

Prof. Sedat MEYDAN

Personal Information

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Education Information

Expertise In Medicine, Firat University, School Of Medicine, Department Of Basic Medical Sciences, Turkey 2004 - 2008

Undergraduate, Gaziantep University, School Of Medicine, Turkey 1997 - 2003

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Human Anatomy, Natural Sciences

Academic Titles / Tasks

Professor, Bezmialem Vakıf University, Faculty Of Medicine, Department Of Basic Medical Sciences, 2019 - Continues

Academic and Administrative Experience

Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Bezmialem Vakıf University, Rectorate, 2022 - Continues

Yıl Koordinatörü, Bezmialem Vakıf University, Faculty Of Medicine, Department Of Basic Medical Sciences, 2020 - Continues

Fakülte Yönetim Kurulu Üyesi, Bezmialem Vakıf University, Faculty Of Medicine, Department Of Basic Medical Sciences, 2012 - 2013

Assistant Director of Vocational School, Hatay Mustafa Kemal University, Vocational School, 2009 - 2011

Jury Memberships

Doctorate, Doctorate, İstanbul Medipol Üniversitesi, July, 2022

Associate Professor Exam, Associate Professor Exam, Bezmialem Vakıf University, September, 2021

Associate Professor Exam, Associate Professor Exam, Bezmialem Vakıf Üniversitesi, January, 2021

Associate Professor Exam, Associate Professor Exam, Bezmialem Vakıf University, October, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

I. Could the PON1 phenotype play a key role in insulin resistance?

Sarikaya U., Meydan S., Selek Ş., Sarikaya A., Demirel M., Gül A. Z. , Yildiz T.

INTERNATIONAL JOURNAL OF DIABETES IN DEVELOPING COUNTRIES, vol.42, no.2, pp.1-6, 2022 (Journal Indexed in SCI)

II. Protective effects of caffeic acid phenethyl ester and thymoquinone on toluene induced liver toxicity.

Meydan S., Esrefoglu M., Selek S., Akbas T., Ozturk O., Kurbeth N., Bayındır N., Bulut H., Meral I.
Biotechnic & histochemistry : official publication of the Biological Stain Commission, vol.94, pp.277-282, 2019
(Journal Indexed in SCI)

