

Prof. GÜLAY ÖZCENGİZ

Personal Information

Office Phone: [+90 312 210 5170](tel:+903122105170)

Fax Phone: [+90 312 210 7976](tel:+903122107976)

Email: ozcengiz@metu.edu.tr

Web: <https://avesis.metu.edu.tr/ozcengiz>

Address: Biyolojik Bilimler Bölümü, O.D.T.Ü., Ankara 06800

International Researcher IDs

ScholarID: 9EdTOdIAAAAJ

ORCID: 0000-0002-8628-3202

Publons / Web Of Science ResearcherID: ABA-1707-2020

ScopusID: 7003366111

Yoksis Researcher ID: 10818

Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoloji (Dr), Turkey 1984 - 1989

Research Areas

Biotechnology, Microbiology, Genomics

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 1997 - Continues

Associate Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 1994 - 1997

Assistant Professor, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 1992 - 1994

Academic and Administrative Experience

Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 2012 - 2014

Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyoteknoloji (YI) (Tezli), 2007 - 2009

Deputy Head of Department, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 1998 - 2001

Courses

MICROBES AND MOLECULAR PATHOGENESIS, Undergraduate, 2022 - 2023

ADVANCED MICROBIOLOGY, Postgraduate, 2022 - 2023

Microbiology Lab, Undergraduate, 2022 - 2023

Advising Theses

- ÖZCENGİZ G., Assessment of the immunogenicity and formulation of recombinant proteins from SARS-CoV-2 as vaccine antigens, Postgraduate, D.KESER(Student), 2022
- ÖZCENGİZ G., Cloning and expression of gerE and glmS genes in Escherichia coli and Bacillus subtilis, and investigation of their possible interrelation with bacilysin biosynthesis, Postgraduate, S.AKAYSOY(Student), 2022
- ÖZCENGİZ G., Comparative transcriptome analyses of a standard strain and clavulanic acid overproducing industrial strain of s. Clavuligerus, Postgraduate, G.ÇELİK(Student), 2021
- ÖZCENGİZ G., Comparative transcriptomics of Bacillus subtilis bacilysin-negative genotype with particular reference to bacilysin formation, Postgraduate, N.KOCABAY(Student), 2021
- ÖZCENGİZ G., Development of an experimental recombinant vaccine formulation composed of LKTA from Mannheimia Haemolytica A1 and P31 and LPPB from Histophilus Somni 8025 against Hovine Respiratory Disease, Postgraduate, N.Hilal(Student), 2020
- ÖZCENGİZ G., marT as a global regulatory gene for biofilm formation in Salmonella Typhimurium, Doctorate, Z.Eran(Student), 2020
- ÖZCENGİZ G., Phenotypic rescue of a Bacilysin-silenced strain of Bacillus Subtilis with Bacilysin supplementation, Postgraduate, O.Ertekin(Student), 2020
- Özcengiz G., Tunçbağ N., Biological network modeling based on differentially expressed proteins in a bacilysin-deficient strain of Bacillus subtilis, Postgraduate, M.Kutnu(Student), 2019
- ÖZCENGİZ G., Biological network modelling based on differentially expressed proteins in a bacilysin-deficient strain of bacillus subtilis, Postgraduate, M.Kutnu(Student), 2019
- ÖZCENGİZ G., Expression and activity analyses of industrially important extracellular enzymes produced by a bacilysin knock-out mutant of Bacillus subtilis, Postgraduate, S.AYTEKİN(Student), 2018
- ÖZCENGİZ G., Quantitative expression analysis of the genes potentially involved in clavulanic acid overproduction in streptomyces clavuligerus, Postgraduate, C.AKTAŞ(Student), 2018
- ÖZCENGİZ G., Dynamic analysis of secretome alterations in a bacilysin-knock out mutant of Bacillus subtilis, Doctorate, E.TEKİN(Student), 2017
- ÖZCENGİZ G., Assessment of immune protective capacities of the recombinant outer membrane protein Q, iron superoxide dismutase and putative lipoprotein from Bordetella pertussis, Doctorate, Ç.YILMAZ(Student), 2017
- ÖZCENGİZ G., Proteomic analysis of two cephamycin c overproducer and an industrial clavulanic acid overproducer strains of streptomyces clavuligerus in comparison with the standard strain NRRL 3585, Doctorate, E.Ünsaldı(Student), 2016
- ÖZCENGİZ G., Proteomic analysis of two cephamycin C overproducer and an industrial clavulanic acid overproducer strains of streptomyces clavuligerus in comparison with the standard strain NRRL 3585, Doctorate, E.ÜNSALDI(Student), 2016
- CAN T., ÖZCENGİZ G., Pattern search in pathogenic bacterial proteins for localization and secretory systems, Doctorate, O.ÖZCAN(Student), 2015
- ÖZCENGİZ G., GÜRSEL M., A study on induction of minicell formation by FTSZ overproducing L-form E. coli, Postgraduate, İ.CEM(Student), 2014
- SOYER Y., ÖZCENGİZ G., Subtyping of Salmonella isolated from human clinical and animal non-clinical cases, as well as different food samples using pulsed field gel electrophoresis (PFGE), Postgraduate, E.BULUT(Student), 2014
- ÖZCENGİZ G., Investigation on immunoprotectivity of recombinant vaccine candidates glutamine-binding periplasmic protein and putative peptidoglycan-binding protein in mouse model, Postgraduate, M.ÇİÇEK(Student), 2014
- ÖZCENGİZ G., Development of recombinant vaccine candidates composed of LtkA from Mannheimia haemolytica A1 and PlpEC-OmpH from Pasteurella multocida A:3 against bovine respiratory disease, Postgraduate, A.ÇİRÇİR(Student), 2014
- ÖZCENGİZ G., Development of recombinant vaccine candidates composed of ltkA from manheimia haemolytica A1 and PlpEC AND OmpH from Pasteurella Multocida A:3 against bovine respiratory disease, Postgraduate, A.Çırçır(Student), 2014

ÖZCENGİZ G., Proteomics of *Phanerochaete chrysosporium* under heavy metal stress, Doctorate, V.YILDIRIM(Student), 2014

ÖZCENGİZ G., Genetic engineering of glycolytic pathway by disrupting glyceraldehyde-3-phosphate dehydrogenase gene in an industrial strain of *Streptomyces clavuligerus*, Postgraduate, İ.SERTDEMİR(Student), 2013

ÖZCENGİZ G., Proteome-wide analysis of the role of expression of bacilysin operon on idiophase physiology of *B. subtilis*, Postgraduate, M.DEMİR(Student), 2013

ÖZCENGİZ G., Towards whole cell immunoproteome and subproteomes of *Bordetella pertussis*, Doctorate, B.EMİNE(Student), 2012

ÖZCENGİZ G., Increasing clavulanic acid production both in wild type and industrial *Streptomyces clavuligerus* strains by amplification of positive regulator *clpR* gene, Postgraduate, A.MUTLU(Student), 2012

