

Prof. BAŐAK KAYHAN

Personal Information

Email: basakkayhan@anadolu.edu.tr

Web: <https://avesis.anadolu.edu.tr/basakkayhan>

International Researcher IDs

ORCID: 0000-0003-3508-2563

Publons / Web Of Science ResearcherID: ABH-9314-2020

ScopusID: 50123456789

Yoksis Researcher ID: 41809

Education Information

Doctorate, Gazi University, Saęlık Bilimleri Enstitüsü, İmmünoloji (Dr), Turkey 1998 - 2001

Postgraduate, Gazi University, Saęlık Bilimleri Enstitüsü, Mikrobiyoloji (YI) (Tezli), Turkey 1995 - 1998

Undergraduate, Hacettepe University, Fen Fakóltesi, Biyoloji Bölümü, Turkey 1991 - 1995

Dissertations

Doctorate, Epitop maskelenmesi yöntemi ile immün yanıtın yönlendirilmesinde IgG ve Fab etkinlięinin karşılaştırılması, Gazi University, Saęlık Bilimleri Enstitüsü, İmmünoloji (Dr), 2001

Postgraduate, İnsan serumlarında difteri antitoksin düzeyinin kantitatif bioassay yöntem ile ölçülmesi, Gazi University, Saęlık Bilimleri Enstitüsü, Mikrobiyoloji (YI) (Tezli), 1998

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences

Academic Titles / Tasks

Professor, Anadolu University, ECZACILIK FAKÖLTESİ, TEMEL ECZACILIK BİLİMLERİ BÖLÜMÜ, 2022 - Continues

Professor, Inonu University, Tıp Fakóltesi, Temel Tıp Bilimleri, 2014 - 2022

Associate Professor, Inonu University, Tıp Fakóltesi, Temel Tıp Bilimleri, 2009 - 2014

Associate Professor, Zonguldak Bülent Ecevit University, Tıp Fakóltesi, Temel Tıp Bilimleri Bölümü, 2008 - 2009

Lecturer, Zonguldak Bülent Ecevit University, Tıp Fakóltesi, Temel Tıp Bilimleri Bölümü, 2007 - 2008

Expert PhD, Trudeau Institute, Trudeau Institute, Immunology, 2004 - 2007

Expert, The Weizmann Institute of Science, Immunology, 2001 - 2004

Research Assistant, Gazi University, Saęlık Bilimleri Enstitüsü, İmmünoloji Anabilim Dalı, 2000 - 2001

Courses

REGULATION OF GENE EXPRESSION, Undergraduate, 2017 - 2018, 2016 - 2017

OTOİMMÜNİTE, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

TRANSPLANTASYON İMMÜNOLOJİSİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

TEMEL MİKROBİYOLOJİ, Postgraduate, 2017 - 2018

HÜCRESEL İMMÜN TEKNİKLER, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

TIBBİ BİYOLOJİ, Doctorate, 2017 - 2018, 2016 - 2017, 2015 - 2016

HUMORAL İMMÜN TEKNİKLER, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

GENOMİK STRUCTURE, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

Living Organisms and Ecosystem, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

EPIGENETIC and EPIGENETIC MECHANISMS, Undergraduate, 2017 - 2018, 2016 - 2017

LENFOSİT GELİŞİMİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

TRANSCRIPTION AND TRANSCRIPTION FACTORS, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

CELL CYCLE AND CELL DIVISION, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

REPLICATION, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

TIBBİ BİYOLOJİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

CELL AND CELL CONCEPT, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

TEMEL İMMÜNOLOJİ, Postgraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016

IDENTIFICATION OF CELL AND CELL STRUCTURE, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

TEMEL İMMÜNOLOJİ, Undergraduate, 2017 - 2018

IMMUNOGENETİK, Undergraduate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010

INTRACELLULAR SIGNAL TRANSDUCTION PATHWAYS, Undergraduate, 2017 - 2018

İMMÜN TEKNİKLER, Undergraduate, 2016 - 2017, 2008 - 2009

MICROSCOPY AND IDENTIFICATION OF CELL STRUCTURE, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

MOLEKÜLER BİYOLOJİ, Postgraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013