- III. **Assessment of Auditory Pathways Using Diffusion Tensor Imaging in Patients with Neurofibromatosis Type 1**
MEYDAN S., Aydın S., OTCU H., KİTİŞ S., ALKAN A.
CURRENT MEDICAL IMAGING, vol.15, no.9, pp.890-894, 2019 (Journal Indexed in SCI)
- IV. **Effect of Camellia sinensis, Hypericum perforatum and Urtica dioica on kidney and liver injury induced by carbon tetrachloride in rats**
Caglar H., Selek Ş., Koktasoglu F., Koyuncu I., Demirel M., Sarikaya A., Meydan S.
CELLULAR AND MOLECULAR BIOLOGY, vol.65, no.5, pp.79-86, 2019 (Journal Indexed in SCI)
- V. **Protection with thymoquinone against formaldehyde-induced neurotoxicity in the rats.**
SAYGIN B., Esrefoglu M., Bayindir N., Tok O. E. , Selek S., Bulut H., Ozer O., Ozturk A., Yilmaz O., Meydan S.
Bratislavske lekarske listy, vol.119, pp.726-730, 2018 (Journal Indexed in SCI Expanded)
- VI. **The protective effects of caffeic acid phenethyl ester against toluene-induced nephrotoxicity in rats**
Meydan S., Nacar A., Ozturk H. O. , Tas U., KÖSE E., ZARARSIZ I., Yilmaz N., Kus I.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.32, no.1, pp.15-21, 2016 (Journal Indexed in SCI)
- VII. **Effects of ebselen on ischemia/reperfusion injury in rat brain**
Aras M., Altas M., Meydan S., Nacar E., Karcioglu M., Ulutas K. T. , Serarslan Y.
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.124, no.10, pp.771-776, 2014 (Journal Indexed in SCI)
- VIII. **Effects of tadalafil on ischemia/reperfusion injury in rat brain**
Altas M., Aras M., Meydan S., Nacar E., Ulutas K. T. , Serarslan Y., Yilmaz N.
ACTA NEUROLOGICA BELGICA, vol.114, no.1, pp.33-40, 2014 (Journal Indexed in SCI)
- IX. **Effects of ceftriaxone on ischemia/reperfusion injury in rat brain**
Altas M., Meydan S., Aras M., Yilmaz N., Ulutas K. T. , Okuyan H. M. , Nacar A.
JOURNAL OF CLINICAL NEUROSCIENCE, vol.20, no.3, pp.457-461, 2013 (Journal Indexed in SCI)
- X. **The protective effects of omega-3 fatty acid against toluene-induced neurotoxicity in prefrontal cortex of rats.**
Meydan S., ALTAS M., NACAR A., OZTÜRK O., TAS U., ZARARSIZ I., SARSILMAZ M.
Human & experimental toxicology, vol.31, pp.1179-85, 2012 (Journal Indexed in SCI Expanded)
- XI. **Protective effects of omega-3 essential fatty acids against formaldehyde-induced cerebellar damage in rats**
Zararsiz I., Meydan S., Sarsilmaz M., Songur A., Ozen O. A. , Sogut S.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.27, no.6, pp.489-495, 2011 (Journal Indexed in SCI)
- XII. **Hepatotoxic activity of toluene inhalation and protective role of melatonin**
Tas U., Ogeturk M., Meydan S., Kus I., Kuloglu T., Ilhan N., KÖSE E., Sarsilmaz M.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.27, no.5, pp.465-473, 2011 (Journal Indexed in SCI)
- XIII. **The effect of lavender oil on serum testosterone levels and epididymal sperm characteristics of formaldehyde treated male rats**
KÖSE E., SARSILMAZ M., MEYDAN S., SÖNMEZ M., KUŞ İ., KAVAKLI A.
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.15, no.5, pp.538-542, 2011 (Journal Indexed in SCI)
- XIV. **Effects of testosterone on orchietomy-induced oxidative damage in the rat hippocampus.**
Meydan S., KUS I., TAS U., OGETURK M., SANCAKDAR E., DABAK D., ZARARSIZ I., SARSILMAZ M.
Journal of chemical neuroanatomy, vol.40, pp.281-5, 2010 (Journal Indexed in SCI Expanded)
- XV. **Effects of lemon essential oil aroma on the learning behaviors of rats.**
OGETURK M., KOSE E., SARSILMAZ M., AKPINAR B., KUS I., Meydan S.
Neurosciences (Riyadh, Saudi Arabia), vol.15, pp.292-3, 2010 (Journal Indexed in SCI Expanded)
- XVI. **BENEFICIAL EFFECT OF ERDOSTEINE ON METHOTREXATE-INDUCED TESTICULAR TOXICITY IN MICE**
Oktar S., Gokce A., Aydın M., Davarci M., Meydan S., Ozturk O. H. , Koc A.
EUROPEAN UROLOGY SUPPLEMENTS, vol.9, no.6, pp.614, 2010 (Journal Indexed in SCI)

- XVII. **Beneficial effect of erdosteine on methotrexate-induced testicular toxicity in mice.**
OKTAR S., GÖKÇE A., AYDIN M., DAVARCI M., Meydan S., OZTÜRK O., KOÇ A.
Toxicology and industrial health, vol.26, pp.433-8, 2010 (Journal Indexed in SCI Expanded)
- XVIII. **Salt and Nitric Oxide Synthase Inhibition-Induced Hypertension: Kidney Dysfunction and Brain Anti-Oxidant Capacity**
Oktar S., İlhan S., Meydan S., Aydın M., Yonden Z., Gokce A.
CLINICAL AND EXPERIMENTAL HYPERTENSION, vol.32, no.6, pp.352-357, 2010 (Journal Indexed in SCI)
- XIX. **Poster presentations.**
Aksu F., Topacoglu H., Arman C., Atac A., Tetik S., Hasanovic A., Kulenovic A., Mornjakovic Z., Pikula B., Sarac-Hadzihalilovic A., et al.
Surgical and radiologic anatomy : SRA, pp.95-229, 2009 (Journal Indexed in SCI Expanded)
- XX. **Protective effect of melatonin against formaldehyde-induced kidney damage in rats.**
ZARARSIZ I., SARSILMAZ M., TAS U., KUS I., Meydan S., OZAN E.
Toxicology and industrial health, vol.23, pp.573-9, 2007 (Journal Indexed in SCI Expanded)
- XXI. **Melatonin prevents formaldehyde-induced neurotoxicity in prefrontal cortex of rats: an immunohistochemical and biochemical study.**
ZARARSIZ I., KUS I., OGETURK M., AKPOLAT N., KOSE E., Meydan S., SARSILMAZ M.
Cell biochemistry and function, vol.25, pp.413-8, 2007 (Journal Indexed in SCI Expanded)

