

Prof. BELMA ASLIM

Personal Information

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International Researcher IDs

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ScopusID: 55892978400

Yoksis Researcher ID: 4391

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), Turkey 1990 - 1994

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (Yl) (Tezli), Turkey 1986 - 1990

Undergraduate, Hacettepe University, Fen Fakültesi, Biyoloji Bölümü, Turkey 1982 - 1986

Dissertations

Doctorate, Lactobacillus bulgaricus ve stepcoccus thermophilus bakterilerinin metabolik ve antimikrobiyal aktiviteleri üzerine bazı fiziksel ve kimyasal mutagenlerin etkisi, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 1994

Postgraduate, Diploid çok yıllık çavdar (secale montanum guss.) tetraploid çok yıllık çavdar elde edilmesi imkanları ve bu bitkilerde mitoz, mayoz kromozomlar ile bazı morfolojik özelliklerin mukayese, Gazi University, Fen Bilimleri Enstitüsü, Biyoloji (Yl) (Tezli), 1990

Research Areas

Life Sciences, Biotechnology, Plant Biotechnology, Environmental Biotechnology, Industrial Biotechnology, Microbial Biotechnology, Bacteriology, Immunology, Molecular Biology and Genetics, Moleculer Biology of Cancer, Neurobiology, Natural Sciences

Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Biyoloji, 2004 - Continues

Associate Professor, Gazi University, Fen Fakültesi, Biyoloji, 1998 - 2004

Researcher, Wisconsin Üniversitesi, Wisconsin University, Biyoteknoloji, 2000 - 2001

Expert, Gazi University, Fen Fakültesi, Biyoloji, 1988 - 1998

Academic and Administrative Experience

Biyomalzeme İhtisas Alanı Üniversite Temsilcisi, Gazi University, Fen Fakültesi, Biyoloji, 2021 - Continues
Gazi University, Fen Fakültesi, Biyoloji Bölümü, 2020 - Continues
Toplumsal Katkı Komitesi Başkanlığı, Gazi University, Fen Fakültesi, Biyoloji, 2022 - 2023
Vice Dean, Gazi University, Fen Fakültesi, 2020 - 2022
Fen Fakültesi Özel Gereksinimli Öğrenci Destek Komitesi Sorumlu Dekan Yardımcısı , Gazi University, Fen Fakültesi, Biyoloji, 2020 - 2022
Fen Fakültesi Kalite Çalışma Ekibi ve Çalışma Grupları Sorumlusu , Gazi University, Fen Fakültesi, Biyoloji, 2020 - 2022
Fen Fakültesi Akreditasyon Komisyonu Sorumlusu , Gazi University, Fen Fakültesi, Biyoloji, 2020 - 2022
Fen Fakültesi Kariyer Gelişimi ve Danışmanlığı Komitesi Başkanı , Gazi University, Fen Fakültesi, Biyoloji, 2020 - 2022
Fen Fakültesi Sosyal ve Kültürel Etkinlikler Komitesi Başkanı, Gazi University, Fen Fakültesi, Biyoloji, 2020 - 2022
Head of Department, Gazi University, Fen Fakültesi, Biyoloji Bölümü, 2014 - 2018
Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Gazi University, Fen Fakültesi, Biyoloji, 2012 - 2013
Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Gazi University, Rektörlük, 2008 - 2013
BAP Scientific Commissioner, Gazi University, Rektörlük, 2008 - 2012
Doktora Yeterlilik Komisyon Üyeliği , Gazi University, Fen Bilimleri Enstitüsü, 2006 - 2012
Fen-Edebiyat Fakültesi, Uzmanlar Grubu Başkanlığı, Gazi University, Fen Fakültesi, 2008 - 2010

Courses

Viroloji, Undergraduate, 2020 - 2021
Çevre Mikrobiyolojisi, Postgraduate, 2019 - 2020
Probiyotik Teknolojisi, Undergraduate, 2020 - 2021
Hücresel ve Moleküler İmmünoloji, Postgraduate, 2020 - 2021
Nanobiyoteknoloji, Undergraduate, 2019 - 2020
Biyoteknolojik Analiz Programları, Undergraduate, 2019 - 2020
Biyoteknolojide Kullanılan Teknikler, Postgraduate, 2019 - 2020
Biyoteknoloji, Undergraduate, 2019 - 2020
Çevre Biyoteknolojisi, Undergraduate, 2019 - 2020
İleri Bakteri Genetiği, Postgraduate, 2019 - 2020
Bakteri Genetiği, Undergraduate, 2019 - 2020
Enzim Biyoteknolojisi, Undergraduate, 2019 - 2020
Biyoteknoloji Laboratuvarı, Undergraduate, 2018 - 2019
Bakteri Metabolizması, Postgraduate, 2016 - 2017

