

Prof. AYŞE BAŞAK ENGİN

Personal Information

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Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, İmmünoloji (Dr), Turkey 2011 - 2015

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr), Turkey 2006 - 2008

Post Graduate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (YI) (Tezli), Turkey 1999 - 2002

Under Graduate, Hacettepe University, Eczacılık Fakültesi, Eczacılık Pr., Turkey 1995 - 1999

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, C1Q ve kompleman düzenleyici protein CD59'xxun hiperglisemi koşullarında SH-SY5Y hücre canlılığı üzerine etkisinin araştırılması, Gazi University, Sağlık Bilimleri Enstitüsü, İmmünoloji (Dr), 2015

Doctorate, Gastrointestinal adenokarsinomaları ile bazı dna onarım genleri arasındaki ilişkinin araştırılması, Gazi University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (Dr), 2008

Post Graduate, MESLEKİ NEDENLE BAZI KSENOBİYOTİKLERE MARUZİYETİ BELİRLEYİCİ BİYOMARKÖRLER, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmasötik Toksikoloji (YI) (Tezli), 2002

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2018 - Continues

Associate Professor, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2013 - 2018

Research Assistant, Gazi University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2007 - 2013

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1999 - 2006

Courses

FTO-1080- Ksenobiyotikler ve Oksidatif Stres, Post Graduate, 2016 - 2017, 2017 - 2018

FTO-2090 İmmünotoksikoloji, Post Graduate, 2016 - 2017, 2017 - 2018

UYG937 Mezuniyet Projesi I Uygulama, Under Graduate, 2017 - 2018

FTO3060-Nutrigenomiks, Post Graduate, 2017 - 2018

Immunoloji - IMJ211, Under Graduate, 2017 - 2018
UYG938 Araştırma Projesi II Uygulama, Under Graduate, 2017 - 2018
DAN SBE Yüksek Lisans Danışmanlığı, Post Graduate, 2017 - 2018
ECZ5991 Mezuniyet Projesi II Uygulama, Under Graduate, 2017 - 2018
UYG938 Araştırma Projesi II, Under Graduate, 2017 - 2018
Prj 938 Araştırma Projesi I, Under Graduate, 2017 - 2018
Seminer - 1002, Post Graduate, 2017 - 2018
Prj 938 Araştırma Projesi II, Under Graduate, 2017 - 2018
UYG938 Araştırma Projesi I Uygulama, Under Graduate, 2017 - 2018
FTO409 Farmasötik Toksikoloji (Dönemde 5 saat), Under Graduate, 2017 - 2018
ECZ5091 Mezuniyet Projesi II, Under Graduate, 2017 - 2018
IMJ 211 İmmünoloji, Under Graduate, 2016 - 2017

Advising Theses

ENGİN A. B. , Oxidative Stress And Serum Complement Protein Levels Of Diabetic Patients With Gallbladder Stone, Post Graduate, G.ÇEBER(Student), 2017

ENGİN A. B. , The Effect Of Metformin And Caffeine On Mercury-Induced Neuronal Cell Death, Post Graduate, D.KARAKISA(Student), 2015