MOLECULAR GENETIC TECHNIQUES, Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011

Hücre Sinyal İletimi, Doctorate, 2010 - 2011

CELL ORGANELLES, Undergraduate, 2010 - 2011, 2009 - 2010

Antijen İşlenmesi, Undergraduate, 2008 - 2009

Aşılama, Undergraduate, 2008 - 2009

Kompleman Sistemi, Undergraduate, 2008 - 2009, 2007 - 2008

Tip 2 Aşırı Duyarlılık Reaksiyonları, Undergraduate, 2008 - 2009, 2007 - 2008

Tip 3 Aşırı Duyarlılık Reaksiyonları, Undergraduate, 2008 - 2009

Tip 1 Aşırı Duyarlılık Reaksiyonları, Undergraduate, 2008 - 2009, 2007 - 2008

Sitokinler, Undergraduate, 2008 - 2009, 2007 - 2008

Toll-benzeri reseptörler, Undergraduate, 2008 - 2009, 2007 - 2008

İmmünooglobulinler, Undergraduate, 2008 - 2009, 2007 - 2008

Antijen Sunulması, Undergraduate, 2008 - 2009

Tip 4 Aşırı Duyarlılık Reaksiyonları, Undergraduate, 2008 - 2009, 2007 - 2008

Viral Patojenlere KARŞI İmmün Yanıt, Undergraduate, 2008 - 2009

T-hücre gelişimi, Undergraduate, 2008 - 2009

Kemokinler, Undergraduate, 2008 - 2009

B-hücre gelişimi, Undergraduate, 2008 - 2009

Otoimmünite, Undergraduate, 2007 - 2008

Tip 3 Aşırı Duyarlılık Reaksiyonları, Undergraduate, 2007 - 2008

Advising Theses

- BAŞAK K., Karaciğer transplantasyonu hastalarının operasyon öncesi ve sonrasında, inflamatuvar ve anti-inflamatuvar gen ifadelerinin incelenmesi, Doctorate, G.KARACA(Student), 2022
- BAŞAK K., Kronik karaciğer fibrozu oluşturulan genç ve yaşlı farelerde inflamatuvar ve anti-inflamatuvar sitokin genlerinin ifade edilme düzeyinin araştırılması, Doctorate, Z.METE(Student), 2020
- BAŞAK K., Kronik karaciğer fibrozunda sistemik immün yanıtın yönlendirilmesi, Postgraduate, E.CANPOLAT(Student), 2019
- BAŞAK K., Karaciğer fibrozu esnasında lipoksin a4'ün karaciğer hücre rejenerasyonu ve immün yanıt üzerine etkisinin araştırılması, Doctorate, E.LATİFE(Student), 2017
- BAŞAK K., Akut brusellozda bazı inflamazom genlerinin ifade edilme düzeyinin araştırılması, Postgraduate, G.ALAMAN(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Chronic liver fibrosis induction in aging causes significant ultra-structural deterioration in liver and alteration on immune response gene expressions in liver-spleen axis**
Karaca Z. M., Karaca G., Kayhan B., Gül M., Ersan V., Gözükara Bağ H., Yeşilada E.
Ultrastructural Pathology, vol.48, no.4, pp.261-273, 2024 (SCI-Expanded)
- II. **Is hepatitis-B immunization effective during chronic liver fibrosis? Investigation of secretory and cellular immune responses on an experimental model.**
Kayhan B., Karaca M., Canpolat E., Ersan V., Gül M., Yoloğlu S., Yılmaz S.
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.14, pp.1-12, 2022 (SCI-Expanded)
- III. **Neuroprotective effects of the new Na channel blocker rs100642 in global ischemic brain injury**
Kamışlı S., Başaran C., Batcıoğlu K., Öztanır M. N., Gül M., Satılmış B., Uyumlu A. B., Kayhan B., Genç M. F.
Archives of Medical Science, vol.15, no.2, pp.467-474, 2019 (SCI-Expanded)
- IV. **A bioactive product lipoxin A4 attenuates liver fibrosis in an experimental model by regulating immune response and modulating the expression of regeneration genes**
Kurtoğlu E. L., Kayhan B., Gül M., Kayhan B., Kayhan M. A., Karaca Z. M., Yeşilada E., Yılmaz S.
Turkish Journal of Gastroenterology, vol.30, no.8, pp.745-757, 2019 (SCI-Expanded)
- V. **Effects of reciprocal interactions between various dietary fats and circadian phases on postprandial hyperlipidemia in rats**
Satılmış B., Kayhan B., Güldür T.
Biological Rhythm Research, vol.49, no.1, pp.77-91, 2018 (SCI-Expanded)
- VI. **The effect of exercise induced weight-loss on myokines and adipokines in overweight sedentary females: Steps-aerobics vs. jogging-walking exercises**
Düzova H., Gullu E., Cicek G., Koksall B. K., Kayhan B., Gullu A., Şahin İ.
Journal of Sports Medicine and Physical Fitness, vol.58, no.3, pp.295-308, 2018 (SCI-Expanded)
- VII. **Effects of interactions between various fats and active/passive phases on postprandial inflammation in rats**
Otlu H. G., Kayhan B., Güldür T.
Biological Rhythm Research, vol.47, no.1, pp.111-121, 2016 (SCI-Expanded)
- VIII. **Histopathological, ultrastructural and apoptotic changes in diabetic rat placenta**
Gül M., Bayat N., Çetin A., Kepekçi R. A., Şimşek Y., Kayhan B., Turhan U., Otlu A.
Balkan Medical Journal, vol.32, no.3, pp.296-302, 2015 (SCI-Expanded)
- IX. **Histological and biochemical effects of dexmedetomidine on liver during an inflammatory bowel disease**