Advising Theses

Aslım B., Paraprobiyotik Yüklü Selenyum Nanopartiküllerinin (SeNP) Alzheimer Hastalığı (AH) Hücre Modelindeki Biyolojik Etkinliklerinin Araştırılması, Postgraduate, B.Akyürek(Student), Continues
Aslım B., Investigation of the mechanism of action of microbial-derived β -glucan and Exopolysaccharide (EPS) combinations on wound healing and evaluation as immunomodulatory Biomaterial, Postgraduate, M.Abanuzoğlu(Student), Continues
Aslım B., Lactobacillus delbrueckii ssp. bulgaricus B3 bakterisinin ekzopolisakkaritlerinin Parkinson hücre modelinde etkisinin araştırılması ve biyomalzeme eldesi, Postgraduate, E.Bakkaloğlu(Student), Continues
Aslım B., Investigation of the effect of hybrid system developed with isoquinoline alkaloid and biopolymer on autophagic death pathway in relation to endoplasmic reticulum (ER) stress and mammalian rapamycin target signaling pathway (mTOR) in cervical cancer, Postgraduate, M.Sena(Student), Continues
Aslım B., Investigation of the effects of Glaucium grandiflorum Boiss. & A. Huet subsp. refractum (Nábělek) Mory alkaloid extracts on calcium homeostasis, mitogen activated protein kinase and neural death pathways, Doctorate, S.NİĞDELİOĞLU(Student), 2023

