilek M., RAT POLİKİSTİK OVER SENDROMU MODELİNDE TRPV1 ve TRPM2 İYON KANALLARININ EKSPRESYONUNUN ve METİLASYONUN ROLÜ, Doctorate, E.İNCİLAY(Student), Continues

Avcı B., TRANSLOKATÖR PROTEİN (TSPO) DÜZEYİNİN İNME HASTALIĞI TANI VE PROGNOZUNDAKİ ÖNEMİ, Doctorate, P.AYHAN(Student), Continues

Avcı B., Anksiyete Bozukluğu Olan Çocuklarda Oksidatif Stresin Değerlendirilmesi, Doctorate, A.ARAL(Student), 2024
Avcı B., İn vitro enflamasyon modelinde hiperpolarizasyon ile aktive olan siklik nükleotid kapılı (HCN) kanalların moleküler düzeyde araştırılması, Expertise In Medicine, Y.CİVİL(Student), 2022
Avcı B., Endometrial prekanseröz lezyonlar ve endometrial neoplazi oluşumunda adipokinlerin rolü, Doctorate, T.BARATZADA(Student), 2018
Avcı B., Ratlarda uzun dönem Bisfenol A kullanımı üzerine alfa-tokoferol ve alfa-lipoik asit'in etkileri, Expertise In Medicine, A.BAHADIR(Student), 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of hyperpolarization-activated cyclic nucleotide-gated (HCN) channels in vitro inflammation model at molecular level**
Urkmek Y. C., Avcı B., Gunaydin C., Celik Z. B., Ürkmez S. S.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.479, no.5, pp.1223-1229, 2024 (SCI-Expanded)
- II. **The role of oligoclonal band count and IgG index in treatment response and disease activity in multiple sclerosis**
Taskiran E., Terzi M., Helvacı E. M., Eser M. Z., Avcı B., Faruk T. O., YETKİN M. F., Çilingir V., Bir L. S., CANBAZ KABAY S., et al.
MULTIPLE SCLEROSIS AND RELATED DISORDERS, vol.83, 2024 (SCI-Expanded)
- III. **Assessment of silent brain injury in patients undergoing elective percutaneous coronary intervention due to chronic total occlusion**
Uyanık M., Yıldırım U., Avcı B., Soylu K.
SCANDINAVIAN CARDIOVASCULAR JOURNAL, vol.57, no.1, pp.25-30, 2023 (SCI-Expanded)
- IV. **Effect of piezoincision on the rate of mandibular molar mesialization: A randomised clinical trial**
Ogrenim M., Cesur M., Demetoglu U., Yucel Z., Avcı B.
Nigerian journal of clinical practice, vol.26, no.6, pp.720-730, 2023 (SCI-Expanded)
- V. **Aqueous humor and serum levels of 4-hydroxynonenal and 8-hydroxy-2'-deoxyguanosine in pseudoexfoliation syndrome and glaucoma.**
Koçak N., Can E., Yeter V., Turunç M., Subaşı M., Niyaz L., Avcı B.
International ophthalmology, vol.43, no.4, pp.1395-1404, 2023 (SCI-Expanded)
- VI. **Low serum allopregnanolone levels in children with attention deficit hyperactivity disorder**
Sahin I., SAY G. N., Avcı B., Kesim N.
PSYCHONEUROENDOCRINOLOGY, vol.146, 2022 (SCI-Expanded)
- VII. **Serum kisspeptin levels in deep-infiltrating, ovarian, and superficial endometriosis A prospective observational study**
Önal M., Karli P., Özdemir A. Z., Kocaman A., Katirci Y., Coban G., Nakisli G. K., Civil Y., Avcı B.
MEDICINE, vol.101, no.45, 2022 (SCI-Expanded)
- VIII. **Neuroprotective effects of sinapic acid involve the iron regulatory role on the rotenone- induced Parkinson's disease model**
Avcı B., Gunaydin C., Kulbay M., Kuruca Şahbazoğlu N., Güvenç T., Bilge S. S.
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.58, 2022 (SCI-Expanded)
- IX. **Clinical and biochemical evaluation of oral irrigation in patients with peri-implant mucositis: a randomized clinical trial**
Tutuncuoğlu S., Özkan Çetinkaya B., Pamuk F., Avcı B., Keles G. C., KURT BAYRAKDAR S., Lütfoğlu M.
