

Assoc. Prof. Sibel AKYOL

Personal Information

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Education Information

Doctorate, İstanbul Üniversitesi, Cerrahpaşa Tıp Fakültesi, Fizyoloji Ad, Turkey 1997 - 2004

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Foreign Language, ESL, ENGLISH SECONDER LANGUAGE PROGRAMME, 2005

Education Management and Planning, LUMİNEX TEKNİKLERİ, UNIVERSITY OF LOUISVILLE, 2005

Education Management and Planning, FLOW CYTOMETRY KURSU, DETAM İSTANBUL TIP FAKÜLTESİ ÇAPA -İSTANBUL, 2002

Dissertations

Doctorate, "Gebeliğin erken evresinde gebelik hormonları ve immun sistemin MHC-II ve sIL-2r ile bağıntılı incelenmesi", İstanbul Üniversitesi, Temel Tıp Bilimleri, Fizyoloji Ad, 2002

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Human Physiology, Surgery Medicine Sciences, Eye Diseases and Surgery, Obstetrics and Gynecology, Nervous System Surgery

Academic Titles / Tasks

Associate Professor, İstanbul University, Cerrahpaşa Tıp Fakültesi, Temel Tıp Bilimleri, 2013 - Continues

Professional Experience

Courses

Hücre Membran Fizyolojisi, Associate Degree
Fizyolojide deney teknikleri, Doctorate, 2013 - 2014
Böbrek Fizyolojisi, Doctorate, 2013 - 2014
Bilimsel Araştırma Yöntemleri , Doctorate, 2013 - 2014
Endokrin Sistem FİZYOLOJİSİ, Doctorate, 2013 - 2014
HEMATOLOJİ, Doctorate, 2013 - 2014
Laboratuar Rotasyonu, Post Graduate, 2012 - 2013

Jury Memberships

Expertise In Medicine, Acil Tıp Anabilim Dalı tez değerlendirme jüri üyeliği, İ.Ü.Cerrahpaşa Tıp Fakültesi , March, 2014

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

- I. **Comparative Analysis of NF-kappa B in the MyD88-Mediated Pathway After Implantation of Titanium Alloy and Stainless Steel and the Role of Regulatory T Cells**
Akyol S., Akgun M. Y. , Yetmez M., HANCI M. M. , OKTAR F. N. , Ben-Nissan B.
WORLD NEUROSURGERY, vol.144, 2020 (Journal Indexed in SCI)
- II. **A review: Recent advances in sol-gel-derived hydroxyapatite nanocoatings for clinical applications**
Choi G., Choi A. H. , Evans L. A. , Akyol S., Ben-Nissan B.
JOURNAL OF THE AMERICAN CERAMIC SOCIETY, 2020 (Journal Indexed in SCI)
- III. **The Protective Effects of Thymosin-beta-4 in a Rat Model of Ischemic Acute Kidney Injury**
Aksu U., YAMAN O. M. , Guner I., Güntaş G., SONMEZ F., Tanriverdi G., Eser M., Cakiris A., Akyol S., Seckin I., et al.
JOURNAL OF INVESTIGATIVE SURGERY, 2019 (Journal Indexed in SCI)
- IV. **Morphology, characterization, and conversion of the corals Goniopora spp. and Porites cylindrica to hydroxyapatite**
Akyol S., Nissan B. B. , Karacan I., Yetmez M., Gokce H., Suggett D. J. , Oktar F. N.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.55, no.3, pp.893-901, 2019 (Journal Indexed in SCI)
- V. **Protective Effect of Thymosin 4 against Abdominal Aortic Ischemia-Reperfusion-Induced Acute Lung Injury in Rats**
Yaman O. M. , GÜNER İ., Guntas G., SÖNMEZ O. F. , TANRIVERDİ G., Cakiris A., Aksu U., AKYOL S., Guzel E. E. , UZUN H., et al.
MEDICINA-LITHUANIA, vol.55, no.5, 2019 (Journal Indexed in SCI)
- VI. **Oxidative stress in lymphoid tissues and complement activation in alcoholic mother rats and their newborns**
İnce E., Curabeyoglu F., Akyol S.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.38, no.1, pp.91-100, 2019 (Journal Indexed in SCI)
- VII. **The natural nano-bioceramic powder production from organ pipe red coral (Tubipora musica) by a simple chemical conversion method**
Karacan I., GÜNDÜZ O., Ozyegin L. S. , Gökçe H., Ben-Nissan B., Akyol S., OKTAR F. N.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.54, no.2, pp.317-329, 2018 (Journal Indexed in SCI)
- VIII. **Production of the novel fibrous structure of poly(epsilon-caprolactone)/tri-calcium phosphate/hexagonal boron nitride composites for bone tissue engineering**
Ozbek B., Erdogan B., Ekren N., Oktar F. N. , Akyol S., Ben-Nissan B., Türkoğlu Şaşmazel H., Kalkandelen C., Mergen A., Kuruca S. E. , et al.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.54, pp.251-260, 2018 (Journal Indexed in SCI)
- IX. **Nanobioceramic thin films: Surface modifications and cellular responses on titanium implants**
Choi A. H. , AKYOL S., Bendavid A., Ben-Nissan B.
TITANIUM IN MEDICAL AND DENTAL APPLICATIONS, pp.147-173, 2018 (Journal Indexed in SCI)