GÜL M., Kayhan B., Elbe H., Dogan Z., Otlu A.

Ultrastructural Pathology, vol.39, no.1, pp.6-12, 2015 (SCI-Expanded)

- X. **Immune response in the liver under conditions of infection, malignancy, and transplantation.**
Kayhan B., Ozdamar S. O., Padberg W., Kayabas U., Aharoni R., Mirshahidi S.
Journal of immunology research, vol.2014, pp.709126, 2014 (SCI-Expanded)
- XI. **Dexmedetomidine ameliorates TNBS-induced colitis by inducing immunomodulator effect**
Erdogan Kayhan G., Gul M., Kayhan B., Gedik E., Ozgul U., Kurtoglu E. L., Durmus M., Ersoy M. Ö.
Journal of Surgical Research, vol.183, no.2, pp.733-741, 2013 (SCI-Expanded)
- XII. **HLA-A, -B, -DRB1 allele and haplotype frequencies and comparison with blood group antigens in dialysis patients in the East Anatolia region of Turkey**
Kayhan B., Kurtoglu E., Taskapan H., Piskin T., Şahin İ., Otlu G., Unal B.
Transplantation Proceedings, vol.45, no.6, pp.2123-2128, 2013 (SCI-Expanded)
- XIII. **A kidney transplant center's initial experiences in eastern Turkey**
Piskin T., Unal B., Koz S., Ulutas O., Yagmur J., Beytur A., Kayhan B., Taskapan H., Sahin I., Baysal T.
Transplantation Proceedings, vol.44, no.6, pp.1685-1689, 2012 (SCI-Expanded)
- XIV. **The effect of atorvastatin and its role on systemic cytokine network in treatment of acute experimental colitis**
Aktunç E., Kayhan B., Araslı M., Doğan Gün B., Barut F.
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.33, no.4, pp.667-674, 2011 (SCI-Expanded)
- XV. **Analysis of peripheral blood lymphocyte phenotypes and Th1/Th2 cytokines profile in the systemic immune responses of Helicobacter pylori infected individuals**
Kayhan B., Araslı M., Eren H., Aydemir S., Kayhan B., Aktas E., Tekin I.
Microbiology and Immunology, vol.52, no.11, pp.531-538, 2008 (SCI-Expanded)
- XVI. **A replication-deficient murine γ -herpesvirus blocked in late viral gene expression can establish latency and elicit protective cellular immunity**
Kayhan B., Yager E. J., Lanzer K., Cookenham T., Jia Q., Wu T., Woodland D. L., Sun R., Blackman M. A.
Journal of Immunology, vol.179, no.12, pp.8392-8402, 2007 (SCI-Expanded)
- XVII. **Immunomodulatory therapeutic effect of glatiramer acetate on several murine models of inflammatory bowel disease**
Aharoni R., Kayhan B., Brenner O., Domev H., Labunskay G., Arnon R.
Journal of Pharmacology and Experimental Therapeutics, vol.318, no.1, pp.68-78, 2006 (SCI-Expanded)
- XVIII. **Infection of dendritic cells by a γ 2-herpesvirus induces functional modulation**
Flaño E., Kayhan B., Woodland D. L., Blackman M. A.
Journal of Immunology, vol.175, no.5, pp.3225-3234, 2005 (SCI-Expanded)
- XIX. **Therapeutic effect of the immunomodulator glatiramer acetate on trinitrobenzene sulfonic acid-induced experimental colitis**
Aharoni R., Kayhan B., Arnon R.
Inflammatory Bowel Diseases, vol.11, no.2, pp.106-115, 2005 (SCI-Expanded)
- XX. **Fc-dependent monoclonal IgG1-mediated suppression of antibody response**
Kayhan B., AYBAY C.
Immunological Investigations, vol.33, no.4, pp.367-383, 2004 (SCI-Expanded)
- XXI. **A DNA aptamer prevents influenza infection by blocking the receptor binding region of the viral hemagglutinin**
Sung H. J., Kayhan B., Ben-Yedidia T., Arnon R.
Journal of Biological Chemistry, vol.279, no.46, pp.48410-48419, 2004 (SCI-Expanded)
- XXII. **Glatiramer acetate-specific T cells in the brain express T helper 2/3 cytokines and brain-derived neurotrophic factor in situ**
Aharoni R., Kayhan B., Eilam R., Sela M., Arnon R.
Proceedings of the National Academy of Sciences of the United States of America, vol.100, no.SUPPL. 2, pp.14157-14162, 2003 (SCI-Expanded)
- XXIII. **Glatiramer acetate (Copaxone®) regulates nitric oxide and related cytokine secretion in**

experimental autoimmune encephalomyelitis

Kayhan B., Aharoni R., Arnon R.

Immunology Letters, vol.88, no.3, pp.185-192, 2003 (SCI-Expanded)

XXIV. Effect of mucosal immunomodulation with fed cholera toxin on healing of experimental colonic anastomosis

Kaplan M., Bülent Menteş B., Tathcıođlu E., Kayhan B., Aybay C.