CLINICAL ORAL INVESTIGATIONS, vol.26, no.1, pp.659-671, 2022 (SCI-Expanded)
- X. **The Role of Delivery Route on Colostrum Melatonin and Serum Il-6 Levels: a Prospective Controlled study**
Caliskan C., Celik S., Hatirnaz S., Çelik H., Avcı B., Tinelli A.
ZEITSCHRIFT FÜR GEBURTSHILFE UND NEONATOLOGIE, vol.225, no.06, pp.506-512, 2021 (SCI-Expanded)
- XI. **Tofacitinib enhances remyelination and improves myelin integrity in cuprizone-induced mice**

- Gunaydin C., Önger M. E., Avcı B., Bozkurt A., Terzi M., Bilge S. S.
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.43, no.6, pp.790-798, 2021 (SCI-Expanded)
- XII. **The effects of metformin treatment on the ovaries and uterus of offspring**
Ayas B., Kirmizikan S., Kocaman A., Avcı B.
GYNECOLOGICAL ENDOCRINOLOGY, vol.37, no.7, pp.624-628, 2021 (SCI-Expanded)
- XIII. **Is afamin a potential early biomarker for subsequent development of preeclampsia? A nested case-control study**
Caliskan C. S., Celik S., Avcı B.
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.34, no.12, pp.2006-2011, 2021 (SCI-Expanded)
- XIV. **Comparison of gingival crevicular fluid and serum human beta-defensin-2 levels between periodontal health and disease**
Ozturk A., Kurt-Bayrakdar S., Avcı B.
ORAL DISEASES, vol.27, no.4, pp.993-1000, 2021 (SCI-Expanded)
- XV. **Idebenone Ameliorates Rotenone-Induced Parkinson's Disease in Rats Through Decreasing Lipid Peroxidation**
Avcı B., Gunaydin C., Güvenç T., Yavuz C. K., Kuruca Şahbazoğlu N., Bilge S. S.
NEUROCHEMICAL RESEARCH, vol.46, no.3, pp.513-522, 2021 (SCI-Expanded)
- XVI. **The receptor for advanced glycation end product (RAGE) pathway in COVID-19**
YALÇIN KEHRİBAR D., Cihangiroglu M., Sehmen E., Avcı B., Capraz A., Yildirim Bilgin A., Gunaydin C., Özgen M.
BIOMARKERS, vol.26, no.2, pp.114-118, 2021 (SCI-Expanded)
- XVII. **Decreased prostate-specific membrane antigen levels in the seminal plasma of oligoasthenoteratozoospermic men**
Arslan M. A., Avcı B., Tunçel Ö. K., Aşçı R.
ANDROLOGIA, vol.53, no.1, 2021 (SCI-Expanded)
- XVIII. **The effect of ellagic acid on the repair process of periodontal defects related to experimental periodontitis in rats**
DEDE F. Ö., Dogan S. B., Ballı U., Durmuslar M. C., Avcı B., GÜLLE K., AKPOLAT FERAH M.
JOURNAL OF APPLIED ORAL SCIENCE, vol.29, 2021 (SCI-Expanded)
- XIX. **SAHA attenuates rotenone-induced toxicity in primary microglia and HT-22 cells**
Gunaydin C., celik Z. B., Bilge S. S., Avcı B., Kara N.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.37, no.1, pp.23-33, 2021 (SCI-Expanded)
- XX. **Increased levels of interleukin-32 isoforms alpha, beta, gamma, and delta in the gingival crevicular fluid and plasma of the patients with periodontitis**
DEDE F. Ö., GÖKMENOĞLU C., Deveci E. T., Celen S., Avcı B., Kara C., ÇANAKÇI V.
JOURNAL OF PERIODONTAL RESEARCH, vol.56, no.1, pp.83-92, 2021 (SCI-Expanded)
- XXI. **Serum vitamin D concentration is associated with antimicrobial peptide level in periodontal diseases**
Bayirli B. A., ÖZTÜRK A., Avcı B.
ARCHIVES OF ORAL BIOLOGY, vol.117, 2020 (SCI-Expanded)
- XXII. **Neuroprotective action of agmatine in rotenone-induced model of Parkinson's disease: Role of BDNF/cREB and ERK pathway**
Bilge S. S., Günaydin C., Önger M. E., Bozkurt A., Avcı B.