- Aslim B., THE ROLE OF PROBIOTIC GENERATED PARAPROBIOTIC AND POSTBIOTIC IN WOUND HEALING AND THE MECHANISM OF MOLECULAR INFLAMMATORY, Postgraduate, M.İÇİN(Student), 2023
- Aslim B., Investigating wound healing properties of Exopolysaccharide (EPS) produced by the potential probiotic Lactobacillus plantarum GD2, Postgraduate, A.DEMİR(Student), 2022
- Aslim B., IN-VITRO AND IN-SILICO INVESTIGATION OF THE PROTECTIVE EFFICACY OF ALLOCRYPTOPINE, AN ISOQUINOLINE ALKALOID, AGAINST OXIDATIVE STRESS-INDUCED NEURAL DAMAGE AND ITS POTENTIAL TO BE A DRUG ACTIVE INGREDIENT, Postgraduate, S.SETENAY(Student), 2022
- Aslim B., Öztürk Ş., The Determination Of The Effect Of Stress Conditions On Lipid Productivity And Triacylglycerol (Tag) Content In Some Microalgae Species At The Gene Expression Level And The Investigation Of Biodiesel Quality Associated With The Fatty Acid Profile, Doctorate, E.ERSOY(Student), 2021
- Aslim B., Investigation Of Neuroprotective Effects Of Probiotic Derived Exopolysaccharides In Alzheimer'S Disease Model Generated İn Sh-Sy5y Neuroblastoma Cells With Amyloid Beta 1-42, Doctorate, S.ŞİRİN(Student), 2021
- Aslim B., Isolation And Characterization Of Bioactive Bacterial Pigments And Their Applications As Alternative Medicine, Postgraduate, M.TUNCA(Student), 2019
- Aslim B., Investigating Prebiotic Effects Of Metabolic Filtrate And Exopolysaccharides Of Chicken Intestine Originated High Exopolysaccharide Producing, Postgraduate, İ.DİNÇER(Student), 2019
- Aslim B., Investigating The Prebiotic Potential Of Exopolysaccharides Obtained From Chicken Intestine Originated Lactobacilli By Determining Their Characterization, Antibiofilm, Anti-Quorum Sensing, And Adhesion Effects, Postgraduate, S.BİKRIÇ(Student), 2019
- Aslim B., Investigation Of Biological Activities And Dna Interactions Of Newly Synthesized Asymmetric Dümne Schiff Base As A Potential Dna-Targeted Anticancer Drug, Postgraduate, Z.KÜBRA(Student), 2019
- Aslim B., The Effects Of Anticancer And Some Genes Expression Levels On The Apoptosis Pathway Of Human-Derived Exopolysaccharide Producer Some Probiotic And Synbiotic Applications On Colon Cancer Cell Line, Doctorate, Ü.TÜKENMEZ(Student), 2018
- Aslim B., İşlevsel ve fonksiyonel gıdaların geliştirilmesinde kullanılabilecek geniş sıcaklık ve pH aralığında aktif mikrobiyal kaynaklı ekstrasellüler rekombinant pektat liyaz, Postgraduate, S.BEKLİ(Student), 2018
- Aslim B., The Investigation Of The Effects Of Glaucium Corniculatum Extracts, Which May Be Candidates For An Alternative Drug In Neural Diseases, According To Their Suppression Potential Of Apoptosis, Inflammation And Acetylcholinesterase (Ache), Doctorate, F.GONCA(Student), 2018
- Aslim B., Invastigation Of Therapeutic And Protective Effect Glaucium Corniculatum And Glaucium Acutidentatum Extracts Against Neuronal Disease On The Ex Vivo Cell Model, Postgraduate, B.HAMAMCIOĞLU(Student), 2017
- Aslim B., Determination of lactic acid bacterias filtrates and their exopolisaccharides bifidogenic growth stimulator (BGS) and antibiofilm activities, Postgraduate, H.SARIKAYA(Student), 2014
- Aslim B., The Molecular Investigation Of The Anticancer Effect Of Vaginal Origined Lactobacilli On The Human Cervical Cancer Cell Line, Doctorate, T.SUNGUR(Student), 2014
- Babaoğlu Aydaş S. S., Aslim B., Determination of antioxidant, anticancerogenic and apoptotic effect of some plant extracts on cancer cell lines, Postgraduate, Ö.TARANÇI(Student), 2014
- Aslim B., Determination of lactic acid bacteria antiproliferative, antigenotoxic and antiinflammatory effects, Postgraduate, S.NİĞDELİOĞLU(Student), 2013
- Aslim B., Determination of enzyme activity, optimization and characterization of the biotechnologically important phenylalanine ammonia lyase from some plants under stress, Postgraduate, S.ŞİRİN(Student), 2013
- Aslim B., Study on biological activity of nanoparticles and immunosensor design towards pathogen detection, Postgraduate, H.YEĞENOĞLU(Student), 2013
- Aslim B., Investigation of antiproliferative and antiinflammatory effects of common and endemic species of plants, Postgraduate, S.ROSTAMİ(Student), 2013
- Aslim B., Investigation of bile salt hydrolase (bsh) enzyme activity and gene with cholesterol removal properties of Bifidobacterium and Lactobacillus genus bacteria, Postgraduate, Ö.ÖNER(Student), 2012
- Aslim B., Probiotic importance of conjugated linoleic acid production from different strains of Lactobacillus, Propionibacterium and Bifidobacterium genus, Postgraduate, S.YİYİT(Student), 2011
- Aslim B., Investigation of antioxidant activity and immunological properties of promising probiotic cultures in the presence of inulin, Doctorate, H.AYŞEGÜL(Student), 2011

Aslim B., Determination of relationship between production of some metabolites and bifidogenic growth stimulator (BGS) activity by propionic acid bacteria, Postgraduate, B.Aydın(Student), 2011

Aslim B., Siyanobakterilerle ağır metallerin giderimi ve bunu etkileyen faktörlerin araştırılması, Doctorate, E.ŞEBNEM(Student), 2009

ASLIM B., DETERMINATION OF SOME PROBIOTIC PROPERTIES OF *Bifidobacterium GENUS BACTERIA*, Postgraduate, G.GALP(Student), 2008

Aslim B., Çeşitli tatlı sulardan izole edilen bazı *Synechocystis sp.* izolatlarına Cr(VI) ve Cd(II) ağır metallerinin etkisi ve giderimi: Metal gideriminin protein ve tiyoller açısından değerlendirilmesi, Doctorate, Ş.ÖZTÜRK(Student), 2008

Aslim B., RESEARCH OF SURFACE ACTIVE PROPERTIES OF SOME MICROORGANISMS IN VARIOUS INDUSTRIAL WASTES, Postgraduate, T.KAYA(Student), 2008