- X. **Which is Better: Stainless Steel or Titanium Alloy?**
Akyol S., Bozkus H., Adin Cinar S., Hanci M. M.
TURKISH NEUROSURGERY, vol.28, no.4, pp.630-635, 2018 (Journal Indexed in SCI)
- XI. **Comparative Analysis of Tear Film Levels of Inflammatory Mediators in Contact Lens Users**
Elgin C. Y. , Iskeleli G., Talaz S., Akyol S.
CURRENT EYE RESEARCH, vol.41, no.4, pp.441-447, 2016 (Journal Indexed in SCI)
- XII. **Examination of changes in the immune system in rats exposed to different doses of lithium for a long term period**
MATUR E., DARIYERLİ N., AKYOL S., TOPLAN Ş. S. , ÖZDEMİR S.
FASEB JOURNAL, no.28, pp.1, 2015 (Journal Indexed in SSCI)
- XIII. **Do costimulator pathways change in degenerative disk disease?**
Akyol S., Tanriverdi T., Hanci M.
Neurosurgery Quarterly, vol.24, no.1, pp.75-80, 2014 (Journal Indexed in SCI Expanded)
- XIV. **How Analgesia-Sedation Alters Monocyte mCD14 and HLA-DR Levels in Patients Undergoing Cerebral Angiography?**
Akyol S., Tureci E., Tanriverdi T., Hanci M.
TURKISH NEUROSURGERY, vol.23, no.6, pp.791-795, 2013 (Journal Indexed in SCI)
- XV. **TH1 and TH2 Cytokines Production and NK Cell Level Assessment in Peripheral Blood of Patients with DDH**
Akyol S., Hanci M.
INDIAN JOURNAL OF SURGERY, vol.75, no.4, pp.294-297, 2013 (Journal Indexed in SCI)
- XVI. **Relationship between Lymphocytes, IL2 and the Hormones E2, LH, PRG and FSH in Menopausal and Postmenopausal Women**
Akyol S., Cinar S. A. , Purisa S., Aydinli K.
AMERICAN JOURNAL OF REPRODUCTIVE IMMUNOLOGY, vol.66, no.4, pp.304-309, 2011 (Journal Indexed in SCI)
- XVII. **The Effects of Analgesia-Sedation on the Immune System before and after Cerebral Digital Subtraction Angiography**
Tureci E., Kizilkilic O., Akyol S., Pekel F., Tanriverdi T., Hanci M., Bahar M.
TURKISH NEUROSURGERY, vol.21, no.3, pp.340-346, 2011 (Journal Indexed in SCI)
- XVIII. **Catabolic Cytokine Expressions in Patients with Degenerative Disc Disease**
Akyol S., Eraslan B. S. , Etyemez H., Tanriverdi T., Hanci M.
TURKISH NEUROSURGERY, vol.20, no.4, pp.492-499, 2010 (Journal Indexed in SCI)
- XIX. **HSP-10 in ovarian cancer: Expression and suppression of T-cell signaling**
Akyol S., Gercel-Taylor C., Reynolds L. C. , Taylor D. D.
GYNECOLOGIC ONCOLOGY, vol.101, no.3, pp.481-486, 2006 (Journal Indexed in SCI)
- XX. **Pregnancy-associated exosomes and their modulation of T cell signaling (Retracted article. See vol. 194, pg. 6190, 2015)**
Taylor D., Akyol S., Gercel-Taylor C.
JOURNAL OF IMMUNOLOGY, vol.176, no.3, pp.1534-1542, 2006 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **The effect of titanium (Ti) and titanium 500 (ti 500) implantation on the activation of rat macrophage subgroups**
AKYOL S., Oruc Y., Ben Nissan B.
Revista Cubana de Investigaciones Biomedicas, vol.38, no.5, 2019 (Refereed Journals of Other Institutions)
- II. **The effect of titanium alloy and stainless steel implants on immunological responses by analysis of NF-κB/ p65, NF-κB1/p50 profiles and the tregs**
AKYOL S., HANCI M. M. , Ben-Nissan B.
Revista Cubana de Investigaciones Biomedicas, vol.38, no.5, 2019 (Refereed Journals of Other Institutions)