Diseases of the Colon and Rectum, vol.45, no.6, pp.819-825, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **The expression levels of genes involved in JNK signaling decrease by aging in the liver**
Karaca Z. M., Karaca G., Kayhan B., Kayhan Kuştepe E., Gül M.
Annals of Medical Research, vol.29, no.4, pp.357-362, 2022 (Peer-Reviewed Journal)
- II. **Influence of Lipoxin-A4 Treatment on Cytokine, Chemokine Genes Expression, and Phenotypic Distribution of Lymphocyte Subsets During Experimental Liver Fibrosis**
Karaca Z. M., Kurtođlu E. L., Gül M., Kayhan B.
Euroasian J Med., vol.54, no.1, pp.27-35, 2022 (ESCI)
- III. **False negative results in luminex panel reactive antibody identification assay: Should we be alert on them?**
Karaca Z. M., Ersan V., Kayhan B., Yılmaz S.
Annals of Medical Research, vol.28, no.3, pp.471-475, 2021 (Peer-Reviewed Journal)
- IV. **The relationship between caspase-1 related inflammasome expression and serum inflammatory cytokine levels during acute brucellosis.**
Karaca G., Karaca Z. M., Kayhan B., Bayındır Y., Kayabaş Ü., Altunışık Toplu S., Elmasdağ Ş., Önalın E., Yeşilada E.
NORTHERN CLINICS OF ISTANBUL = ISTANBUL KUZEY KLİNİKLERİ, vol.6, no.2, pp.117-123, 2018 (ESCI)
- V. **Dexmedetomidine improves ultrastructural view of renal damage and biochemical parameters during an experimental inflammatory bowel disease**
Erdođan Kayhan G., Kayhan B., Gül M., Karaca Z. M.
Medicine Science, no.0, pp.594, 2018 (Peer-Reviewed Journal)
- VI. **Solid Organ Transplant Alıcılarında Transplantasyon Öncesi Hazırlık ve Tanı Yöntemleri: Solid Organ Transplantasyonu İmmünolojisi**
Kayhan B.
Türkiye Klinikleri Enfeksiyon Hastalıkları, vol.10, no.2, pp.162-172, 2017 (Peer-Reviewed Journal)
- VII. **Mystery of Immune Response in Relapsed Brucellosis Immunophenotyping and Multiple Cytokine Analysis**
Kayhan B., Kayabaş Ü., Kolgelier S., Otlı B., Gül M., Kurtođlu E. L., Bayındır Y.
Mediterranean Journal of Infection Microbes and Antimicrobials, vol.5, no.2, 2016 (Peer-Reviewed Journal)
- VIII. **Merkezi Sinir Sisteminde İmmün Yanıt**
Kayhan B., Gül M.
Türkiye Klinikleri Nöroşirürji, vol.6, no.1, pp.1-7, 2016 (Peer-Reviewed Journal)
- IX. **Acute Renal Failure Caused by Blunt Trauma in a Kidney Transplant Recipient**
Ünal B., Kayabaş Ü., Taşkapan H., Pişkin T., Baysal T., Kayhan B.
Medicine Science, vol.5, pp.1, 2016 (Peer-Reviewed Journal)
- X. **Diyaliz Hastalarında Panel Reaktif Antikor Düzeyinin Tespiti İki Yöntem ve İki Analizin Karşılaştırılması**
Kurtođlu E. L., Şahin İ., Taşkapan H., Yeşilada E., Kayhan B.
İnönü Üniversitesi Sağlık Bilimleri Dergisi, vol.4, no.1, pp.22-25, 2015 (Peer-Reviewed Journal)
- XI. **Tüberkülozda Korunma ve Bağışıklık**
Bayındır Y., Kayhan B.
Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.4, no.2, pp.94-106, 2011 (Peer-Reviewed Journal)

- XII. **Can serum pancreatic elastase-1 be safe method for acute pancreatitis in emergency department?**
Kayhan B., Kayhan B., Özaslan E., Özer D.
Akademik Gastroenteroloji Dergisi, vol.5, no.2, pp.100-104, 2006 (Peer-Reviewed Journal)
- XIII. **The combined use of dimethyl sulfoxide with chemotherapeutics on bladder cell culture**
Sözen S., Yaman Ö., Oğuzülgen İ., Kayhan B., Tuncel A., Alkibay T., Bozkırlı İ.
GAZI MEDICAL JOURNAL, vol.12, no.2, pp.41-44, 2001 (Scopus)