ASLIM B., INVESTIGATIONS OF ANTIMICROBIAL EFFECTS OF SOME ENDEMIC SPECIES OF LABIATAE FAMILY ON IMPORTANT PLANT PATHOGENIC BACTERIA, Postgraduate, Ş. ALTUNDAĞ(Student), 2007

ASLIM B., RESEARCH OF CHOLESTEROL REMOVAL FEATURES AND BILE SALT DECONJUGATION EFFECTS OF SOME LACTIC ACID BACTERIA THAT CAN BE USED AS PROBIOTIC, Postgraduate, E.TOK(Student), 2007

Aslim B., Çevredeki organik kirleticilerden biyoteknolojik olarak bazı ikincil metabolitlerin üretimi, Doctorate, D.ONBAŞILI(Student), 2006

Aslim B., *Lactobacillus delbrueckii* subsp. *bulgaricus* türüne ait suşların bazı probiyotik özelliklerinin belirlenmesi ve tutuklamanın bu özellikler üzerine etkisi, Postgraduate, H.BÖKE(Student), 2005

Aslim B., İnsan kaynaklı *Lactobacillus spp.* suşlarında agregasyonun probiyotik önemi, Postgraduate, H.GÜRBÜZ(Student), 2004

Aslim B., İnsan vajinasından izole edilen *Lactobacillus* cinsi bakterilerin bazı probiyotik özelliklerinin incelenmesi, Postgraduate, E.KILIÇ(Student), 2003

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Cocktail of three isoquinoline alkaloids derived from *Glaucium grandiflorum* Boiss. & A. Huet subsp. *refractum* (Nábelek) Mory inhibits the production of LPS-induced ROS, pro-inflammatory cytokines, and mediators through the down-regulation of p38 MAPK in BV-2 cells**
Niğdelioğlu Dolanbay S., Şirin S., Aslim B.
Fitoterapia, vol.170, 2023 (SCI-Expanded)
- II. **Neuroprotective Potential of Isoquinoline Alkaloids from *Glaucium grandiflorum* Boiss. and A. Huet subsp. *refractum* (Nábelek) Mory: Role of NRF2-KEAP1 Pathway**
NİĞDELİOĞLU DOLANBAY S., Sirin S., ASLIM B.
APPLIED SCIENCES-BASEL, no.20, 2023 (SCI-Expanded)
- III. **In vitro biological and in silico screening of novel iron(iii) complexes for DNA-targeted antitumor drug component**
Dolanbay S., Yilmaz Z. K., Kaya B., Aslim B., Ülküseven B.
New Journal of Chemistry, vol.47, no.30, pp.14225-14241, 2023 (SCI-Expanded)
- IV. **A new bio-active asymmetric-Schiff base: synthesis and evaluation of calf thymus DNA interaction, topoisomerase IIa inhibition, in vitro antiproliferative activity, SEM analysis and molecular docking studies**
Yilmaz Z. K., Özdemir Ö., Aslim B., Suludere Z., Şahin E.
JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, vol.41, no.7, pp.2804-2822, 2023 (SCI-Expanded)
- V. **Characterization of prodigiosin pigment by *Serratia marcescens* and the evaluation of its bioactivities**
Koyun M. T., Sirin S., ASLIM B., Taner G., Dolanbay S.
TOXICOLOGY IN VITRO, vol.82, 2022 (SCI-Expanded)
- VI. **The relationship of early- and late-onset Alzheimer's disease genes with COVID-19**
Şirin S., Niğdelioğlu Dolanbay S., Aslim B.
JOURNAL OF NEURAL TRANSMISSION, vol.129, no.7, pp.847-859, 2022 (SCI-Expanded)