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

- I. **The effect of environmental pollution on immune evasion checkpoints of SARS-CoV-2**
ENGİN A. B. , ENGİN E. D. , ENGİN A.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.81, 2021 (Journal Indexed in SCI)
- II. **The effect of environmental Bisphenol A exposure on breast cancer associated with obesity**
ENGİN A. B. , ENGİN A.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.81, 2021 (Journal Indexed in SCI)
- III. **Dual function of sialic acid in gastrointestinal SARS-CoV-2 infection**
ENGİN A. B. , ENGİN E. D. , Engin A.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.79, 2020 (Journal Indexed in SCI)
- IV. **Two important controversial risk factors in SARS-CoV-2 infection: Obesity and smoking**
ENGİN A. B. , ENGİN E. D. , Engin A.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.78, 2020 (Journal Indexed in SCI)
- V. **A Review of the Alleged Health Hazards of Monosodium Glutamate**
Zanfirescu A., Ungurianu A., Tsatsakis A. M. , Nitulescu G. M. , Kouretas D., Veskoukis A., Tsoukalas D., ENGİN A. B. ,
Aschner M., Margina D.
COMPREHENSIVE REVIEWS IN FOOD SCIENCE AND FOOD SAFETY, vol.18, no.4, pp.1111-1134, 2019 (Journal Indexed in SCI)
- VI. **The blood-brain barrier and beyond: Nano-based neuropharmacology and the role of extracellular matrix**
Henrich-Noack P., Nikitovic D., Neagu M., Docea A. O. , ENGİN A. B. , Gelperina S., Shtilman M., Mitsias P., Tzanakakis G., Gozes I., et al.
NANOMEDICINE-NANOTECHNOLOGY BIOLOGY AND MEDICINE, vol.17, pp.359-379, 2019 (Journal Indexed in SCI)
- VII. **The effect of adipocyte-macrophage crosstalk in obesity-related breast cancer**
ENGİN A. B. , Engin A., İŞİK GÖNÜL İ.
JOURNAL OF MOLECULAR ENDOCRINOLOGY, vol.62, no.3, 2019 (Journal Indexed in SCI)
- VIII. **DNA damage checkpoint response to aflatoxin B1**
ENGİN A. B. , Engin A.

ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.65, pp.90-96, 2019 (Journal Indexed in SCI)