Books & Book Chapters

- I. **Meslek Hastalıkları/Klinik İmmünoloji**
KAYHAN B.
in: İş ve Çevre Hekimliği, Prof.Dr. Çağatya GÜLER, Editor, Palme, New York, pp.208-245, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Canlı Vericili Karaciğer Naklinde Antikor Aracılı Rejeksiyon Ve Anti-HLA İncelemenin Gerekliliği: Erken Donem Sonuçlar**
KOCAASLAN H., ŞAHİN T. T., AKBULUT A. S., KAYHAN B., IŞIK B., YILMAZ S.
XIV. TONKKD Transplantasyon Kongresi, İskele, Cyprus (Kktc), 13 - 15 October 2022, pp.64
- II. **TRANSPLANTE KARACİĞER ALLOGREFTİNİN POSTOPERATİF ABDOMİNAL SEPSİSE YANITI: YENİ KARACİĞER İÇİN İMTİHAN**
ŞAHİN E., SATILMIŞ B., OTAN E., AYDIN C., ŞAHİN T. T., KARADAĞ SOYLU N., GÜL M., KAYHAN B., YILMAZ S.
XIV. TONKKD Transplantasyon Kongresi, Gazimagusa, Cyprus (Kktc), 13 October 2022, pp.43
- III. **Dendritik Hücreler**
KAYHAN B.
Uluslararası Katılımlı Türk Romatoloji Kongresi, Antalya, Turkey, 17 - 22 May 2022
- IV. **Effects of Noopept on Oxidative Stress Related Parameters in the Streptozotocin-Induced Diabetes Model**
GÜRBÜZ P., DÜZOVA H., KAYHAN B., ÇİĞ B., NAZİROĞLU M., AKATLI A. N.
Turkish Society of Physiological Sciences, 46th National Physiology Congress, Turkey, 8 - 10 October 2021, vol.234, pp.54
- V. **İmmün Tolerans**
KAYHAN B.
Karaciğer Nakli İmmünolojisi Sempozyumu ve 3. İmmünsupresif Protokoller Kursu, Malatya, Turkey, 20 - 21 December 2019
- VI. **Akım Sitometrinin Cerrahi Bilimlerde Kullanımı ve Akım Sitometride Yenilikler**
KAYHAN B.
10. Cerrahi Araştırma Kongresi, Malatya, Turkey, 13 - 14 December 2019
- VII. **Transplantasyon İmmünolojisi**
KAYHAN B.
Organ Nakli ve Xenotransplantasyon, Malatya, Turkey, 6 - 07 April 2019
- VIII. **Transplantasyon İmmünolojisinde Genel Kavramlar**
KAYHAN B.
II.Transplantasyon İmmünolojisi ve İmmünsupresif Protokoller Kursu, Turkey, 14 - 15 December 2018
- IX. **İmmün Sistem ve Mikrobiyota**
KAYHAN B.
Mikrobiyota temeli 5. Ulusal Öğrenci KONGresi, Turkey, 27 - 29 April 2018
- X. **İnflamatuvar Barsak Hastalığı Kaynaklı Renal Hasara Deksmetomidin'xxin Etkisi: Deneysel Model Üzerinde Ultrastrüktürel ve Biyokimyasal Analiz**

ERDOĞAN KAYHAN G., KAYHAN B., GÜL M.