- VII. **Effects of Probiotic Bacteria on Central Neuronal Activation in Experimental Colitis**
Şengül N., Töre F., İşık S., Aslim B., Uçar G., Fırat T., Yabanoğlu Çiftçi S., Kükner A.
Turkish Journal Of Gastroenterology, pp.1-8, 2022 (SCI-Expanded)
- VIII. **Characterization of Exopolysaccharides (EPSs) Obtained from *Ligilactobacillus salivarius* Strains and Investigation at the Prebiotic Potential as an Alternative to Plant Prebiotics at Poultry**
Bikric S., ASLIM B., Dincer I., YÜKSEKDAĞ Z., ULUSOY S., YAVUZ S.
PROBIOTICS AND ANTIMICROBIAL PROTEINS, vol.14, no.1, pp.49-59, 2022 (SCI-Expanded)
- IX. **Exopolysaccharide of *Lactobacillus rhamnosus* E9 Strain Improves Dental Pulp Mesenchymal Stem Cell Proliferation, Osteogenic Differentiation, and Cellular Collagen Production**
MENDİ H. A., ASLIM B.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.65, 2022 (SCI-Expanded)
- X. **The Relationship Between Neuroprotective Activity and Antigenotoxic and Acetylcholinesterase Inhibitory Effects of *Glaucium corniculatum* Extracts**
Kocancı F. G., Hamamcioglu B., ASLIM B.
BRAZILIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.58, 2022 (SCI-Expanded)
- XI. **Pyocyanin Isolated from *Pseudomonas aeruginosa*: Characterization, Biological Activity and Its Role in Cancer and Neurodegenerative Diseases**
Koyun M. T., Sirin S., Erdem S. A., Aslim B.
BRAZILIAN ARCHIVES OF BIOLOGY AND TECHNOLOGY, vol.65, 2022 (SCI-Expanded)
- XII. **Synthesis and biological activity of pyrrolidine/piperidine substituted 3-amido-9-ethylcarbazole derivatives**
Sirin S., Duyar H., ASLIM B., SEFEROĞLU Z.
JOURNAL OF MOLECULAR STRUCTURE, vol.1242, 2021 (SCI-Expanded)
- XIII. **In silico identification of SARS-CoV-2 cell entry inhibitors from selected natural antivirals.**
Şimşek Y., Baran S. S., Aslim B.
Journal of molecular graphics & modelling, vol.109, pp.108038, 2021 (SCI-Expanded)
- XIV. **Neuroprotective effects of allocryptopine-rich alkaloid extracts against oxidative stress-induced neuronal damage**
Niğdelioğlu Dolanbay S., Kocancı F. G., Aslim B.
BIOMEDICINE & PHARMACOTHERAPY, vol.140, 2021 (SCI-Expanded)
- XV. **Protective effect of exopolysaccharides from lactic acid bacteria against amyloid beta(1-42)induced oxidative stress in SH-SY5Y cells: Involvement of the AKT, MAPK, and NF-kappa B signaling pathway**
Sirin S., ASLIM B.
PROCESS BIOCHEMISTRY, vol.106, pp.50-59, 2021 (SCI-Expanded)
- XVI. **Effect of alkaline pH and nitrogen starvation on the triacylglycerol (TAG) content, growth, biochemical composition, and fatty acid profile of *Auxenochlorella protothecoides* KP7**
Andeden E. E., Öztürk Ş., Aslim B.
JOURNAL OF APPLIED PHYCOLOGY, vol.33, no.1, pp.211-225, 2021 (SCI-Expanded)
- XVII. **Evaluation of Thirty Microalgal Isolates as Biodiesel Feedstocks Based on Lipid Productivity and Triacylglycerol (TAG) Content**
Andeden E. E., Öztürk Ş., Aslim B.
CURRENT MICROBIOLOGY, vol.78, no.2, pp.775-788, 2021 (SCI-Expanded)
- XVIII. **Neuropathy in COVID-19 associated with dysbiosis-related inflammation**
AKTAŞ B., ASLIM B.
TURKISH JOURNAL OF BIOLOGY, vol.45, no.4, pp.390-403, 2021 (SCI-Expanded)
- XIX. **Chemical Composition and Neurotherapeutic Potential of *Glaucium corniculatum* Extracts**
Kocancı F. G., ASLIM B.
PHARMACOGNOSY MAGAZINE, vol.17, no.73, pp.67-75, 2021 (SCI-Expanded)
- XX. **Characterization of lactic acid bacteria derived exopolysaccharides for use as a defined neuroprotective agent against amyloid beta(1-42)-induced apoptosis in SH-SY5Y cells**
Sirin S., Aslim B.