ÖZCENGİZ G., The regulatory effect of *CcaR* activator on the cephamycin C gene cluster of *Streptomyces clavuligerus*, Doctorate, A.KURT(Student), 2011

ÖZCENGİZ G., Assessment of immune protective capacity of the recombinant iron superoxide dismutase (FeSOD) from *Bordetella pertussis*, Postgraduate, A.APAK(Student), 2011

ÖZCENGİZ G., The regulatory effect of *CcaR* activator on the cephamycin C gene cluster of *Streptomyces clavuligerus*, Doctorate, A.Kurt(Student), 2011

ÖZCENGİZ G., Development of recombinant vaccines composed of PLPE and OMPH from *Pasteurella multocida* A:3, Doctorate, S.OKAY(Student), 2011

ÖZCENGİZ G., Dynamic expression of three rRNA processing and modification genes of *Phanerochaete chrysosporium* under Pb stress, Postgraduate, E.TEKİN(Student), 2011

ÖZCENGİZ G., Immune responses against the recombinant FimX and putative peptidyl-prolyl cis-trans isomerase from *Bordetella pertussis*, Postgraduate, Ç.YILMAZ(Student), 2011

ÖZCENGİZ G., Dynamic expression of three "RNA processing and modification" Genes of *Phanerochaete Chrysosporium* under Pb stress, Postgraduate, E.Tekin(Student), 2011

ÖZCENGİZ G., Assessment of immune protective capacity of the recombinant iron-superoxide dismutase (fesod) from *Bordetella pertussis*, Postgraduate, A.Apak(Student), 2011

ÖZCENGİZ G., Proteome-wide analysis of the functional roles of Bacilysin biosynthesis in *Bacillus subtilis*, Postgraduate, A.Taşkın(Student), 2010

ÖZCENGİZ G., Medium optimization for cephamycin c overproduction and comparison of antibiotic production by Ask, hom and Ask+hom recombinants of *Streptomyces clavuligerus*, Postgraduate, E.ÜNSALDI(Student), 2010

ÖZCENGİZ G., Medium optimization for cephamycin c overproduction and comparison of antibiotic production by ask, hom, and ask+hom recombinants of *Streptomyces clavuligerus*, Postgraduate, E.Ünsaldı(Student), 2010

ÖZCENGİZ G., Integration of clavaminic synthase 2 gene into the chromosome of an industrial strain of *Streptomyces clavuligerus* for enhanced clavulanic acid production, Postgraduate, G.VANLI(Student), 2010

ÖZCENGİZ G., Proteome-wide analysis of functional roles of bacilysin biosynthesis in *Bacillus subtilis*, Postgraduate, A.ARAS(Student), 2010

ÖZCENGİZ G., Microorganism mediated stereoselective bio-oxidation and bio-hydrogenation reactions and thiamine pyrophosphate dependent enzyme catalyzed enantioselective acyloin reactions, Doctorate, Ş.BETÜL(Student), 2009

ÖZCENGİZ G., Analysis of cross-immune reaction between strains of *Bordetella pertussis*, Postgraduate, E.İŞCAN(Student), 2009

ÖZCENGİZ G., High-level expression of hepatitis B surface antigen in *Pichia pastoris*, its purification and immunological characterization, Postgraduate, H.SELAMOĞLU(Student), 2009

ÖZCENGİZ G., Studies on novel immunogenic proteins of *Clostridium chauvoei*, Postgraduate, D.CORAL(Student), 2009

ÖZCENGİZ G., Medium development for production of *Bacillus thuringiensis* based biopesticides, Postgraduate, O.ÖZCAN(Student), 2008

ÖZCENGİZ G., The effects of twelve quorum-sensing gene products on the expression of Bacabcde operon in *Bacillus subtilis*, Postgraduate, İ.ÖĞÜLÜR(Student), 2008

ÖZCENGİZ G., Identification of the new immunogenic proteins of *Bordetella pertussis* by immunoproteomics, Postgraduate, E.ALTINDİŞ(Student), 2007

ÖZCENGİZ G., Targeted disruption of Homoserine dehydrogenase gene in *Streptomyces clavuligerus* and its effects on cephamycin C production, Postgraduate, A.KOCA(Student), 2006

ÖZCENGİZ G., Cephamycin C production by streptomyces clavuligerus mutants impaired in regulation of aspartokinase, Postgraduate, A.ZEYİNİYEV(Student), 2006

ÖZCENGİZ G., First reference map for Phanerochaete chrysosporium proteome, Postgraduate, V.YILDIRIM(Student), 2006

ÖZCENGİZ G., Cloning of chitinase a gene (chiA) from Serratia marcescens BN10 and its expression in coleoptera-specific Bacillus thuringiensis, Postgraduate, S.OKAY(Student), 2005

ÖZCENGİZ G., Coleoptera-specific (CRY3Aa) delta-endotoxin biosynthesis by a local isolate of Bt subsp. Tenebrionis, gene cloning and characterization, Postgraduate, A.KURT(Student), 2005

ÖZCENGİZ G., Effect of homologous multiple copies of aspartokinase gene on cephamycin C biosynthesis in Streptomyces clavuligerus, Postgraduate, B.TAŞKIN(Student), 2005

ÖZCENGİZ G., Elucidation of R gene mediated yellow rust disease resistance mechanism in wheat by dual bait yeast two-hybrid analysis, Doctorate, F.YILDIRIM(Student), 2005

ÖZCENGİZ G., Characterization and identification of bacteriocins from two Lactococcus lactis subsp. lactis strains, Postgraduate, O.Akçelik(Student), 2004

ÖZCENGİZ G., Characterization and identification of bacteriocins from two Lactococcus Lactis subsp. Lactis strains, Postgraduate, O.AKÇELİK(Student), 2004

ÖZCENGİZ G., Productivity analyses in fermentations with three different biolarvicides, Postgraduate, H.ÖZÇELİK(Student), 2004

ÖZCENGİZ G., Biosorption sites for lead [Pb(II)] in Phanerochaete chrysosporium, Postgraduate, L.KAYA(Student), 2004

ÖZCENGİZ G., Productivity Analyses in Fermentations with Three Different Biolarvicides, Postgraduate, H.Özçelik(Student), 2004

ÖZCENGİZ G., Cloning and characterization of Streptomyces clavuligerus meso-diaminopimelate decarboxylase (lysA) gene, Postgraduate, Ç.YAĞCIOĞLU(Student), 2004

Sanin F. D., Özcengiz G., Investigation of Solids Residence Time on Sludge Characteristics with Specific Emphasis on Extracellular Polymers, Postgraduate, M.Lamin(Student), 2003

ÖZCENGİZ G., Investigation of solids residence time on sludge characteristics with specific emphasis on extracellular polymers, Postgraduate, M.LAMİN(Student), 2003