- IX. **Nanoparticles and neurotoxicity: Dual response of glutamatergic receptors**
ENGİN A. B. , Engin A.
NANONEUROPROTECTION AND NANONEUROTOXICOLOGY, vol.245, pp.281-303, 2019 (Journal Indexed in SCI)
- X. **Nanoantibiotics: A Novel Rational Approach to Antibiotic Resistant Infections**
ENGİN A. B. , Engin A.
CURRENT DRUG METABOLISM, vol.20, no.9, pp.720-741, 2019 (Journal Indexed in SCI)
- XI. **Chemical-induced contact allergy: from mechanistic understanding to risk prevention**
Corsini E., ENGİN A. B. , Neagu M., Galbiati V., Nikitovic D., Tzanakakis G., Tsatsakis A. M.
ARCHIVES OF TOXICOLOGY, vol.92, no.10, pp.3031-3050, 2018 (Journal Indexed in SCI)
- XII. **Do flavanols-rich natural products relieve obesity-related insulin resistance?**
ENGİN A. B. , Tsatsakis A. M. , Tsoukalas D., Engin A.
FOOD AND CHEMICAL TOXICOLOGY, vol.112, pp.157-167, 2018 (Journal Indexed in SCI)
- XIII. **Impact of glutamine on the effect of neopterin in methyl mercury-exposed neurons**
ENGİN E. D. , ENGİN A. B.
PTERIDINES, vol.29, no.1, pp.104-113, 2018 (Journal Indexed in SCI)
- XIV. **Perioperative mortality prediction using POSSUM in patients with gastrointestinal tumors: Do immunological variables affect individual predictive mortality risk?**
Engin A., ENGİN A. B. , KURUKAHVECİOĞLU O., SEPİCİ DİNÇEL A.
PTERIDINES, vol.29, no.1, pp.114-123, 2018 (Journal Indexed in SCI)
- XV. **N-Methyl-D aspartate receptor-mediated effect on glucose transporter-3 levels of high glucose exposed-SH-SY5Y dopaminergic neurons**
ENGİN A. B. , ENGİN E. D. , KARAKUŞ R., Aral A., GÜLBAHAR Ö., Engin A.
FOOD AND CHEMICAL TOXICOLOGY, vol.109, pp.465-471, 2017 (Journal Indexed in SCI)
- XVI. **Serum neopterin concentrations and tryptophan degradation pattern in patients with late stage larynx carcinoma**
ENGİN A. B. , GÜNAYDIN R. Ö. , Kesikli S. A. , Fuchs D., Hosal A. S.
PTERIDINES, vol.28, no.2, pp.91-95, 2017 (Journal Indexed in SCI)
- XVII. **The immunotoxicological pattern of subchronic and chronic benzene exposure in rats**
Karaulov A. V. , Mikhaylova I. V. , Smolyagin A. I. , Boev V. M. , Kalogeraki A., Tsatsakis A. M. , ENGİN A. B.
TOXICOLOGY LETTERS, vol.275, pp.1-5, 2017 (Journal Indexed in SCI)
- XVIII. **Mechanistic understanding of nanoparticles' interactions with extracellular matrix: the cell and immune system**
ENGİN A. B. , Nikitovic D., Neagu M., Henrich-Noack P., Docea A. O. , Shtilman M. I. , Golokhvast K., Tsatsakis A. M.
PARTICLE AND FIBRE TOXICOLOGY, vol.14, 2017 (Journal Indexed in SCI)
- XIX. **Glutamate-mediated effects of caffeine and interferon-gamma on mercury-induced toxicity**
ENGİN A. B. , ENGİN E. D. , Golokhvast K., Spandidos D. A. , Tsatsakis A. M.
INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, vol.39, no.5, pp.1215-1223, 2017 (Journal Indexed in SCI)
- XX. **Oral application of carbon nanofibers in rats increases blood concentration of IL6 and IL10 and decreases locomotor activity**
Sayapina N. V. , Batalova T. A. , Sergievich A. A. , Shtarbergb M. A. , Borodin E. A. , Khoroshikh P. P. , Chaika V. V. , Kodintsev V. V. , Vedyagin A. A. , Mishakov I. V. , et al.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.50, pp.183-191, 2017 (Journal Indexed in SCI)
- XXI. **Protein bio-corona: critical issue in immune nanotoxicology**
Neagu M., Piperigkou Z., Karamanou K., ENGİN A. B. , Docea A. O. , Constantin C., Negrei C., Nikitovic D., Tsatsakis A.
ARCHIVES OF TOXICOLOGY, vol.91, no.3, pp.1031-1048, 2017 (Journal Indexed in SCI)
- XXII. **Basophil mediated pro-allergic inflammation in vehicle-emitted particles exposure**
Zakharenko A. M. , ENGİN A. B. , Chernyshev V. V. , Chaika V. V. , Ugay S. M. , Rezaee R., Karimi G., Drozd V. A. , Nikitina A. V. , Solomennik S. F. , et al.
ENVIRONMENTAL RESEARCH, vol.152, pp.308-314, 2017 (Journal Indexed in SCI)
- XXIII. **Circulating IL-6 and neopterin concentrations link cell-mediated immunity and tumor stage in**

patients with gastro-intestinal adenocarcinoma: relevance to the pituitary-adrenal axis and pituitary-thyroid axis

ENGİN A. B. , Engin A., SEPİCİ DİNÇEL A., KURUKAHVECİOĞLU O.

PTERIDINES, vol.27, pp.17-25, 2016 (Journal Indexed in SCI)