- SCIENTIFIC REPORTS, vol.10, no.1, 2020 (SCI-Expanded)
- XXI. Effects of some heavy metals on thiol compounds in *Synechocystis sp.* isolates
Yilmaz E. S., Ozturk S., Aslim B.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.17, no.5, pp.3013-3022, 2020
(SCI-Expanded)
- XXII. Structural characterization of new zinc(ii) complexes with N2O2 chelating thiosemicarbazidato ligands; investigation of the relationship between their DNA interaction and in vitro antiproliferative activity towards human cancer cells
Kaya B., Yilmaz Z. K., Sahin O., Aslim B., Ulküseven B.
NEW JOURNAL OF CHEMISTRY, vol.44, pp.9313-9320, 2020 (SCI-Expanded)
- XXIII. Gut-lung axis and dysbiosis in COVID-19
AKTAŞ B., ASLIM B.
TURKISH JOURNAL OF BIOLOGY, vol.44, no.3, pp.265-272, 2020 (SCI-Expanded)
- XXIV. Immunomagnetic separation and *Listeria monocytogenes* detection with surface-enhanced Raman scattering
Akcinar H. Y., Aslim B., Torul H., Guven B., Zengin A., Suludere Z., Boyaci İ. H., Tamer U.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.50, no.4, pp.1157-1167, 2020 (SCI-Expanded)
- XXV. MEDICINAL POTENTIAL OF ECTOMYCORRHIZAL MUSHROOM PISOLITHUS ARHIZUS EXTRACTS FROM TURKEY
Onbaşlı D., Yuvalı G., Aslim B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.29, no.10, pp.9455-9464, 2020 (SCI-Expanded)
- XXVI. Biochemical and Molecular Characterizations of a Novel pH- and Temperature-Stable Pectate Lyase from *Bacillus amyloliquefaciens* S6 for Industrial Application
Bekli S., Aktaş B., Gencer D., Aslim B.
MOLECULAR BIOTECHNOLOGY, vol.61, no.9, pp.681-693, 2019 (SCI-Expanded)
- XXVII. The relationship between the structural characteristics of lactobacilli-EPS and its ability to induce apoptosis in colon cancer cells in vitro
Tukenmez U., Aktaş B., Aslim B., Yavuz S.
SCIENTIFIC REPORTS, vol.9, 2019 (SCI-Expanded)
- XXVIII. Structural analysis and biological functionalities of iron(III)- and manganese(III)-thiosemicarbazone complexes: in vitro anti-proliferative activity on human cancer cells, DNA binding and cleavage studies
KAYA B., Yilmaz Z. K., ŞAHİN O., ASLIM B., Tukenmez U., ÜLKÜSEVEN B.
JOURNAL OF BIOLOGICAL INORGANIC CHEMISTRY, vol.24, no.3, pp.365-376, 2019 (SCI-Expanded)
- XXIX. Determination of antioxidant capacity, phenolic acid composition and antiproliferative effect associated with phenylalanine ammonia lyase (PAL) activity in some plants naturally growing under salt stress
Sirin S., Aslim B.
MEDICINAL CHEMISTRY RESEARCH, vol.28, no.3, pp.229-238, 2019 (SCI-Expanded)
- XXX. Differences in structure, allergenic protein content and pectate lyase enzyme activity of some Cupressaceae pollen
Şahin A. A., Aslim B., Tan S., Alan Ş., Pinar N. M.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGİSİ, vol.43, no.4, pp.435-446, 2018 (SCI-Expanded)
- XXXI. Phytochemical screening and evaluation of neuroprotective, anti-mutagenic and anti-genotoxic effects of Turkish endemic *Glaucium acutidentatum*
Hamamcioglu B., Kocancı F. G., Aslim B.
SOUTH AFRICAN JOURNAL OF BOTANY, vol.117, pp.232-239, 2018 (SCI-Expanded)
- XXXII. beta-Glucosidase activity and bioconversion of isoflavone glycosides to aglycones by potential probiotic bacteria
Yüksekdağ Z., Acar B., Aslim B., Tukenmez U.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, 2018 (SCI-Expanded)