ÖZCENGİZ G., Response surface optimization of Bacillus thuringiensis israelensis fermentation, Postgraduate, Z.TOKCAER(Student), 2003

ÖZCENGİZ G., Proteome analyses of Pb (II), Ni (II) and Cr (III) response in Phanerochaete chrysosporium, Doctorate, S.ÖZCAN(Student), 2003

ÖZCENGİZ G., Cloning, characterization and heterologous expression of the aspartokinase and aspartate semialdehyde dehydrogenase genes from the cephamycin C producer streptomyces clavuligerus, Doctorate, S.Tunca(Student), 2002

ÖZCENGİZ G., Biological phosphorus removal in Ni(II) laden synthetic wastewater, Postgraduate, B.EREN(Student), 2002

ÖZCENGİZ G., Cassette mutagenesis to identify the genes involved in quorum-sensing pathway and bacilysin biosynthesis in bacillus subtilis., Postgraduate, S.Çetin(Student), 2002

ÖZCENGİZ G., Cloning, characterization and heterologous expression of the aspartokinase and aspartate semialdehyde dehydrogenase genes from the cephamycin C producer streptomyces clavuligerus, Doctorate, S.TUNCA(Student), 2002

ÖZCENGİZ G., Cloning, sequencing and expression of L-lactate dehydrogenase gene from Clostridium thermocellum and isolation, characterization and transformation of various cellulolytic, thermophilic, ethanol-producing bacteria, Doctorate, M.Özkan(Student), 2002

ÖZCENGİZ G., Cassette mutagenesis to identify the genes involved in quorum-sensing pathway and bacilysin biosynthesis in bacillus subtilis, Postgraduate, S.ÇETİN(Student), 2002

ÖZCENGİZ G., Enzymatic synthesis of novel dipeptides., Postgraduate, İ.TÜZÜN(Student), 2002

ÖZCENGİZ G., Cloning sequencing and expression of L-lactate dehydrogenase gene from Clostridium thermocellum and isolation, characterization and transformation of various cellulolytic, thermophilic, ethanol-producing bacteria, Doctorate, M.ÖZKAN(Student), 2002

ÖZCENGİZ G., Molecular characterization of multi-drug resistant salmonella isolates in Turkey, Postgraduate, K.GÖKSU(Student), 2001

ÖZCENGİZ G., Molecular biology and genetics of dipeptide biosynthesis: The system is an essential component of quorum-sensing global regulation, Doctorate, A.KARATAŞ(Student), 2000

ÖZCENGİZ G., Molecular biology and genetics of dipeptide biosynthesis: The system is an essential component of quorum-sensing global regulation, Doctorate, A.Karataş(Yazgan)(Student), 2000

ÖZCENGİZ G., Characterization of local salmonella enteritidis isolates of chicken, egg and human origin, Doctorate, B.İÇTEN(Student), 2000

ÖZCENGİZ G., An Optimization study on antidipteran (cryiv- type) toxin production, Postgraduate, M.Özkan(Student), 1997

ÖZCENGİZ G., An Optimization study on antidipteran (CRYIV type) toxin production, Postgraduate, M.ÖZKAN(Student), 1997

ÖZCENGİZ G., Heavy metal biosorption by phanerochaete chrysosporium, Postgraduate, N.PARLAKGÖZ(Student), 1997

ÖZCENGİZ G., Regulation of delta-endotoksin biosynthesis and endospore formation in Bacillus Thuringiensis, Postgraduate, Y.TAYANÇ(Student), 1995

ÖZCENGİZ G., Regulation of delta-endotoxin biosynthesis and endospore formation in bacillus thuringiensis 81, Postgraduate, Y.Tayanç(Student), 1995

ÖZCENGİZ G., Characterization of various rhizobium cicer strains and assesment of their symbiotic effectiveness, Postgraduate, B.İÇGEN(Student), 1994

ÖZCENGİZ G., Characterization of various Rhizobium cicer strains and assessment of their symbiotic effectiveness, Postgraduate, B.İçgen(Student), 1994

ÖZCENGİZ G., Studies on heavy metal resistance system and accumulation of metals in Kluyveroyces marxianus, Postgraduate, A.Yazgan(Student), 1993

ÖZCENGİZ G., Studies on heavy metal resistance system and accumulation of metals in kluyveromyces marxianus, Postgraduate, A.YAZGAN(Student), 1993

Designed Lessons

Özcengiz G., Microbes and Molecular Pathogenesis , Undergraduate, 2015 - 2016

Özcengiz G., Genomics and Proteomics , Postgraduate, 2002 - 2003

Özcengiz G., Secondary Metabolites of Industrial Microorganisms, Postgraduate, 1994 - 1995

Özcengiz G., Microbial Physiology, Undergraduate, 1990 - 1991

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Two formulations of coronavirus disease-19 recombinant subunit vaccine candidate made up of S1 fragment protein P1, S2 fragment protein P2, and nucleocapsid protein elicit strong immunogenicity in mice**
Özcengiz E., Keser D., Özcengiz G., Çelik G., Özkul A., İnçeh F. N.
Immunity, Inflammation and Disease, vol.10, no.12, 2022 (SCI-Expanded)
- II. **An integrative-omics analysis of an industrial clavulanic acid-overproducing Streptomyces clavuligerus**
KURT KIZILDOĞAN A., Celik G., unsaldi E., ÖZCAN S., AYAZ GÜNER Ş., ÖZCENGİZ G.
APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, vol.106, no.18, pp.6139-6156, 2022 (SCI-Expanded)
- III. **Comparative biological network analysis for differentially expressed proteins as a function of bacilysin biosynthesis in Bacillus subtilis**
Kutnu M., İşlerel E. T., TUNÇBAĞ N., ÖZCENGİZ G.
Integrative biology : quantitative biosciences from nano to macro, vol.14, no.5, pp.99-110, 2022 (SCI-Expanded)
- IV. **Proteomic Analysis of a hom-Disrupted, Cephamycin C Overproducing Streptomyces clavuligerus**
Unsaldi E., KURT KIZILDOĞAN A., ÖZCAN S., Becher D., Voigt B., Aktas C., ÖZCENGİZ G.
PROTEIN AND PEPTIDE LETTERS, vol.28, no.2, pp.205-220, 2021 (SCI-Expanded)
- V. **Dynamic proteomic analysis of Phanerochaete chrysosporium under copper stress**
Okay S., Yildirim V., Buttner K., Becher D., ÖZCENGİZ G.

ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.198, pp.110694, 2020 (SCI-Expanded)

- VI. **Regulation of biofilm formation by *Salmonella Typhimurium***
Eran Z., AKÇELİK M., Yazici B. C., ÖZCENGİZ G., AKÇELİK N.
MOLECULAR BIOLOGY REPORTS, vol.47, no.7, pp.5041-5050, 2020 (SCI-Expanded)
- VII. **Analysis of a bac operon-silenced strain suggests pleiotropic effects of bacilysin in *Bacillus subtilis***
ERTEKİN O., Kutnu M., Taskin A. A., Demir M., Karataş A., ÖZCENGİZ G.
JOURNAL OF MICROBIOLOGY, vol.58, no.4, pp.297-313, 2020 (SCI-Expanded)
- VIII. ***Bacillus subtilis* overproduces industrially important extracellular enzymes upon the targeted deletion of bacilysin biosynthetic operon**
Ozcengiz C., Aytakin S., Islerel E. T., Aktas C.
NEW BIOTECHNOLOGY, vol.44, 2018 (SCI-Expanded)
- IX. **Proteome-wide analysis of pleiotropic effects of targeted homoserine dehydrogenase (hom) gene disruption in *Streptomyces clavuligerus***
Zcengiz G., Nsaldi E., Aktas C., ERTEKİN O., KURT KIZILDOĞAN A., Zcan S.
NEW BIOTECHNOLOGY, 2018 (SCI-Expanded)
- X. **Systemic analysis of multiple coordinated changes associated with clavulanic acid overproduction in an industrial strain of *S. clavuligerus***
Özcengiz G., Kurt Kızıldoğan A.
New Biotechnology, vol.44, pp.109, 2018 (SCI-Expanded)
- XI. **Proteome-wide analysis of pleiotropic effects of targeted homoserine dehydrogenase (hom) gene disruption in *Streptomyces clavuligerus***
Özcengiz G., Özcan S., Kurt Kızıldoğan A.
New Biotechnology, vol.44, pp.109, 2018 (SCI-Expanded)
- XII. **Systemic analysis of multiple coordinated changes associated with clavulanic acid overproduction in an industrial strain of *S-clavuligerus***
Zcengiz G., Nsaldi E., Aktas C., ERTEKİN O., Zcan S., KURT KIZILDOĞAN A.
NEW BIOTECHNOLOGY, 2018 (SCI-Expanded)
- XIII. **Recombinant outer membrane protein Q and putative lipoprotein from *Bordetella pertussis* inducing strong humoral response were not protective alone in the murine lung colonization model**
Yilmaz C., Ozcengiz E., ÖZCENGİZ G.
TURKISH JOURNAL OF BIOLOGY, vol.42, no.2, pp.123-131, 2018 (SCI-Expanded)
- XIV. **Antibiotics: Pharmacokinetics, toxicity, resistance and multidrug efflux pumps**
Yilmaz C., ÖZCENGİZ G.
BIOCHEMICAL PHARMACOLOGY, vol.133, pp.43-62, 2017 (SCI-Expanded)
- XV. **Genetic engineering of an industrial strain of *Streptomyces clavuligerus* for further enhancement of clavulanic acid production**
KURT KIZILDOĞAN A., Vanli Jaccard G., Mutlu A., Sertdemir I., ÖZCENGİZ G.
TURKISH JOURNAL OF BIOLOGY, vol.41, no.2, pp.342-356, 2017 (SCI-Expanded)
- XVI. **Immunogenicity and protective efficacy of recombinant iron superoxide dismutase protein from *Bordetella pertussis* in mice models**
Yilmaz C., Apak A., Ozcengiz E., ÖZCENGİZ G.
MICROBIOLOGY AND IMMUNOLOGY, vol.60, no.11, pp.717-724, 2016 (SCI-Expanded)
- XVII. **Biochemistry, genetics and regulation of bacilysin biosynthesis and its significance more than an antibiotic**
ÖZCENGİZ G., ÖĞÜLÜR İ.
NEW BIOTECHNOLOGY, vol.32, no.6, pp.612-619, 2015 (SCI-Expanded)
- XVIII. **Proteome-wide analysis of the functional roles of bacilysin biosynthesis in *Bacillus subtilis***
ÖZCENGİZ G., Taskin A. A., Demir M., Karatas A. Y.
NEW BIOTECHNOLOGY, vol.31, 2014 (SCI-Expanded)
- XIX. **Pertussis Vaccines: State-of-the-Art and Future Trends**
Tefon B. E., Ozcengiz E., ÖZCENGİZ G.

- CURRENT TOPICS IN MEDICINAL CHEMISTRY, vol.13, no.20, pp.2581-2596, 2013 (SCI-Expanded)
- XX. **Role of the cmcH-ccaR intergenic region and ccaR overexpression in cephamycin C biosynthesis in *Streptomyces clavuligerus***
Kurt A., Alvarez-Alvarez R., Liras P., ÖZCENGİZ G.
APPLIED MICROBIOLOGY AND BIOTECHNOLOGY, vol.97, no.13, pp.5869-5880, 2013 (SCI-Expanded)
- XXI. **Recent advances in the biosynthesis of penicillins, cephalosporins and clavams and its regulation**
ÖZCENGİZ G., Demain A. L.
BIOTECHNOLOGY ADVANCES, vol.31, no.2, pp.287-311, 2013 (SCI-Expanded)
- XXII. **Real-Time PCR Investigation of the Dynamic Expression of Three "RNA Processing and Modification" Genes of *Phanerochaete chrysosporium* Exposed to Lead**
Tekin E., İçgen B., Özcengiz G.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.90, pp.27-33, 2013 (SCI-Expanded)
- XXIII. **Immunogenicity and protective efficacy of the recombinant *Pasteurella lipoprotein E* and outer membrane protein H from *Pasteurella multocida* A:3 in mice**
Okay S., Ozcengiz E., GÜRSEL İ., ÖZCENGİZ G.
RESEARCH IN VETERINARY SCIENCE, vol.93, no.3, pp.1261-1265, 2012 (SCI-Expanded)
- XXIV. **Cloning and expression of the *Clostridium thermocellum* L-lactate dehydrogenase gene in *Escherichia coli* and enzyme characterization**
Ozkan M., Yilmaz E., Lynd L., Ozcengiz G.
CANADIAN JOURNAL OF MICROBIOLOGY, vol.50, no.10, pp.845-851, 2004 (SCI-Expanded)
- XXV. **Cloning, characterization and heterologous expression of the aspartokinase and aspartate semialdehyde dehydrogenase genes of cephamycin C-producer *Streptomyces clavuligerus***
Tunca S., Yilmaz E., Piret J., Liras P., Ozcengiz G.
RESEARCH IN MICROBIOLOGY, vol.155, no.7, pp.525-534, 2004 (SCI-Expanded)
- XXVI. **2-Amino-N-(2-furylmethyl)propanamide as a novel alanyl-glycine equivalent synthesized by bacilysin synthetase**
Tuzun I., Karatas A., Sesenoglu O., Demir A., Ozcengiz G.
ENZYME AND MICROBIAL TECHNOLOGY, vol.33, no.5, pp.725-728, 2003 (SCI-Expanded)
- XXVII. **The effects of insertional mutations in comQ, comP, srfA, spo0H, spo0A and abrB genes on bacilysin biosynthesis in *Bacillus subtilis***
Karatas A., Cetin S., Ozcengiz G.
BIOCHIMICA ET BIOPHYSICA ACTA-GENE STRUCTURE AND EXPRESSION, vol.1626, pp.51-56, 2003 (SCI-Expanded)
- XXVIII. **Nutritional and cultural parameters influencing antidipteran delta endotoxin production**
ÖZKAN M., DİLEK F. B., YETİŞ Ü., ÖZCENGİZ G.
Research In Microbiology, pp.49-53, 2003 (SCI-Expanded)
- XXIX. **Colicinogeny in local isolates of salmonellae and plasmid transfer studies**
Elpek G., İçgen B., Ozcengiz G.
FOLIA MICROBIOLOGICA, vol.48, pp.257-260, 2003 (SCI-Expanded)
- XXX. **Colicinogeny in local isolates of salmonellae and plasmid transfer studies**
Elpek G., İçgen B., Ozcengiz G.
FOLIA MICROBIOLOGICA, no.2, pp.257-260, 2003 (SCI-Expanded)
- XXXI. **Regulation of crystal protein biosynthesis by *Bacillus thuringiensis*: II. Effects of carbon and nitrogen sources.**
İçgen Y., İçgen B., Ozcengiz G.
Research in microbiology, vol.153, pp.605-9, 2002 (SCI-Expanded)
- XXXII. **Regulation of crystal protein biosynthesis by *Bacillus thuringiensis*: I. Effects of mineral elements and pH**
İCĞEN Y., İçgen B., ÖZCENGİZ G.
RESEARCH IN MICROBIOLOGY, no.9, pp.599-604, 2002 (SCI-Expanded)
- XXXIII. **Regulation of crystal protein biosynthesis by *Bacillus thuringiensis*: I. Effects of mineral elements and pH.**