- XXIV. **Emerging aspects of nanotoxicology in health and disease: From agriculture and food sector to cancer therapeutics**
Piperigkou Z., Karamanou K., ENGİN A. B. , Gialeli C., Docea A. O. , Vynios D. H. , Pavao M. S. G. , Golokhvast K. S. , Shtilman M. I. , Argiris A., et al.
FOOD AND CHEMICAL TOXICOLOGY, vol.91, pp.42-57, 2016 (Journal Indexed in SCI)
- XXV. **Relationship between indoleamine 2,3-dioxygenase activity and lymphatic invasion propensity of colorectal carcinoma**
Engin A., IŞIK GÖNÜL İ., ENGİN A. B. , KARAMERCAN A., SEPİCİ DİNÇEL A., DURSUN A.
WORLD JOURNAL OF GASTROENTEROLOGY, vol.22, no.13, pp.3592-3601, 2016 (Journal Indexed in SCI)
- XXVI. **NANOPARTICLES AND ENDOTHELIUM: AN UPDATE ON THE TOXICOLOGICAL INTERACTIONS**
ENGİN A. B. , Neagu M., Golokhvast K., Tsatsakis A.
FARMACIA, vol.63, no.6, pp.792-804, 2015 (Journal Indexed in SCI)
- XXVII. **Late-stage systemic immune effectors in Plasmodium berghei ANKA infection: biopterin and oxidative stress**
DOĞRUMAN AL F., ENGİN A. B. , BUKAN N., Evirgen-Bostanci S., Ceber K.
PTERIDINES, vol.26, no.3, pp.105-112, 2015 (Journal Indexed in SCI)
- XXVIII. **Helicobacter pylori and serum kynurenine-tryptophan ratio in patients with colorectal cancer**
ENGİN A. B. , KARAHALİL B., Karakaya A. E. , Engin A.
WORLD JOURNAL OF GASTROENTEROLOGY, vol.21, no.12, pp.3636-3643, 2015 (Journal Indexed in SCI)
- XXIX. **Evaluation of Tryptophan Metabolism in Chronic Immune Activation**
ENGİN A. B.
TRYPTOPHAN METABOLISM: IMPLICATIONS FOR BIOLOGICAL PROCESSES, HEALTH AND DISEASE, pp.121-145, 2015 (Journal Indexed in SCI)
- XXX. **Tryptophan Metabolism: Implications for Biological Processes, Health and Disease Preface**
Engin A., ENGİN A. B.
TRYPTOPHAN METABOLISM: IMPLICATIONS FOR BIOLOGICAL PROCESSES, HEALTH AND DISEASE, 2015 (Journal Indexed in SCI)
- XXXI. **Indoleamine 2,3-Dioxygenase-Competent Regulatory Dendritic Cells and Their Role in Alloimmune Regulation and Transplant Immune Tolerance**
Engin A., ENGİN A. B.
TRYPTOPHAN METABOLISM: IMPLICATIONS FOR BIOLOGICAL PROCESSES, HEALTH AND DISEASE, pp.335-360, 2015 (Journal Indexed in SCI)
- XXXII. **Night Shifts and Melatonin: Relevance to Age and Breast Cancer**
Engin A., ENGİN A. B.
TRYPTOPHAN METABOLISM: IMPLICATIONS FOR BIOLOGICAL PROCESSES, HEALTH AND DISEASE, pp.269-289, 2015 (Journal Indexed in SCI)
- XXXIII. **Tryptophan and Cell Death**
Engin A., ENGİN A. B.
TRYPTOPHAN METABOLISM: IMPLICATIONS FOR BIOLOGICAL PROCESSES, HEALTH AND DISEASE, pp.31-54, 2015 (Journal Indexed in SCI)
- XXXIV. **Could 8-oxoguanine DNA glycosylase 1 Ser326Cys polymorphism be a biomarker of susceptibility in cancer?**
KARAHALİL B., ENGİN A. B. , Coskun E.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.30, no.9, pp.814-825, 2014 (Journal Indexed in SCI)
- XXXV. **Effect of N-acetyl cysteine, Neopterin and Dexamethasone on the Viability of Titanium dioxide Nanoparticles Exposed Cell Lines**
ENGİN A. B. , ENGİN E. D. , KARAHALİL B.