- III. **Electrohydrodynamic (EHD) Bioprinting of Polycaprolactone Scaffolds**
Altun E., Akyol S., Ekren N., Kılıc O., Gunduz O.
Materials Science Forum, vol.923, pp.93-97, 2018 (Refereed Journals of Other Institutions)
- IV. **The Relationship between NKG2D-Ligand and Anesthesia Before and After Digital Subtraction Angiography**
AKYOL S., TÜRECİ E., HANCI M. M.
Surgery Curr Res, no.5, pp.60, 2015 (Refereed Journals of Other Institutions)
- V. **Gebeliğin farklı evrelerinde NK(CD56) ve IF- γ etkileşimi üzerine farklı dozdaki alkolün etkisi.**
AKYOL S., TUNALI H.
journal of medicine Cerrahpaşa, vol.39, pp.121-127, 2008 (National Refreed University Journal)
- VI. **Etanolün uygulama dozu ve süresine bağlı olarak, alkolik gebelerde immün sistem değişimleri**
AKYOL S., TUNALI H.
Journal of Medicine Cerrahpaşa, vol.36, pp.181-188, 2005 (National Refreed University Journal)
- VII. **Alkolik yapılan gebe sıçan yavrularında NK aktivasyonu ile IL-2, IFN-G ve CD19 etkileşimi.**
AKYOL S., TUNALI H., Kıran B., İlter Ö.
Cerrahpaşa Journal of Medicine, vol.32, pp.43-50, 2001 (National Refreed University Journal)
- VIII. **Toxic effect of ethanol upon antioxidant defens system and immunological parameters in the various tissues of the young rats which are 10 and 30 days old.**
AKYOL S., İNCE E., ULUTİN A. N. T. , TUNALI H.
Journal of Medical Faculty, Osmangazi University, Special Issue for Free Radicals and Antioxidans., vol.1, pp.211-226, 1999 (National Refreed University Journal)

Books & Book Chapters

- I. **TIPTA İNOVASYON VE RENOVASYON MOZAIĞI**
Akyol S.
Berikan Elektronik Basım Yayın, Ankara, 2019
- II. **Production and Characterization of Calcium Phosphates from Marine Structures: The Fundamentals Basics**
Unal S., Gunduz O., Akyol S., Ben-Nissan B., Oktar F. N.
in: Marine-Derived Biomaterials for Tissue Engineering Applications. Springer Series in Biomaterials Science and Engineering,, Choi A., Ben-Nissan B., Editor, Springer, London/Berlin , Singapore, pp.113-135, 2019
- III. **Thoughts and Tribulations on Bioceramics and Marine Structures**
Akyol S.
in: Marine-Derived Biomaterials for Tissue Engineering Applications, Andy H. Choi, Besim Ben-Nissan, Editor, Springer, London/Berlin , Singapore, pp.1-25, 2019
- IV. **Nanobioceramic Thin Films: Surface Modifications and Cellular Responses on Titanium Implants.**
Choi A. H. , AKYOL S., Bendavid A., Ben Nissan B.
in: Titanium for Medical and Dental Applications., Andy H. Choi, Editor, Elsevier, Amsterdam,, pp.225-252, 2017
- V. **Nanostructured Calcium Phosphates for Drug, Gene, DNA, and Protein Delivery and as Anticancer Chemotherapeutic Devices.**
Choi A. H. , Macha I. J. , AKYOL S., Cazalbou S., Ben Nissan B.
in: Clinical Applications of Biomaterials, Gurbinder Kaur, Editor, Springer, London/Berlin , India, pp.227-256, 2017
- VI. **Kas Fizyolojisi**
AKYOL S.
in: Kas iskelet sisteminde Spazm, Prof.Dr.Halil KOYUNCU, Editor, Bilmedya, İstanbul, pp.29-55, 2017
- VII. **Yaşlanma Fizyolojisi ve İmmunolojisi**
AKYOL S.
in: OF (Omurilik Felciyle) Yaşlanmak, Belgin Erhan, Murat Hancı, Editor, Intertip, İzmir, pp.33-106, 2016
- VIII. **Retina Hastalıkları. Retina Embriyogenezi-Fizyolojisi, Muayene yöntemleri, Retina dejerensları**