- İçgen Y., İçgen B., Özcengiz G.
Research in microbiology, vol.153, pp.599-604, 2002 (SCI-Expanded)
- XXXIV. **Characterization of Salmonella enteritidis isolates of chicken, egg and human origin from Turkey**
İçgen B., Gurakan G. C., Özcengiz G.
FOOD MICROBIOLOGY, vol.19, pp.375-382, 2002 (SCI-Expanded)
- XXXV. **Evaluation of symbiotic effectiveness of various Rhizobium cicer strains**
İçgen B., Özcengiz G., Alaeddinoglu N.
RESEARCH IN MICROBIOLOGY, vol.153, pp.369-372, 2002 (SCI-Expanded)
- XXXVI. **Characterisation of local isolates of Enterobacteriaceae from Turkey**
İçgen B., Gurakan G. C., Özcengiz G.
MICROBIOLOGICAL RESEARCH, vol.157, pp.233-238, 2002 (SCI-Expanded)
- XXXVII. **Effects of plasmid curing on antibiotic susceptibility, phage type, lipopolysaccharide and outer membrane protein profiles in local Salmonella isolates**
İçgen B., Gurakan G. C., Özcengiz G.
FOOD MICROBIOLOGY, vol.18, pp.631-635, 2001 (SCI-Expanded)
- XXXVIII. **Bacilysin biosynthesis by a partially-purified enzyme fraction from Bacillus subtilis**
Yazgan A., Özcengiz G., Özcengiz E., Kilinc K., Marahiel M., Alaeddinoglu N.
ENZYME AND MICROBIAL TECHNOLOGY, vol.29, pp.400-406, 2001 (SCI-Expanded)
- XXXIX. **Tn10 insertional mutations of Bacillus subtilis that block the biosynthesis of bacilysin**
Yazgan A., Özcengiz G., Marahiel M.
BIOCHIMICA ET BIOPHYSICA ACTA-GENE STRUCTURE AND EXPRESSION, vol.1518, pp.87-94, 2001 (SCI-Expanded)
- XL. **The removal of Pb(II) by Phanerochaete chrysosporium**
YETİŞ Ü., Dolek A., DİLEK F. B., ÖZCENGİZ G.
Water Research, vol.34, no.16, pp.4090-4100, 2000 (SCI-Expanded)
- XLI. **Multiple drug resistance patterns and plasmid profiles of non-typhi salmonellae in Turkey**
Yildirmak T., Yazgan A., Özcengiz G.
EPIDEMIOLOGY AND INFECTION, vol.121, no.2, pp.303-307, 1998 (SCI-Expanded)
- XLII. **Superiority of the PCR-based approach for cloning the acetate kinase gene of Clostridium thermocellum**
Özcengiz G., Kim J., Lin W., Özcengiz E., Westenberg D., Lynd L., Demain A.
JOURNAL OF INDUSTRIAL MICROBIOLOGY & BIOTECHNOLOGY, vol.21, no.3, pp.145-149, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Proteome-wide alterations in an industrial clavulanic acid producing strain of Streptomyces clavuligerus**
Unsaldi E., Kurt-Kizildogan A., Voigt B., Becher D., ÖZCENGİZ G.
SYNTHETIC AND SYSTEMS BIOTECHNOLOGY, vol.2, no.1, pp.39-48, 2017 (ESCI)
- II. **Primary structure of the carbohydrate-binding modules in various cellulolytic, thermophilic, anaerobic, ethanol-producing isolates**
Özkan M., ÖZCENGİZ G.
Turkish Journal of Biology, vol.30, no.1, pp.45-50, 2006 (Scopus)
- III. **Colicinogeny, lipopolysaccharide and outer membrane protein profiles of multi-drug resistant Salmonella typhimurium isolates from turkey**
Elpek G., İÇGEN B., ÖZCENGİZ G.
Turkish Journal of Medical Sciences, vol.32, no.6, pp.483-486, 2002 (Scopus)
- IV. **Plasmid analysis of antibiotic multiresistant Shigella isolates**
ÖZCENGİZ G., McMenamin M., Quesnel L.
Mikrobiyoloji Bulteni, vol.25, no.4, pp.340-348, 1991 (Scopus)