1. Gastrointestinal Araştırma Kongresi, Turkey, 10 March 2018

- XI. **Attenuation of Antibody Response and Elevation of CD4(+)CD25(+)Foxp3(+) Treg cell Frequency During Chronic Liver Fibrosis**
CANPOLAT E., KARACA Z. M., KAYHAN B., KAYHAN B., BAYINDIR Y., YILMAZ S.
HEPATOLOGY, Washington, Kiribati, 20 - 24 October 2017, vol.66, pp.687
- XII. **Lipoxin A(4) Improves Ultrastructural View of Liver and Reduces Expression Levels of MKK4 and TGF-beta During Thioacetamide (TAA) Induced Fibrosis**
KURTOĞLU E. L., KAYHAN B., GÜL M., KAYHAN B., AKDOĞAN KAYHAN M., YILMAZ S.
HEPATOLOGY, Washington, Kiribati, 20 - 24 October 2017, vol.66, pp.222-223
- XIII. **Attenuation of Antibody Response and Elevation of CD4(+)CD25(+)Foxp3(+) Treg cell Frequency During Chronic Liver Fibrosis**
Canpolat E., Karaca Z. M., Kayhan B., Kayhan B., Bayındır Y., Yılmaz S.
68th Annual Meeting of the American-Association-for-the-Study-of-Liver-Diseases (AASLD) / Liver Meeting, Washington, United States Of America, 20 - 24 October 2017, vol.66, pp.687
- XIV. **Kolistin Nefrotoksitesisi Üzerine Ankaferd Etkisinin Değerlendirilmesi**
BAYINDIR Y., GÜL M., KAYHAN B., OTLU B., KAYABAŞ Ü., IŞIK B., YOLOĞLU S.
TÜRKİYE ekmud KONGRESİ, Antalya, Turkey, 11 - 15 May 2016
- XV. **Expression levels of inflammasome genes and Caspase 1 during acute brucellosis**
KARACA G., KAYHAN B., TOPLU S., KAYABAŞ Ü., ELMASDAĞ Ş., OTLU B., BAYINDIR Y.
3rd Molecular Immunology and Immunogenetics (MIMIC 2016), Antalya, Turkey, 27 - 30 April 2016, vol.4, pp.33-34
- XVI. **A DNA aptamer binds to hCD3 T lymphocytes and granulocytes but does not bind to hCD19 B lymphocytes**
Kayhan B., Kurtoğlu E. L.
3rd Molecular Immunology and Immunogenetics (MIMIC 2016), Antalya, Turkey, 27 - 30 April 2016, vol.4, pp.34
- XVII. **Effects of reciprocal interactions between various dietary fats and circadian phases on postprandial hyperlipidemia in rats**
Satılmış B., Kayhan B., Güldür T.
40th Congress of the Federation-of-European-Biochemical-Societies (FEBS) - The Biochemical Basis of Life, Berlin, Germany, 4 - 09 July 2015, vol.282, pp.8
- XVIII. **HLA DQ2 DQ8 genotypes in patients prediagnosed as celiac disease**
Kurtoğlu E. L., Gulbay G., Yeşilada E., Kayhan B., Tekedereli İ.