Behavioural Brain Research, vol.392, 2020 (SCI-Expanded)
- XXIII. **Nonsurgical Periodontal Therapy Reduces Salivary and Gingival Crevicular Fluid YKL-40 and IL-6 Levels in Chronic Periodontitis**
Yucel Z. P. K., Keles G. C., Avcı B., Özkan Çetinkaya B.
ORAL HEALTH & PREVENTIVE DENTISTRY, vol.18, no.4, pp.815-822, 2020 (SCI-Expanded)
- XXIV. **The Role of NMDA Receptors in the Effect of Purinergic P2X7 Receptor on Spontaneous Seizure Activity in WAG/Rij Rats With Genetic Absence Epilepsy**
Dogan E., AYGÜN H., Arslan G., Rzayev E., Avcı B., Ayyıldız M., Ağar E.
FRONTIERS IN NEUROSCIENCE, vol.14, 2020 (SCI-Expanded)
- XXV. **Is platelet-rich plasma improves the anastomotic healing in hyperthermic intraperitoneal**

- chemotherapy with oxaliplatin: an experimental rat study**
Buk O. F., Ocak S., Genç B., Avcı B., Uzuner H. O.
ANNALS OF SURGICAL TREATMENT AND RESEARCH, vol.98, no.2, pp.89-95, 2020 (SCI-Expanded)
- XXVI. **The assessment of the serum levels of TWEAK and prostaglandin F2 alpha in COVID-19**
YALÇIN KEHRİBAR D., Cihangiroglu M., Sehmen E., Avcı B., Capraz M., Boran M., Gunaydin C., Özgen M.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.50, no.8, pp.1786-1791, 2020 (SCI-Expanded)
- XXVII. **Is N-terminal pro-brain natriuretic peptide a reliable marker for body fluid status in children with chronic kidney disease?**
Nalcacioglu H., Ozkaya O., Kafali H. C., Tekcan D., Avcı B., Baysal K.
Archives of Medical Science, vol.16, no.4, pp.802-810, 2020 (SCI-Expanded)
- XXVIII. **Possible Mechanism of Agmatine in Rotenone-Induced Parkinson's Disease Model in Rats**
Gunaydin C., Bilge S. S., Önger M. E., Bozkurt A., Avcı B.
ACTA PHYSIOLOGICA, vol.227, pp.86, 2019 (SCI-Expanded)
- XXIX. **The effects of platelet-rich-plasma gel application to the colonic anastomosis in hyperthermic intraperitoneal chemotherapy: An experimental rat model**
Ocak S., Buk O. F., Genç B., Avcı B., Uzuner H. O., Gundogdu S. B.
INTERNATIONAL WOUND JOURNAL, vol.16, no.6, pp.1426-1432, 2019 (SCI-Expanded)
- XXX. **The Effect of Cannabinoids on Epileptic Activity in WAG/Rij Rats and the Role of Purinergic P2X7 Receptors in This Effect**
Seri E., AYGÜN H., Arslan G., Avcı B., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.227, pp.78, 2019 (SCI-Expanded)
- XXXI. **Electrophysiological and Biochemical Effects and Interaction of P2X7 Receptors and Memantine on Epileptic Activity in WAG / Rij Rats**
Sen E., AYGÜN H., Arslan G., Avcı B., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.227, pp.79, 2019 (SCI-Expanded)
- XXXII. **Effects of agomelatine in rotenone-induced Parkinson's disease in rats**
Gunaydin C., Avcı B., Bozkurt A., Önger M. E., Balci H., Bilge S. S.
NEUROSCIENCE LETTERS, vol.699, pp.71-76, 2019 (SCI-Expanded)
- XXXIII. **Does transrectal ultrasonography-guided biopsy of the prostate lead to possible further metastasis via circulating tumor cells?**
Atilla M. K., Avcı B., Irkilata L., Aydin M., Bitkin A., Keles M., Yucel I., Ulubay M.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.49, no.6, pp.1701-1706, 2019 (SCI-Expanded)
- XXXIV. **The Effect of P2X7 Receptor Antagonist A-438079 On Absence Epilepsy Model of WAG/Rij Rats**
Sen E., AYGÜN H., Arslan G., Avcı B., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.225, pp.21, 2018 (SCI-Expanded)
- XXXV. **What is adverse effect of wireless local area network, using 2.45 GHz, on the reproductive system?**
Bilgici B., GÜN S., Avcı B., Akar A., Korunur Engiz B.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, no.11, pp.1054-1061, 2018 (SCI-Expanded)
- XXXVI. **Which Ischemic Stroke Subtype Is Associated with Hyperhomocysteinemia?**
Gungor L., Polat M., Ozberk M. B., Avcı B., Abur Ü.