- PTERIDINES, vol.23, no.4, pp.111-122, 2012 (Journal Indexed in SCI)
- XXXVI. **Oxidative stress and tryptophan degradation pattern of acute *Toxoplasma gondii* infection in mice**
ENGİN A. B. , DOĞRUMAN AL F., Ercin U., Celebi B., Babur C., BUKAN N.
PARASITOLOGY RESEARCH, vol.111, no.4, pp.1725-1730, 2012 (Journal Indexed in SCI)
- XXXVII. **Oxidative stress-induced endothelial cell damage in thyroidectomized rat**
ENGİN A. B. , SEPİCİ DİNÇEL A., IŞIK GÖNÜL İ., Engin A.
EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY, vol.64, no.5, pp.481-485, 2012 (Journal Indexed in SCI)
- XXXVIII. **Effect of butylated hydroxytoluene (E321) pretreatment versus L-arginine on liver injury after sub-lethal dose of endotoxin administration**
ENGİN A. B. , BUKAN N., Kurukahuecioglu O., Memis L., Engin A.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.32, no.3, pp.457-464, 2011 (Journal Indexed in SCI)
- XXXIX. **DNA repair enzyme polymorphisms and oxidative stress in a Turkish population with gastric carcinoma**
ENGİN A. B. , KARAHALİL B., Engin A., Karakaya A. E.
MOLECULAR BIOLOGY REPORTS, vol.38, no.8, pp.5379-5386, 2011 (Journal Indexed in SCI)
- XL. **ASSOCIATION BETWEEN XRCC1 ARG399GLN AND P53 ARG72PRO POLYMORPHISMS AND THE RISK OF GASTRIC AND COLORECTAL CANCER IN TURKISH POPULATION**
ENGİN A. B. , KARAHALİL B., Karakaya A. E. , Engin A.
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.62, no.3, pp.207-214, 2011 (Journal Indexed in SCI)
- XLI. **Human papilloma virus persistence and neopterin, folate and homocysteine levels in cervical dysplasias**
Abike F., ENGİN A. B. , Dunder I., Tapisiz O. L. , Aslan C., Kutluay L.
ARCHIVES OF GYNECOLOGY AND OBSTETRICS, vol.284, no.1, pp.209-214, 2011 (Journal Indexed in SCI)
- XLII. **Exposure to *Helicobacter pylori* and Serum Kynurenine to Tryptophan Ratio in Patients with Gastric Cancer**
ENGİN A. B. , KARAHALİL B., Karakaya A. E. , Engin A.
PTERIDINES, vol.21, no.4, pp.110-120, 2010 (Journal Indexed in SCI)
- XLIII. **Oxidative Stress, *Helicobacter pylori*, and OGG1 Ser326Cys, XPC Lys939Gln, and XPD Lys751Gln Polymorphisms in a Turkish Population with Colorectal Carcinoma**
ENGİN A. B. , KARAHALİL B., Engin A., Karakaya A. E.
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.14, no.4, pp.559-564, 2010 (Journal Indexed in SCI)
- XLIV. **Influence of surgical trauma on neopterin concentrations in gastric carcinoma patients**
ENGİN A. B. , Engin A., SEPİCİ DİNÇEL A.
TUMORI, vol.96, no.4, pp.589-593, 2010 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Diverse Responses of Neurons and Monocytes to Titanium Dioxide Nanoparticle Exposure**
ENGİN A. B. , ENGİN E. D.
TURKISH JOURNAL OF IMMUNOLOGY, vol.7, no.1, pp.40-49, 2019 (Journal Indexed in ESCI)
- II. **The impact of immunotoxicity in evaluation of the nanomaterials safety**
ENGİN A. B. , Hayes W.
Toxicology Research and Application, vol.2, 2018 (Refereed Journals of Other Institutions)
- III. **Evaluation of JWA and XRCC1 expressions in gastric cancer**
ENGİN A. B.
Translational Gastric Cancer, vol.2, no.1, pp.94-97, 2013 (Refereed Journals of Other Institutions)
- IV. **Nutrigenomik Kişiselleştirilmiş Diyet**
ENGİN A. B. , KADIOĞLU E.
Gıda Güvenliği Dergisi, vol.3, no.1, pp.36-38, 2009 (Other Refereed National Journals)