- XXXIII. **Impact of Exopolysaccharides (EPSSs) of *Lactobacillus gasseri* strains isolated from human vagina on cervical tumor cells (HeLa)**
Sungur T., Aslim B., Karaaslan İ. Ç., Aktaş B.
ANAEROBE, vol.47, pp.137-144, 2017 (SCI-Expanded)
- XXXIV. **The comparison of antioxidant capacity and cytotoxic, anticarcinogenic, and genotoxic effects of Fe@Au nanosphere magnetic nanoparticles**
Yegenoglu H., Aslim B., Guven B., Zengin A., Boyaci İ. H., Suludere Z., Tamer U.
TURKISH JOURNAL OF BIOLOGY, vol.41, no.2, pp.302-313, 2017 (SCI-Expanded)
- XXXV. **BIODEGRADATION OF PETROLEUM HYDROCARBON POLLUTANTS BY HALOPHILIC BACTERIA AND ARCHAEA STRAINS**
Baltaci N., Yüksekdag Z., Aslim B.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, pp.686-694, 2017 (SCI-Expanded)
- XXXVI. **Assessment of anti-biofilm activity and bifidogenic growth stimulator (BGS) effect of lyophilized exopolysaccharides (l-EPSs) from *Lactobacilli* strains**
Sarikaya H., Aslim B., Yüksekdag Z.
INTERNATIONAL JOURNAL OF FOOD PROPERTIES, vol.20, pp.362-371, 2017 (SCI-Expanded)
- XXXVII. **Biochemical analysis of *Centaurea depressa* phenylalanine ammonia lyase (PAL) for biotechnological applications in phenylketonuria (PKU)**
Babaoğlu Aydaş S. S., Sirin S., Aslim B.
PHARMACEUTICAL BIOLOGY, vol.54, no.12, pp.2838-2844, 2016 (SCI-Expanded)
- XXXVIII. **Protein-releasing conductive anodized alumina membranes for nerve-interface materials**
Altuntas S., BÜYÜKSERİN F., Haider A., Altinok B., BIYIKLI N., ASLIM B.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.67, pp.590-598, 2016 (SCI-Expanded)
- XXXIX. **Biochemical Evaluation of Phenylalanine Ammonia Lyase from Endemic Plant *Cyathobasis fruticulosa* (Bunge) Aellen. for the Dietary Treatment of Phenylketonuria**
Sirin S., Babaoğlu Aydaş S. S., Aslim B.
FOOD TECHNOLOGY AND BIOTECHNOLOGY, vol.54, no.3, pp.296-303, 2016 (SCI-Expanded)
- XL. **Effects of probiotic supplementation on systemic and intestinal oxidant-antioxidant events in splenectomized rats**
COŞKUN CEVHER Ş., Balabanlı B., ASLIM B.
SURGERY TODAY, vol.45, no.9, pp.1166-1172, 2015 (SCI-Expanded)
- XLI. **The Relative Contributions of Chlorogenic Acid and Rutin to Antioxidant Activities of Two Endemic Prangos (Umbelliferae) Species (*P.Heynia* and *P.Denticulata*)**
Öke Altuntaş F., Aslim B., Duman H., Gulpinar A. R., Kartal M.
JOURNAL OF FOOD BIOCHEMISTRY, vol.39, no.4, pp.409-416, 2015 (SCI-Expanded)
- XLII. **Antioxidant *Lactobacilli* Could Protect Gingival Fibroblasts Against Hydrogen Peroxide: A Preliminary In Vitro Study**
Mendi A., Aslim B.
PROBIOTICS AND ANTIMICROBIAL PROTEINS, vol.6, no.3-4, pp.157-164, 2014 (SCI-Expanded)
- XLIII. **In vitro evaluation of the suitability potential probiotic of lactobacilli isolates from the gastrointestinal tract of chicken**
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- CIII. **In vitro antimicrobial, antioxidant and antibiofilm activities of Bryum capillare, a bryophyte sample**

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Memberships / Tasks in Scientific Organizations

TÜBİTAK-KBAG, Member of Advisory Board, 2014 - 2015, Turkey

TÜBİTAK-TBAG, Member of Advisory Board, 2012 - 2013, Turkey

Tasks In Event Organizations

Aslim B., 22. Ulusal Biyoloji Kongresi , Scientific Congress, Eskişehir, Turkey, Haziran 2014

Aslim B., 21. Ulusal Biyoloji Kongresi, Scientific Congress, İzmir, Turkey, Eylül 2012

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Metrics

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Invited Talks

Probiyotik Bakterilerden Elde Edilen Ekzopolisakkartlerin Biyoteknolojik Uygulamaları, Seminar, İstanbul Kültür Üniversitesi, Turkey, May 2020

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Awards

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Non Academic Experience

- YÜKSEKÖĞRETİM KURULU BAŞKANLIĞI
Public Corporation, YÜKSEKÖĞRETİM KURULU, YÜKSEKÖĞRETİM KURULU BAŞKANLIĞI
- Journal of Hazardous Materials
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TÜBİTAK
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TÜBİTAK
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