Articles Published in Other Journals

- I. **Effects of Nigella sativa on Plasma Oxidative Stress, and Some Apoptotic Protein Markers in Cerebrum and Hippocampus in Pentylentetrazol-Induced Kindling Rats**
Üstünova S., Meral İ., Koçyiğit A., Kılıç A., Üyükü M., Meydan S.
European Journal of Biology, vol.79, no.2, pp.124-131, 2020 (Other Refereed National Journals)
- II. **Protective Effects of Curcumin on Cadmium-Induced Renal Injury in Young and Aged Rats**
Kumas M., Esrefoglu M., Bayindir N., Iraz M., Ayhan S., Meydan S.
BEZMIALEM SCIENCE, vol.4, no.3, pp.92-98, 2016 (Journal Indexed in ESCI)
- III. **Paraoxonase-1 Phenotype and Its Relationship with Mean Platelet Volume and Oxidative Stress in Coronary Artery Disease**
Selek Ş., Özer Ö. F. , Goktekin O., Koçyiğit A., Kalınbacoglu C., Islek I., Islek T., Arpacı B., Erol N., Meydan S., et al.
BEZMIALEM SCIENCE, vol.3, no.2, pp.24-28, 2015 (National Refreed University Journal)
- IV. **Telescopic aortic arch: A new entity in marfan syndrome Teleskopik arkus aorta: Marfan sendromunda yeni bir antite**
Arslan M. M. , AKÇAN R., Zararsiz I., Meydan S.
European Journal of General Medicine, vol.8, no.3, pp.236-239, 2011 (Refereed Journals of Other Institutions)
- V. **Solunum yoluyla formaldehit ve lavanta uygulanan sıçan teslislerinin değerlendirilmesi; bir histolojik çalışma**
KÖSE E., SARSILMAZ M., MEYDAN S., PEKMEZ H., DABAK D. Ö. , KAVAKLI A., ÖGETÜRK M.
Turgut Özal Tıp Merkezi Dergisi (E.A İnönü Üniversitesi Tıp Fakültesi Dergisi), vol.17, no.3, pp.169-173, 2010 (National Refreed University Journal)
- VI. **Body mass and inguinal hernia**
HELVACI M. R. , ÖZKAN O. V. , MEYDAN S., ÇELİK M. M. , ÇELİK S., CEZGİN K.
Endokrinolojide Yönelişler, vol.19, no.1, pp.11-15, 2010 (Other Refereed National Journals)
- VII. **Body mass and umbilical hernia**
HELVACI M. R. , ÖZKAN O. V. , MEYDAN S., ÇELİK S., ERTEKİN F., DİKMEN N.
endokrinolojide yönelişler, vol.19, no.1, pp.16-21, 2010 (Other Refereed National Journals)
- VIII. **Mustafa Kemal Üniversitesi Tayfur Ata Sökmen Tıp Fakültesi Acil Servise Kırık Nedeniyle Başvuran Hastalarda Kırık Dağılımı ve Sıklığı**
ZARARSIZ İ., KAYA E., SAVAŞ N., MEYDAN S., DAVRAN R., TUTANÇ M., DURU M.