5. International Congress of Molecular Medicine, İzmir, Turkey, 20 - 22 May 2015, pp.74
- XIX. **HLA B27 frequency in patients prediagnosed as ankylosing spondylitis in Malatya A retrospective study**
Kurtoğlu E. L., Gulbay G., Yeşilada E., Kayhan B., Tekedereli İ.
5. International Congress of Molecular Medicine, İzmir, Turkey, 20 - 22 May 2015, pp.73
- XX. **Aptamers: Racing with Antibodies**
KAYHAN B.
International Science and Technology Conference, 28 - 30 October 2010
- XXI. **Therapeutic effect of the immunomodulator. Glatiramer acetate on dextran sulfate sodium-induced experimental colitis**
Aharoni R., Kayhan B., Arnon R.
Digestive Disease Week/107th Annual Meeting of the American-Gastroenterological-Association, California, United States Of America, 19 - 24 May 2006, vol.130, pp.342-343
- XXII. **Therapeutic effect of TV-5010 on dextran sulfate sodium - Induced experimental**
Aharoni R., Kayhan B., Arnon R.
Digestive Disease Week/107th Annual Meeting of the American-Gastroenterological-Association, California, United States Of America, 19 - 24 May 2006, vol.130, pp.347-348
- XXIII. **Secretion of brain-derived neurotrophic factor (BDNF), interleukin 10 and transforming growth**

factor beta by glatiramer acetate specific T-cells in the brain

Aharon R., Kayhan B., Sela M., Arnon R.

56th Annual Meeting of the American-Academy-of-Neurology, California, United States Of America, 24 April - 01 May 2004, vol.62, pp.111

Patent

Kayhan B., KARACIĞER FİBROZUNUN TEDAVİSİNDE LİPOKSİN A4 KULLANIMI, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2016 13166 , Standard Registration, 2019

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Congress and Symposium Activities

2. Uluslararası Katılımlı Mikrobiyota ve Probiyotik Kongresi, Invited Speaker, İstanbul, Turkey, 2022

Uluslararası Katılımlı Türk Romatoloji Kongresi, Invited Speaker, Antalya, Turkey, 2022

Karaciğer Nakli İmmünolojisi Sempozyumu ve 3. İmmüsupresif Protokoller Kursu, Invited Speaker, Malatya, Turkey, 2019

10. Cerrahi Araştırma Kongresi, Invited Speaker, Malatya, Turkey, 2019

II.Transplantasyon İmmünolojisi Sempozyumu ve İmmüsupresif Protokoller Kursu, Invited Speaker, Malatya, Turkey, 2018

Mikrobiyota temeli 5. Ulusal Öğrenci KONGresi, Invited Speaker, Malatya, Turkey, 2018