Books & Book Chapters

- I. **Sıvı kromatografi-Kütle spektrometrisi (LC-MS). Proteomiği**
YILDIRIM V., ÖZCENGİZ G.
in: Temel ve İleri Moleküler Biyoloji Yöntemleri: Genomik ve Proteomik Analizler., Güler Temizkan and Nazlı Arda, Editor, Nobel Tıp Kitapevleri Tic. Ltd., İstanbul, pp.687-700, 2018
- II. **Advances in beta-lactam antibiotics**
Özcengiz G., Barredo J. L., Demain A. L.
in: Antimicrobial compounds. Current Strategies and New Alternatives., T.G.Villa,P. Veiga-Crespo, Editor, Springer-Verlag , Berlin, pp.115-147, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Dynamic comparative secretome analysis of Bacillus subtilis standard strain and its bacilysin-deleted mutant.**
Özcengiz G.
19th International Conference on Bacilli and Gram-Positive Bacteria, Berlin, Germany, 11 - 15 June 2017, pp.94
- II. **Biological network modeling based on differentially expressed proteins in a bacilysin-deficient strain of Bacillus subtilis**
Özcengiz G., Tunçbağ N.
20th International Conference on Bacilli and Gram-Positive Bacteria, Washington, United States Of America, 23 - 26 July 2019, pp.11
- III. **Whole genome sequence analysis of lab-adapted Bacillus subtilis strains implies strain evolution in 40 years**
Özcengiz G.
14th Congress of Microbiologists in Bulgaria with International Participation, Haskovo, Bulgaria, 10 - 13 October 2018, pp.10
- IV. **Streptomyces clavuligerus'ta Lysa ve Ccar Genlerinin Sefamisin C Biyosentezi Üzerindeki Etkileri(CCAR VERİLERİ A9 NOLU MAKALENİN BAZI SONUÇLARINI İÇERMEKTEDİR)**
Otur Ç., KURT KIZILDOĞAN A., ÖZCENGİZ G.
19. uluslararası katılımlı ulusal biyoteknoloji kongresi, Eskişehir, Turkey, 1 - 03 December 2017, pp.61
- V. **Streptomyces clavuligerus'ta lysaA ve ccarR genlerinin sefamisin C biyosentezi üzerindeki etkileri**
Özcengiz G., Kurt Kızıldoğan A.
19. Uluslararası Katılımlı Ulusal Biyoteknoloji Kongresi , Eskişehir, Turkey, 1 - 03 December 2017, pp.61
- VI. **Bacillus subtilis ΔbacA mutantının karşılaştırmalı dinamik sekretom analizi**
Özcengiz G., Özcan S.
2. Ulusal Proteomik Kongresi , İstanbul, Turkey, 24 - 25 November 2017, pp.16
- VII. **Klavulanik asit aşırı üreticisi endüstriyel S. clavuligerus suşunda fizyolojik değişimlerin proteomik yöntemler ile belirlenmesi**
Özcengiz G., Becher D.
2. Ulusal Proteomik Kongresi, İstanbul, Turkey, 24 - 25 November 2017, pp.6
- VIII. **Antibiyotik rezistom analizlerinde proteomik ve metaproteomik teknolojiler**
Özcengiz G.
2. Ulusal Proteomik Kongresi , İstanbul, Turkey, 24 - 25 November 2017, pp.28
- IX. **Bordetella pertussis'e ait rekombinant dış membran protein Q, demir süperoksit dismutaz ve putatif lipoproteinin immün koruyucu kapasitelerinin değerlendirilmesi**
Özcengiz G., Özcengiz E.
6. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Adana, Turkey, 5 - 07 October 2017, pp.49
- X. **Bacilysin is a small, fine-tuning effector of mother cell compartment-specific σE and σK regulons in Bacillus subtilis**

- Özcengiz G., Karataş A.
19th International Conference on Bacilli and Gram-Positive Bacteria , Berlin, Germany, 11 - 15 June 2017, pp.12
- XI. **Assessment of immune protective capacity of the recombinant Iron Superoxide Dismutase (FeSOD) from Bordetella pertussis**
Özcengiz G., Özcengiz E.
FEMS 2015-6th Congress of European Microbiologists , Maastricht, Netherlands, 7 - 11 June 2015, pp.181
- XII. **Sistem Biyolojisi ve Rezistom Analizi: Çevresel Meta Örneklerden Kliniğe**
Özcengiz G.
37. Türk Mikrobiyoloji Kongresi , Antalya, Turkey, 16 - 20 November 2016, pp.116-122
- XIII. **Differential proteomics of wild type and engineered strains of S. clavuligerus**
Özcengiz G.
17th International Symposium on the Biology of Actinomycetes (ISBA17), Aydın, Turkey, 8 - 12 October 2014, pp.109
- XIV. **An overview of Streptomyces proteomics**
Özcengiz G.
17th International Symposium on the Biology of Actinomycetes, Aydın, Turkey, 8 - 12 October 2014, pp.37
- XV. **Proteome-wide analysis of the functional roles of bacilysin biosynthesis in Bacillus subtilis**
Özcengiz G., Karataş A.
16th European Congress on Biotechnology , Edinburgh, United Kingdom, 13 - 16 July 2014, vol.31, pp.68
- XVI. **Assessment of immune protective capacities of the recombinant fimbrial protein X (FimX), glutamine binding periplasmic protein (GlnBP) and iron superoxide dismutase (FeSOD) from Bordetella pertussis**
Özcengiz G., Özcengiz E.
FEMS 2013-5th Congress of European Microbiologists, Leipzig, Germany, 21 - 25 July 2013, pp.307
- XVII. **Lessons from Bordetella pertussis proteomics**
Özcengiz G.
FEMS 2013-5th Congress of European Microbiologists, Leipzig, Germany, 21 - 25 July 2013, pp.52
- XVIII. **Jele dayalı ve jelden bağımsız yaklaşımlarla Bordetella pertussis proteomu ve alt proteomları**
Özcengiz G.
PROTEOMİSTANBUL 2013 [Uluslararası Katılımlı Proteomik Kursu ve Çalıştayı, İstanbul, Turkey, 15 - 17 July 2013, pp.1
- XIX. **Boğmaca etkeni Bordetella pertussis'in tamamlanmış tüm hücrel proteomu**
Özcengiz G.
9. Ankara Biyoteknoloji Günleri, Ankara, Turkey, 17 - 18 October 2011, pp.102-107
- XX. **Monitoring the regulatory effect of ccaR gene on the cephamycin C cluster in Streptomyces clavuligerus**
Özcengiz G.
4th Congress of European Microbiologists FEMS 2011 , Geneve, Switzerland, 26 - 30 June 2011, pp.54
- XXI. **Analysis of cross immune reactions between standard and local strains of Bordetella pertussis in Turkey**
Elvin I., Tefon B. E., Özcengiz E., ÖZCENGİZ G.
36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.297
- XXII. **Development of new vaccine strategies against Pasteurella multocida**
Özcengiz G., Özcengiz E., Okay S.
Prato Conference on the Pathogenesis of Bacterial Diseases of Animals , Prato, Italy, 6 - 09 October 2010, pp.47
- XXIII. **Serratia marcescens'e ait kitinaz A geninin tütün bitkisine aktarılması.**
Özcengiz G., Öktem H. A., Yücel A. M.
XVI. Ulusal Biyoteknoloji Kongresi , Antalya, Turkey, 13 - 16 December 2009, pp.14-15
- XXIV. **Bordetella pertussis Tohama I ve Saadet suşuna ait PPIase, POMP ve FIMX genlerinin klonlanması**
Özcengiz G.
XVI. Ulusal Biyoteknoloji Kongresi , Antalya, Turkey, 13 - 16 December 2009, pp.71-72