FIRAT ÜNİVERSİTESİ SAĞLIK BİLİMLERİ TIP DERGİSİ, vol.23, no.3, pp.155-158, 2009 (International Refereed University Journal)

- IX. **Tolüen solutulan sıçanların karaciğerinde ghrelin ekspresyonu**
TAŞ U., ÖGETÜRK M., MEYDAN S., IRMAK SAPMAZ H., DABAK D. Ö. , KULOĞLU T., SARSILMAZ M.
FIRAT ÜNİVERSİTESİ SAĞLIK BİLİMLERİ TIP DERGİSİ, vol.23, no.3, pp.151-154, 2009 (National Refreed University Journal)
- X. **Body mass and varicocele**
HELVACI M. R. , DAVARCI M., MEYDAN S., İNCİ M., ÇELİK M. M. , AL M.
Endokrinolojide Yönelişler, vol.18, no.6, pp.186-190, 2009 (Other Refereed National Journals)
- XI. **Musculus Brachioradialis'in Bölünmüş Tendonu Arasında Ramus Superficialis Nervi Radialis'in Sıkışması (Wartenberg Sendromu): Nadir Bir Anatomik Varyasyon**
ZARARSIZ İ., ÖGETÜRK M., KÖSE E., MEYDAN S., TAŞ U., KUŞ İ., SARSILMAZ M.
FIRAT TIP DERGİSİ, vol.13, no.2, pp.160-162, 2009 (National Refreed University Journal)
- XII. **Anormal Yerleşimli Sigmoid Kolon Olgusu**
ÖGETÜRK M., TAŞ U., MEYDAN S., KÖSE E., ZARARSIZ İ., KUŞ İ., KAVAKLI A.
Fırat Tıp Dergisi, vol.21, no.2, pp.87-89, 2007 (National Refreed University Journal)

Books & Book Chapters

- I. **Üst ve Alt Hava Yolu Anatomisi**
Meydan S., Özaltay Y. F. , Çakır E. (Editor)
in: Türkiye Klinikleri Çocuk Göğüs Hastalıkları - Özel Konular - Çocuklarda Enfeksiyon Dışı Hava Yolu Hastalıkları, Erkan ÇAKIR, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.1-8, 2022
- II. **Üst ve Alt Hava Yolu Anatomisi**
MEYDAN S., ÖZALTAY Y. F.
in: türkiye klinikleri - Çocuk Göğüs Hastalıkları - Özel Konular - Çocuklarda Enfeksiyon Dışı Hava Yolu Hastalıkları, ÇAKIR ERKAN, Editor, Türkiye klinikleri, Ankara, pp.1-8, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Possible effects of caffeic acid phenethyl ester and thymoquinone against toluene brain injury**
MEYDAN S., EŞREFOĞLU M., SELEK Ş., AKBAŞ TOSUNOĞLU E., öztürk ö., kurbetli n., BAYINDIR N., BULUT H., MERAL İ., SÜSGÜN S., et al.
20th National Congress of Anatomy, İstanbul, Turkey, 27 - 31 August 2019
- II. **Evaluating angles used in diagnosis of pes planus in weighted lateral radiography**
KAVAKLI A., MEYDAN S., KARAKURT L.
10th Congress of European Association of Clinical Anatomy, 2 - 05 September 2009
- III. **Melatonin prevents formaldehyde induced neurotoxicity in prefrontal cortex of rats**
KUŞ İ., ZARARSIZ İ., AKPOLAT N., ÖGETÜRK M., KÖSE E., MEYDAN S., SARSILMAZ M.
4th Asian-Pasific International Congress of Anatomists, 7 - 10 September 2005, vol.1

Activities in Scientific Journals

Bezmiâlem Science, Assistant Editor, 2019 - Continues

Scientific Refereeing

FIRAT TIP DERGİSİ, National Scientific Refreed Journal, April 2022

FIRAT TIP DERGİSİ, National Scientific Refreed Journal, April 2021

BEZMİÂLEM SCİENCE, National Scientific Refreed Journal, September 2017

BEZMİÂLEM SCİENCE, National Scientific Refreed Journal, July 2017

BEZMİÂLEM SCİENCE, National Scientific Refreed Journal, March 2017

Citations

Total Citations (WOS):251

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