AKYOL S.

in: Temel Göz Hastalıkları, O'DWYER PA., AKOVA YA., Editor, Güneş Tıp, Ankara, pp.633-653, 2015

IX. Hareket Fizyolojisi

Akyol S.

in: Omurga ve Omurilik Yaralanmaları, Murat Hancı,Belgin Erhan, Editor, İntertıp Yayınevi, İzmir, pp.37-51, 2012

X. Kas ve Tonus Fizyolojisi

Akyol S.

in: Spastisite, Murat Hancı,Belgin Erhan, Editor, Nobel Yayın Dağıtım, İstanbul, pp.17-34, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **İnfrarenal abdominal aorta iskemi-reperfüzyonu ile oluşturulan akut akciğer hasarına karşı timozin beta 4'ün koruyucu etkisi**
YAMAN M. O. , GÜNER İ., SÖNMEZ O. F. , Güntaş G., TANRIVERDİ G., Çakiris A., Aksu U., AKYOL S., GÜZEL MEYDANLI E. E. , UZUN H., et al.
Türkiye Solunum Araştırmaları Derneği (TÜSAD) 40. Ulusal Kongresi, Antalya, Turkey, 13 - 16 October 2018, pp.178
- II. **Effect of temperature, viscosity and surface tension on gelatine structures produced by modified 3D printer**
Kalkandelen C., Ozbek B., Ergul N. M. , Akyol S., Moukbil Y., Oktar F. N. , Ekren N., Kilic O., Kilic B., Gunduz O.
3rd International Conference on Smart Material Research (ICSMR), Melbourne, Australia, 15 - 17 November 2017, vol.293
- III. **The interaction of alcohol with maternal Th1/Th2 during pregnancy.'**
Oruç A., AKYOL S., TUNALI H.
SANKO University Innovation in Medicine Summit-2', Gaziantep, Turkey, 5 - 07 May 2016, pp.24
- IV. **The Relationship between NKG2D-Ligand and anesthesia before and after digital subtraction angiography.**
AKYOL S., HANCI M. M.
Surgery Curr Res 2015, Dubai, United Arab Emirates, 5 - 07 October 2015, vol.5, no.7, pp.60
- V. **Immunologic round: titanium versus stainless steel.**
AKYOL S., bozkus h., HANCI M. M.
Surgery Curr Res 2015, Dubai, United Arab Emirates, 5 - 07 October 2015, vol.5, no.7, pp.89
- VI. **Early immune responses in Type 1 female genital mutilation(FGM).**
AKYOL S., Gezer M.
The American Society for Reproductive Immunology., Kingstom, On,, Canada, 2 - 05 June 2015, vol.73, no.2, pp.71
- VII. **Gebeliğin Farklı Evrelerinde T Regülator (Treg)Hücreler ve Steroidler Arasındaki İlişki**
AKYOL S.
ASRI 35th Annual Meeting, Ontorio, Canada, 2 June - 05 July 2015, pp.13-14
- VIII. **Is there an effect of the mode of delivery on the immune system of the mother and baby?**
AKYOL S., KARATAŞ K.
The American Society for Reproductive Immunology., Kingstom, On,, Canada, 2 - 05 June 2015, vol.73, no.2, pp.72
- IX. **Relationships among complement components, immunoglobulins and progesterone in the first trimester pregnancy.**
DARIYERLİ N., AKYOL S.
1st PanAmerican Congress of Physiological Sciences,, Iguassu Falls, Brazil, 2 - 06 August 2014, vol.56, no.7, pp.316-317
- X. **Relationship of iron supplementantion during pregnancy with the opsonization and complement components.**
AKYOL S., KARATAŞ K., TUNALI H.
34th Annual Meeting of the ASRI, San Diego, United States Of America, 2 - 05 June 2014, vol.71, no.1, pp.31-32