JOURNAL OF STROKE & CEREBROVASCULAR DISEASES, vol.27, no.7, pp.1921-1929, 2018 (SCI-Expanded)
- XXXVII. **Protective effects of dietary omega-3 fatty acid supplementation on organophosphate poisoning**
Avcı B., Bilge S. S., ARSLAN G., Alici O., Darakci O., Baratzada T., Çiftcioğlu E., Yardan T., Bozkurt A.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.34, no.2, pp.69-82, 2018 (SCI-Expanded)
- XXXVIII. **The role of bioelectrical impedance analysis, NT-ProBNP and inferior vena cava sonography in the assessment of body fluid volume in children with nephrotic syndrome**
Nałçacıoğlu H., Ozkaya O., Baysal K., Kafali H. C., Avcı B., Tekcan Karalı D., Genç G.
NEFROLOGIA, vol.38, no.1, pp.48-56, 2018 (SCI-Expanded)
- XXXIX. **The Effect of P2X7 Receptor Agonist, BzATP on Absence-Like Epileptic Activity in Wag/Rij Rats**
Sen E., AYGÜN H., Arslan G., Avcı B., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.221, pp.26, 2017 (SCI-Expanded)

- XL. The Role of NMDA Receptor Blocker Memantine in the Effect of P2X7 Receptors on Penicillin-induced Epileptiform Activity**
ARSLAN G., Kocacan S. E., Ayyıldız M., Rzayev E., Avcı B., Ağar E.
ACTA PHYSIOLOGICA, vol.221, pp.106, 2017 (SCI-Expanded)
- XLI. IS NT-PROBNP A RELIABLE MARKER FOR BODY FLUID STATUS IN CHILDREN WITH CHRONIC KIDNEY DISEASE?**
Nalçacıoğlu H., Ozkaya O., Kafali H. C., Tekcan Karalı D., Avcı B., Baysal K.
PEDIATRIC NEPHROLOGY, vol.32, no.9, pp.1715, 2017 (SCI-Expanded)
- XLII. The Effect of P2X7 Receptors on Penicillin-induced Epileptiform Activity and the Role of T-type Calcium Channel Inhibitor NNC 55-3069 on This Effect**
ARSLAN G., Kocacan S. E., Ayyıldız M., Rzayev E., Avcı B., Ağar E.
ACTA PHYSIOLOGICA, vol.221, pp.33, 2017 (SCI-Expanded)
- XLIII. Obesity and oxidative stress in patients with different periodontal status: a case-control study**
Atabay V. E., Lütfioğlu M., Avcı B., Sakallıoğlu E. E., Aydogdu A.
JOURNAL OF PERIODONTAL RESEARCH, vol.52, no.1, pp.51-60, 2017 (SCI-Expanded)
- XLIV. Gingival crevicular fluid oxidative stress level in patients with periodontal disease and hyperlipidemia**
Lütfioğlu M., Aydogdu A., Atabay V. E., Sakallıoğlu E. E., Avcı B.
BRAZILIAN ORAL RESEARCH, vol.31, 2017 (SCI-Expanded)
- XLV. Glutathione levels in plasma, saliva and gingival crevicular fluid after periodontal therapy in obese and normal weight individuals**
Dede F. O., Dogan S. B., Ballı U., Avcı B., Durmuşlar M. C., Baratzade T.
JOURNAL OF PERIODONTAL RESEARCH, vol.51, no.6, pp.726-734, 2016 (SCI-Expanded)
- XLVI. The Effect of P2X7 Receptor Antagonist A-438079 on Penicillin-induced Epileptiform Activity**
ARSLAN G., Kocacan S. E., Ayyıldız M., Rzayev E., Avcı B., Ağar E.