- V. **Neopterin profile to evaluate the effectiveness of treatment in aggressive periodontitis**
BODUR A., BAYDAR T., ÖZMERİÇ KURTULUŞ N., ENGİN A. B. , URAZ A., EREN K., ŞAHİN G.
Pteridines, vol.14, no.3, pp.77-81, 2003 (Refereed Journals of Other Institutions)
- VI. **Changes in dihydropteridine reductase DHPR activity**
ENGİN A. B. , Tüzün D., Şahin G.
Chemistry and biology of pteridines and folates, pp.329-334, 2002 (Refereed Journals of Other Institutions)
- VII. **Determination of neopterin levels in gingival crevicular fluid GCF**
ENGİN A. B. , Baydar T., Özmeriç N., Bodur A., Uraz A., Eren K., Şahin G.
Chemistry and biology of pteridines and folates, vol.1, pp.383-386, 2002 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Chapter 9: Nanoparticles and neurotoxicity: Dual response of glutamatergic receptors**
ENGİN A. B. , ENGİN A.
in: Progress in Brain Research, Hari S. Sharma, Dafin Muresanu, Aruna Sharma, Editor, Elsevier, pp.281-303, 2019
- II. **Chapter 22: The Interactions Between Kynurenine, Folate, Methionine and Pteridine Pathways in Obesity**
ENGİN A. B. , ENGİN A.
in: Obesity and Lipotoxicity, Ayşe Başak ENGİN, Atilla ENGİN, Editor, Springer International Publishing, Switzerland, pp.511-528, 2017
- III. **Chapter 21: MicroRNA and Adipogenesis**
ENGİN A. B.
in: Obesity and Lipotoxicity, Ayşe Başak ENGİN, Atilla ENGİN, Editor, Springer International Publishing, Switzerland, pp.489-510, 2017
- IV. **Chapter 8: What Is Lipotoxicity?**
ENGİN A. B.
in: Obesity and Lipotoxicity, Ayşe Başak ENGİN, Atilla ENGİN, Editor, Advances in experimental medicine and biology, pp.197-220, 2017
- V. **Chapter 14: Adipocyte-Macrophage Cross-Talk in Obesity**
ENGİN A. B.
in: Obesity and Lipotoxicity, Ayşe Başak ENGİN, Atilla ENGİN, Editor, Springer International Publishing, Switzerland, pp.327-344, 2017
- VI. **Dermakozmetik/kozmesötik ürünlerin güvenliği**
KARAHALİL B., ENGİN A. B.
in: Dermakozmetik Kozmesötik Madde ve ürünler, E. Yasemin Yazan, Editor, Nobel tıp kitabevleri, İstanbul, pp.183-202, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Tek parçacık ICP-MS ile nanoparçacık karakterizasyonu ve miktar tayini**
ERTAŞ N., ENGİN A. B. , ALP O.
Ulusal Spektroskopik Kongresi, Turkey, 7 - 08 November 2019
- II. **Sequential link between the neuronal death and high glucose-oligomeric amyloid beta toxicities**
ENGİN A. B. , ENGİN E. D. , GÜLBAHAR Ö., ARAL L. A. , ENGİN A.
10th Immunotoxicology and chemical allergy speciality section (EUROTOX-ITCASS) face to face meeting, Milan, Italy, 16 - 17 September 2019
- III. **Indoleamine 2,3-dioxygenase-1 signalling response of the patients with chronic calculous cholecystitis**
ENGİN A. B. , ENGİN E. D. , IŞIK GÖNÜL İ., ENGİN A.