- XI. **Comparative analysis of Th1, Th2 and Th17 cytokine levels in postmenopausal women. The American Society for Reproductive Immunology**
AKYOL S., AYDINLI K.
34th Annual Meeting of the ASRI, Long Beach, NY, Newyork, United States Of America, 2 - 05 June 2014, vol.71, no.1, pp.31
- XII. **Examination of changes in the immune system in rats exposed to different doses of lithium for a long term period**
MATUR E., DARIYERLİ N., AKYOL S., TOPLAN Ş. S. , ÖZDEMİR S.
Experimental Biology 2014, Sandiago, United States Of America, 26 - 30 April 2014, vol.28, no.1, pp.1
- XIII. **Examination of changes in the immune system in rats exposed to different doses of lithium for a long-term period.**
MATUR E., DARIYERLİ N., AKYOL S., TOPLAN Ş. S. , ÖZDEMİR S.
The FASEB Journal (Federation of American Societies for Experimental Biology., San Diego, United States Of America, 26 - 30 April 2014, vol.28, no.1, pp.876-877
- XIV. **The relationship between amniotic fluid and serum cytokines levels with CD146 in women with preterm labor risk**
Akyol S., Karatas K.
Joint International Congress of the American-Society-for-Reproductive-Immunology (ASRI) and the European-Society-for-Reproductive-Immunology (ESRI), Hamburg, Germany, 30 May - 02 June 2012, vol.94, pp.115-116
- XV. **Changing of alcohol-induced oxidative stress and cytokine levels in alcoholic pregnant rats and their offspring**
Akyol S., Erdal I., Turgut U., Halil T.
Joint International Congress of the American-Society-for-Reproductive-Immunology (ASRI) and the European-Society-for-Reproductive-Immunology (ESRI), Hamburg, Germany, 30 May - 02 June 2012, vol.94, pp.119-120
- XVI. **IL-12 and IFN- γ production and NK cell level comparative assessment in dischernia tissues and Peripheral blood .**
AKYOL S., HANCI M. M.
FEPS and Turkish Physiological Society Scientific Congress 2011, İstanbul, Turkey, 3 - 07 September 2011, pp.72-73
- XVII. **Changes of progesterone and the multifarious role of IL-10 during pregnancy and early postpartum.**
AKYOL S., AYDINLI K.
FEPS and Turkish Physiological Society Scientific congress 2011, İstanbul, Turkey, 3 - 07 September 2011, pp.75
- XVIII. **Complement system activation and antioxidant system changes in pregnant rats' offspring treated with gavage ethanol.**
AKYOL S., İNCE E., ULUTİN A. N. T. , TUNALI H.
FEPS and Turkish Physiological Society Scientific Congress 2011, İstanbul, Turkey, 3 - 07 September 2011, pp.76
- XIX. **Relationships between cytokines and hormones during pregnancy and postpartum.**
AKYOL S., AYDINLI K.
The American Society for Reproductive Immunology 31 th Annual Meeting.American Journal of Reproductive Immunology (AJRI), Utah, United States Of America, 19 - 21 May 2011, vol.65, no.1, pp.40-41
- XX. **Comparative analysis of tear film inflammatory cytokines among hydrogel,silicone hydrogel and rigid gas permeable contact lens users**
TALAZ S., İSKELELİ M. G. , AKYOL S.
40 th ECLSO (European Contact Lens Society of Ophthalmologists) European Contact Lens Meeting,, Varşova, Poland, 10 - 11 September 2010, pp.3
- XXI. **The relationship between lymphocyte subgroups and hormones during adolescent, menopausal and post menopausal periods**
AKYOL S., ÇINAR S., PURİSA S., KARATAŞ K., AYDINLI K.
28th Annual Meeting at Congress, Chicago, United States Of America, 1 - 04 September 2010, vol.59, pp.504-505
- XXII. **Influence of alcohol consumption during pregnancy on TH1(TNF- γ , IL-2, IFN- γ) and TH2 (IL-4, IL-10) levels in neonatal and juvenile rats.**

AKYOL S., PURİSA S.