ACTA PHYSIOLOGICA, vol.218, pp.77, 2016 (SCI-Expanded)
- XLVII. The Effect of Low Dose Memantine on Epileptic Activity in WAG/Rij Rats**
Sen E., AYĞÜN H., ARSLAN G., Avcı B., Ayyıldız M., Ağar E.
ACTA PHYSIOLOGICA, vol.218, pp.77-78, 2016 (SCI-Expanded)
- XLVIII. Influence of -tocopherol and -lipoic acid on bisphenol-A-induced oxidative damage in liver and ovarian tissue of rats**
Avcı B., Bahadır A., Tunçel Ö. K., Bilgici B.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.32, no.8, pp.1381-1390, 2016 (SCI-Expanded)
- XLIX. Serum VEGF and PGF may be significant markers in prediction of severity of preeclampsia**
Kurtoglu E., Avcı B., Kokcu A., Çelik H., Dura M. C., Malatyalioglu E., Özdemir A. Z.
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.29, no.12, pp.1987-1992, 2016 (SCI-Expanded)
- L. The effect of initial periodontal treatment on plasma, gingival crevicular fluid and salivary levels of 8-hydroxy-deoxyguanosine in obesity**
Dede F. O., Dogan S. B., BALLI U., Avcı B., DURMUŞLAR M. C.
ARCHIVES OF ORAL BIOLOGY, vol.62, pp.80-85, 2016 (SCI-Expanded)
- LI. Kidney injury molecule-1 and neutrophil gelatinase associated lipocalin in normoalbuminuric diabetic children**
Ucakturk A., Avcı B., Genc G., Ozkaya O., Aydın H. M.
JOURNAL OF PEDIATRIC ENDOCRINOLOGY & METABOLISM, vol.29, no.2, pp.145-151, 2016 (SCI-Expanded)
- LII. The role of early determination of beta-human chorionic gonadotropin levels in predicting the success of single-dose methotrexate treatment in ectopic pregnancy**
Çelik H., TOSUN M., Isik Y., Avcı B.
GINEKOLOGIA POLSKA, vol.87, no.7, pp.484-487, 2016 (SCI-Expanded)
- LIII. Assessment of periostin levels in serum and gingival crevicular fluid of patients with periodontal disease**
Ballı U., Keles Z. P., Avcı B., Guler S., Cetinkaya B. O., Keles G. C.

JOURNAL OF PERIODONTAL RESEARCH, vol.50, no.6, pp.707-713, 2015 (SCI-Expanded)

- LIV. **Protective Effects of Omega-3 Fatty Acid Supplementation on Organic Phosphorus Pesticide Poisoning**
Avcı B., Bilge S. S., ARSLAN G., Baratzada T., Darakci O., Çiftcioğlu E., Yardan T., Bozkurt A.
ACTA PHYSIOLOGICA, vol.215, pp.98-99, 2015 (SCI-Expanded)
- LV. **Oxidative stress in bipolar and schizophrenia patients**
Tunçel Ö. K., SARISOY G., Bilgici B., Pazvantoglu O., Cetin E., Unverdi E., Avcı B., Böke Ö.
PSYCHIATRY RESEARCH, vol.228, no.3, pp.688-694, 2015 (SCI-Expanded)
- LVI. **Effects of Oleuropein on Serum Inflammatory Cytokines and Histopathological Changes in Rats with Pancreatitis**
Caglayan K., Gungor B. B., Cinar H., Avcı B., Gur S., Arslan H. N.
ADVANCES IN CLINICAL AND EXPERIMENTAL MEDICINE, vol.24, no.2, pp.213-218, 2015 (SCI-Expanded)
- LVII. **Effects of asymmetric dimethylarginine on inflammatory cytokines (TNF-alpha, IL-6 and IL-10) in rats**
Avcı B., Alacam H., Dilek A., Kozan A.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.31, no.3, pp.268-273, 2015 (SCI-Expanded)
- LVIII. **The Role Of Bioelectrical Impedance Analysis, Nt-probnp And Inferior Vena Cava Sonography In The Assessment Of Body Fluid Volume In Children With Nephrotic Syndrome**
Nalçacıoğlu H., Ozkaya O., Kafali C., Avcı B., Tekcan Karalı D., Genc G., Baysal K.
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