38th International Winter-Workshop on Clinical, Chemical and Biochemical Aspects of Pteridines, Innsbruck, Austria, 26 February - 01 March 2019

- IV. **The double-hit toxicity of obstructive jaundice on liver**
ENGİN A. B. , ENGİN A., MEMİŞ L., BUKAN N.
SOT 58th Annual Meeting ToxExpo, Baltimore, United States Of America, 10 - 14 March 2019
- V. **Nanoantibiotics: A new therapeutic strategy for bacterial infections**
ENGİN A. B.
9th International Conference on Nanotoxicology, 18 - 21 September 2018
- VI. **Glial cell culture**
ENGİN A. B.
Neuroscience Graduate Summer Workshop, Ankara, Turkey, 28 - 29 June 2018
- VII. **NEURONS: NMDA receptor mediated neuronal damage**
ENGİN A. B.
Neuroscience Graduate Summer Workshop, 25 June - 27 May 2018
- VIII. **NMDA, AMPA and adenosine receptors mediated effects of methylmercury on dopaminergic neurons**
ENGİN A. B.
Swedish Toxicology Sciences Research Center, Swetox-Seminer, Södertälje, Sweden, 22 May 2018
- IX. **C1q-CD59 Response of SH-SY5Y Cells in Insulin Resistance State**
ENGİN A. B. , Engin A., KARAKUŞ R.
SOT 55th Annual Meeting ToxExpo, United States Of America, 11 - 15 March 2018, pp.497
- X. **Immunotoxicological effects of exhaust emitted particles**
ENGİN A. B.
Seminer, Stokolm, Sweden, 25 May - 25 February 2018
- XI. **Hücre Kültüründe Hipoksinin ve Hipotermik Önşartlamanın Glial Demir Homeostazı ve Demir Taşıyıcı Proteinler Üzerine Etkileri**
ARAL L. A. , PINAR L., belen h., ERGÜN M. A. , ENGİN A. B. , BÖRCEK A. Ö.
Ulusal Sinirbilim Kongresi, Turkey, 7 - 10 May 2017
- XII. **Hücre Kültüründe Hipoksinin ve Hipotermik Önşartlamanın Glial Demir Homeostazı ve Demir Taşıyıcı Proteinler Üzerine Etkileri**
ARAL L. A. , PINAR L., BELEN H. B. , ERGÜN M. A. , ENGİN A. B. , BÖRCEK A. Ö.
Ulusal Sinirbilim Kongresi, Turkey, 7 - 10 May 2017
- XIII. **Effect of kynurenic acid on N-Methyl-D Aspartate Receptor-coupled glucose transporter-3 in SH-SY5Y dopaminergic neurons exposed to high glucose**
ENGİN A. B. , ENGİN E. D. , ARAL L. A. , GÜLBAHAR Ö., ENGİN A.
36th International Winter-Workshop on Clinical, Chemical and Biochemical Aspects of Pteridines, Innsbruck, Austria, 21 - 24 February 2017, vol.28, pp.40
- XIV. **Aspartate Receptor blockade by Kyurenic Acid on high glucose and insulin exposed SH-SY5Y human neuroblastoma cells.**
ENGİN A. B. , ENGİN E. D. , ARAL L. A. , GÜLBAHAR Ö., ENGİN A.
SOT 55th Annual Meeting ToxExpo, Baltimore, United States Of America, 12 - 16 March 2017
- XV. **the effect of NMDA receptor blockade by kyurenic acid on high glucose and insulin -exposed SH-SY5Y human neuroblastoma cells**
ENGİN A. B. , ENGİN E. D. , ARAL L. A. , GÜLBAHAR Ö., engin a.
SOT 2017, 12 - 16 March 2017
- XVI. **Natural products and their mechanisms of ameliorating high fat diet-induced insulin resistance: Immunological aspects**
ENGİN A. B.
Expertise implementation in biomedical research by knowledge transfer to private companies in order to validate products and services in medical biotechnologies and health, Bükreş, Romania, 6 - 07 March 2017
- XVII. **Immunotoxicological aspects of vehicle emitted exhaust particles exposure**
ENGİN A. B. , Zakharenko A., Tsatsakis A., Golokhvast K.

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- XVIII. **Basophil mediated chronic allergic inflammation in vehicle emitted particles exposure**
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