. The American Society for Reproductive Immunology 30th Annual Meeting. American Journal of Reproductive Immunology (AJRI), Pennsylvania Pa, United States Of America, 17 - 20 May 2010, vol.63, no.1, pp.29

XXIII. The relationship between lymphocyte subgroups and hormones during adolescent, menopausal and post-menopausal periods

AKYOL S., ÇINAR S., PURİSA S., KARATAŞ K., AYDINLI K.

28th Annual Meeting at Congress American Society for Reproductive Immunology. American Journal of Reproductive Immunology (AJRI), Chicago, United States Of America, 11 - 14 June 2008, vol.59, no.6, pp.504-505

XXIV. Comparative analysis of T lymphocyte activation and NK cells during menstrual cycle phases and early pregnancy

AKYOL S., PURİSA S., ÇINAR S., ŞAHMAY Ş. S. , YİĞİT G.

28th Annual Meeting at Congress, Chicago, United States Of America, 11 - 14 June 2008, vol.59, pp.504

XXV. Investigation of the relationship between iron deficiency and blood cell volume distribution in pregnant women

ŞİMŞEK G., AKYOL S., Yiğit G.

Meeting of The International Society of Haematology (European and African Division), İstanbul, Turkey, 3 - 08 September 1995, pp.731

Supported Projects

AKYOL S., ORUÇ K. Y. , Project Supported by Higher Education Institutions, TİTANYUM (Ti) VE TİTANYUM 500 (Ti 500) İMPLANTASYONUNUN SIÇAN MAKROFAJ SUB GRUPLARI AKTİVASYONUNA ETKİSİ, 2018 - 2019

AKYOL S., EKREN N., KILIÇ O., ALTUN E., GÜNDÜZ O., Project Supported by Higher Education Institutions, Electrohydrodynamic EHD Bioprinting of Polycaprolactone Scaffolds, 2017 - 2018

AKYOL S., HANCI M. M. , Project Supported by Higher Education Institutions, COMPARATİVE ANALYSIS OF TOLL LIKE RECEPTOR 4 TLR PROFİLES FOLLOWING SUBCUTANEOUS IMPLANTATION OF TITANIUM AND STAINLESS STEEL IN RAT, 2016 - 2017

AKYOL S., Project Supported by Higher Education Institutions, Comparative Analysis of Tear Film Levels of Inflammatory Mediators in Contact Lens Users., 2015 - 2017

AKYOL S., Project Supported by Higher Education Institutions, Gebeligin farkli evrelerinde T regulator (Treg) hücreler ve streoidler arasındaki ilişki, 2015 - 2015

AKYOL S., Project Supported by Higher Education Institutions, Comparative analysis of Th1, Th2 and Th17 cytokine levels in postmenopausal women, 2014 - 2015

GÜNER İ., AKYOL S., YAMAN M. O. , AKSU U., UZUN H., YELMEN N., ŞAHİN E. G. , Project Supported by Higher Education Institutions, Siçanlarda infrarenal abdominal aorta iskemisi/reperfüzyonunun neden olduğu akut akciğer hasarına karşı Timozin β4'ün koruyucu etkisi, 2012 - 2014

AKYOL S., Project Supported by Higher Education Institutions, Catabolic Cytokine Expressions in Patients with Degenerative Disc Disease., 2011 - 2014

AKYOL S., Project Supported by Higher Education Institutions, costumlatır, 2012 - 2012

AKYOL S., Project Supported by Higher Education Institutions, Relationships between cytokines and hormones during pregnancy and postpartum, 2011 - 2011

AKYOL S., Project Supported by Other Official Institutions, . Relationship between Lymphocytes, IL-2 and the Hormones E2, LH, PRG and FSH in Menopausal and Postmenopausal Women., 2010 - 2011