- XXV. **Kurşunun Phanerochaete chrysosporium Polyadenilat Bağlanma, ATP-Bağımlı RNA Helikaz ve Splicing Faktör RNPS1 Proteinlerini Kodlayan Genlerin Zamana Bağlı İfadeleri Üzerindeki Etkisi**
Özcengiz G.
XVI. Ulusal Biyoteknoloji Kongresi , Antalya, Turkey, 13 - 16 December 2009, pp.30
- XXVI. **Yabani tip Streptomyces clavuligerus ve hom geni delesyona uğramış mutantında aspartokinaz (ask) geni çoklu kopyasının homolog ekspresyonu: Hücre içi serbest amino asit seviyesindeki değişimler**
Özcengiz G.
XVI. Ulusal Biyoteknoloji Kongresi , Antalya, Turkey, 13 - 16 December 2009, pp.314-317
- XXVII. **Pasteurella multocida P-1062 suşuna ait ompH geninin klonlanması ve biyoinformatik analizi.**
Özcengiz G.
XVI. Ulusal Biyoteknoloji Kongresi , Antalya, Turkey, 13 - 16 December 2009, pp.15
- XXVIII. **Proteome-wide analysis of functional roles of bacilysin biosynthesis in Bacillus subtilis.**
Özcengiz G., Karataş A.
International Symposium on Biotechnology: Developments and Trends, Ankara, Turkey, 27 - 30 September 2009, pp.98
- XXIX. **Transcriptional analysis of the effect of ccaR regulatory gene on cephamycin C biosynthesis by Streptomyces clavuligerus**
Özcengiz G.
International Symposium on Biotechnology: Developments and Trends , Ankara, Turkey, 27 - 30 September 2009, pp.74
- XXX. **Cross immune reactions between strains of Bordetella pertussis: Standard Tahoma I versus local isolates.**
Özcengiz G.
International Symposium on Biotechnology: Developments and Trends, Ankara, Turkey, 27 - 30 September 2009, pp.72
- XXXI. **Metabolic engineering of aspartate pathway for increased production of cephamycin C in Streptomyces clavuligerus**
Özcengiz G.
International Symposium on Biotechnology: Developments and Trends, Ankara, Turkey, 27 - 30 September 2009, pp.99
- XXXII. **Cytoplasmic and outer membrane proteome of B. parapertussis 12822 and immunological analysis of its cytoplasmic proteins**
Özcengiz G.
International Symposium on Biotechnology: Developments and Trends , Ankara, Turkey, 27 - 30 September 2009, pp.95
- XXXIII. **Integration of a regulatory gene into the chromosome of an industrial Streptomyces clavuligerus strain for enhanced clavulanic acid biosynthesis**
Özcengiz G.
International Symposium on Biotechnology: Developments and Trends , Ankara, Turkey, 27 - 30 September 2009, pp.73
- XXXIV. **Outer membrane proteome of Bordetella pertussis Tohama**
Özcengiz G.
3rd FEMS Congress of European Microbiologists, Gothenburg, Sweden, 28 June - 02 July 2009, pp.30
- XXXV. **Immunoproteomic analysis of the secretome of Bordetella pertussis.**
Özcengiz G.
3rd FEMS Congress of European Microbiologists, Gothenburg, Sweden, 28 June - 02 July 2009, pp.27
- XXXVI. **The regulation effects of codY and abrB on the expression of yvfI in Bacillus subtilis**
Özcengiz G., Karataş A.
IUMS-XII. International Congress of Bacteriology and Applied Microbiology , İstanbul, Turkey, 5 - 09 August 2008, pp.64
- XXXVII. **The effects of Phr peptides on the expression of bacABCDE operon in B. subtilis**

- Özcengiz G., Karataş A.
IUMS-XII. International Congress of Bacteriology and Applied Microbiology , İstanbul, Turkey, 5 - 09 August 2008, pp.113
- XXXVIII. **Cephamycin C overproduction upon releasing relaxing precursor flux by genetic engineering and medium formulation.**
Özcengiz G.
IUMS-XII. International Congress of Bacteriology and Applied Microbiology, İstanbul, Turkey, 5 - 09 August 2008, pp.98
- XXXIX. **Proteomics of Stress Response in Microbes: A Brief Overview**
Özcengiz G.
IUMS-XII. International Congress of Bacteriology and Applied Microbiology , İstanbul, Turkey, 5 - 09 August 2008, pp.36
- XL. **Homologous expression of cry3Aa11 in Bacillus thuringiensis Mm2 increases the production of Coleoptera-specific delta-endotoxin**
Özcengiz G.
IUMS-XII. International Congress of Bacteriology and Applied Microbiology , İstanbul, Turkey, 5 - 09 August 2008, pp.77
- XLI. **Low-cost medium development for production of Bacillus thuringiensis-based biopesticides**
Özcengiz G.
IUMS-XII. International Congress of Bacteriology and Applied Microbiology , İstanbul, Turkey, 5 - 09 August 2008, pp.88
- XLII. **Characterization and homologous expression of endochitinase gene (chi3023) from Bacillus thuringiensis serovar. morrisoni.**
Özcengiz G.
IUMS-XII. International Congress of Bacteriology and Applied Microbiology , İstanbul, Turkey, 5 - 09 August 2008, pp.75
- XLIII. **The effects of spo0A-abrB regulation system on the expression of yvfI gene in B. subtilis**
Özcengiz G., Karataş A.
IUMS-XII. International Congress of Bacteriology and Applied Microbiology, İstanbul, Turkey, 5 - 09 August 2008, pp.61
- XLIV. **Phanerochaete chrysosporium'un İlk Proteom Haritası ve Ağır Metal Yanıtının Proteom Analizi**
Özcengiz G.
XV. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 28 - 31 October 2007, pp.257-261
- XLV. **Bordetella pertussis ve Bordetella parapertussis'in İmmunojenik Proteinlerinin İmmunoproteomik Yöntemler Kullanılarak Karşılaştırılması.**
Özcengiz G.
XV. Ulusal Biyoteknoloji Kongresi , Antalya, Turkey, 28 - 31 October 2007, pp.447-450
- XLVI. **cry3Aa11 Geninin Çoklu Kopyasının Bacillus thuringiensis Mm2'nin Toksin Üretimi Üzerine Etkisi**
Özcengiz G.
XV. Ulusal Biyoteknoloji Kongresi , Antalya, Turkey, 28 - 31 October 2007, pp.313-316
- XLVII. **Streptomyces clavuligerus'un Parental Şuşunda ve Homoserin Dehidrogenaz Bloke Mutantında Aspartokinaz Geninin Homolog Çoklu Kopyalarının Sefamisin C Üretimine Etkisinin Karşılaştırılması**
Özcengiz G.
XV. Ulusal Biyoteknoloji Kongresi , Antalya, Turkey, 28 - 31 October 2007, pp.299
- XLVIII. **Bacillus thuringiensis alttür morrisoni Kitinaz Geninin Karakterizasyonu**
Özcengiz G.
XV. Ulusal Biyoteknoloji Kongresi , Antalya, Turkey, 28 - 31 October 2007, pp.303-306
- XLIX. **Yenilenebilir Atıkların Lepidoptera-, Diptera- ve Kınkanatlılar- Özgü Kristal Protein Üretimi İçin Substrat Olarak Kullanılması ve Üretime Etkileri**
Özcengiz G.
XV. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 28 - 31 October 2007, pp.310-316