AKYOL S., Project Supported by Higher Education Institutions, ERKEN GEBELİK VE MENSTRUAL SIKLUS SURESİNCE T LENFOSİT AKTİVASYONU VE NK HÜCRELERİNİN KARSILASTIRMALI ANALIZI, 2008 - 2008

AKYOL S., Other Supported Projects, Pregnancy-associated exosomes and their modulation of T cell signaling., 2005 - 2006

AKYOL S., Other Supported Projects, HSP-10' in ovarian cancer: Expression and suppression of T-cell signaling., 2004 - 2005

Edit Congress and Symposium Activities

- ICFCM 2017 2017 2nd International Conference on Frontiers of Composite Materials Melbourne, Australia, Attendee, Melbourne, Australia, 2017
- Gebeliğin Farklı Evrelerinde T Regulator (Treg) Hücreler ve Steroidler Arasındaki İlişki, Attendee, Canada, 2015
- Relationship of iron supplementantation during pregnancy with the opsonization and complement components., Attendee, Long Beach, NY, United States Of America, 2014
- Examination of changes in the immune system in rats exposed to different doses of lithium for a long-term period., Attendee, Long Beach, US, United States Of America, 2014
- Changing of alcohol-induced oxidative stress and cytokine levels in alcoholic pregnant rats and their offspring., Attendee, Hamburg, Germany, 2012
- The relationship between amniotic fluid and serum cytokines levels with CD146 in women with preterm labor risk, Attendee, Hamburg, Germany, 2012
- Changes of progesterone and the multifarious role of IL-10 during pregnancy and early postpartum., Attendee, İstanbul, Turkey, 2011
- IL-12 and IFN- γ production and NK cell level comparative assessment in disc hernia tissue and peripheral blood ., Attendee, İstanbul, Turkey, 2011
- Complement system activation and antioxidant system changes in pregnant rats' offspring treated with gavage ethanol., Attendee, İstanbul, Turkey, 2011
- Relationships between cytokines and hormones during pregnancy and postpartum., Attendee, Salt Lake City, Utah, , United States Of America, 2011
- Comparative analysis of tear film inflammatory cytokines among hydrogel, silicone hydrogel and rigid gas permeable contact lens users., Attendee, Warsaw, , Poland, 2010
- Influence of alcohol consumption during pregnancy on TH1(TNF- α , IL-2, IFN- γ) and TH2 (IL-4, IL-10) levels in neonatal and juvenile rats., Attendee, Pennsylvania, United States Of America, 2010
- NK, Lymphocyte and cytokine levels in alcohol fed pregnant rats., Attendee, Orlando, FL, United States Of America, 2009
- Comparative analysis of T lymphocyte activation and NK cells during menstrual cycle phases and early pregnancy., Attendee, Chicago, IL, Turkey, 2008
- The relationship between lymphocyte subgroups and hormones during adolescent, menopausal and post-menopausal periods., Attendee, Chicago, IL, , United States Of America, 2008
- Peripheral immune profiles during menstrual cycles., Attendee, Sydney, Australia, 2007
- Modulation of T cell signaling in ovarian cancer by HSP- 10., Attendee, Louisville, United States Of America, 2005
- Pregnancy mediated alterations in Natural Killer signalling pathways., Attendee, Rhode Island , United States Of America, 2005
- Complement system activation in pregnant rats treated with ethanol in high doses and their offspring., Attendee, ATHENS, Greece, 2001
- The study of neutrophil phagocytic activity related to iron status in pregnancy., Attendee, ATHENS, Greece, 2001
- Küçükçekmece gölünde değişik atıkların karıştığı yerden alınan su örneklerinin mikrobiyolojik ve kimyasal yönden incelenmesi., Attendee, Alma-Ata , Kazakhstan, 1993

Citations

Total Citations (WOS):330

h-index (WOS):5

Awards

Akyol S., En iyi 2. Genç Araştırmacı Ödülü, 38. Ulusal Fizyolojik Bilimler Kongresi, June 2012

Akyol S., En iyi 2. Genç Araştırmacı, 14. Türk Fizyolojik Bilimler Derneği Kongresi, September 1996