- L. **spo0A, spo0H, comA, comP ve comQ Gen Ürünlerinin Bacillus subtilis bacABCDE Operonunun Ekspresyonu Üzerine Etkileri.**
Özcengiz G., Karataş A.
XV. Ulusal Biyoteknoloji Kongresi , Antalya, Turkey, 28 - 31 October 2007, pp.47-48
- LI. **Bordetella pertussis immunoproteome**
Özcengiz G.
International Conference of Immunogenomics and Immunomics , Budapest, Hungary, 8 - 12 October 2006, pp.320
- LII. **Cloning, characterization and heterologous expression of mesodiaminopimelic acid decarboxylase (lysA) gene from Streptomyces clavuligerus**
Özcengiz G.
2nd FEMS Congress of European Microbiologists, Madrid, Spain, 4 - 08 July 2006, pp.250
- LIII. **Aspartate pathway engineering for improving cephamycin C yields in S. clavuligerus**
Özcengiz G.
2nd FEMS Congress of European Microbiologists, Madrid, Spain, 4 - 08 July 2006, pp.128
- LIV. **Effect of homologous multiple copies of ask gene on cephamycin C biosynthesis in Streptomyces clavuligerus**
Taskin B., Tunca S., Ozcengiz G.
31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.325-326
- LV. **Disruption of hom gene of Streptomyces clavuligerus and its effects on cephamycin C yields**
Caydasi A. K., Yilmaz E. I., Ozcengiz G.
31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.325
- LVI. **Türkiye’xxdeki tifi olmayan salmonellaların moleküler karakterizasyonu**
ELPEK K., İÇGEN B., YILDIRMAK T., ÖZCENGİZ G.
12. Biyoteknoloji Kongresi, Turkey, 17 - 21 August 2001
- LVII. **Effect of bacterial treatment on silver recovery from Artvin-Kafkasor ore**
Ozdemir Z., Ozbayoglu G., Atalay U., Ozcengiz G., Alaeddinoglu G.
8th International Mineral Processing Symposium (IMPS-2000), Antalya, Turkey, 16 - 18 October 2000, pp.553-556
- LVIII. **Enhanced recovery of silver from Artvin-Kafkasor ore by microbial treatment**
Salameh M., Ozcengiz G., Atalay U., Ozbayoglu G., Alaeddinoglu N.
13th International Symposium on Biohydrometallurgy (IBS 99), Madrid, Spain, 20 - 23 June 1999, vol.9, pp.493-499
- LIX. **Heavy metal biosorption by white-rot fungi**
YETİŞ Ü., ÖZCENGİZ G., DİLEK F. B., Ergen N., Erbay A., Dölek A.
Proceedings of the 1998 19th Biennial Conference of the International Association on Water Quality. Part 1 (of 9), Vancouver, Canada, 21 - 26 June 1998, vol.38, pp.323-330
- LX. **Heavy Metal Biosorption by Polyporous Versicolor**
erbay a., YETİŞ Ü., DİLEK F. B., ÖZCENGİZ G.
MESAEP, 9th International Symposium on Environmental Pollution and its Impact on Life in the Mediterranean Region, Italy, 4 - 09 October 1997
- LXI. **SUBCELLULAR-DISTRIBUTION OF ACCUMULATED HEAVY-METALS IN SACCHAROMYCES-CEREVISIAE AND KLUYVEROMYCES-MARXIANUS**
YAZGAN A., OZCENGIZ G.
2nd Conference on Advances in Biochemical Engineering (ABE 2), Brighton, United Kingdom, 4 - 06 July 1994, pp.151-153
- LXII. **Subcellular distribution of accumulated heavy metals in S. cerevisiae and K. marxianus**
Yazgan A., ÖZCENGİZ G.
Proceedings of the 2nd Conference on Advances in Biochemical Engineering, Brighton, England, 4 - 06 July 1994, pp.151-153
- LXIII. **BIOCHEMICAL AND MOLECULAR CHARACTERIZATION OF CRYSTAL PROTEIN-NEGATIVE MUTANTS OF**

BACILLUS-THURINGIENSIS

AFKHAMI P., HALICIGIL C., ÖZCENGİZ G., ALAEDDINOĞLU N.

6th European Congress on Biotechnology (ECB6), Florence, Italy, 13 - 17 June 1993, vol.9, pp.1081-1084

Supported Projects

ÖZCENGİZ G., KOCABAY N., Project Supported by Higher Education Institutions, BACILLUS SUBTILIS BASİLİSİN-NEGATİF GENOTİPİNİN BASİLİSİN ÜRETİMİNE YÖNELİK KARŞILAŞTIRILMALI TRANSKRİPTOMİK ANALİZİ, 2020 - 2021

Özcengiz G., Özcengiz E., Erdal Türkmen N., KOSGEB, Gebe Ruminant Hücresiz Perfringens (B,C,D)-Tetanoz - Kolibasillozis Aşısı Geliştirilmesi - Optimizasyonu ve Deneysel Aşı Üretimi. , 2018 - 2020

ÖZCENGİZ G., Project Supported by Higher Education Institutions, Investigation of Changes in mRNA Levels of Sporulation Related Genes in OGU1 Strain in Comparison to Standard Strain PY79 of Bacillus subtilis, 2018 - 2019

Özcengiz G., TUBITAK Project, TÜBİTAK-KBAG-116Z351(2017-2019): Bacillus subtilis Standart Suş (PY79) ile Basilisinin Bloke Edildiği Suşun (OGU1) Karşılaştırmalı Dinamik Sekretom Analizi (İşlerel, E. T., Özcengiz, G.) 256.434,00 TL, 2018 - 2019

ÖZCENGİZ G., Project Supported by Higher Education Institutions, Streptomyces clavuligerus NRRL3585 ve S. clavuligerus Antibiyotik Aşırı Üretici Mutantlarında Sekonder Metabolit Üretimini Etkileyen Genlerin RNA Seviyesinde Araştırılması, 2017 - 2017

ÖZCENGİZ G., Project Supported by Higher Education Institutions, BORDETELLA PERTUSSİS BAKTERİSİNE AİT SERİN PROTEAZ PROTEİNİNİN E. COLİ BAKTERİSİNE KLONLANMASI, OVER-EKSPRESYONU VE İMMUNOJENİK ÖZELLİĞİNİN ARAŞTIRILMASI, 2017 - 2017

GÖZEN A. G., BEKLİOĞLU M., KEPENEK E. Ş., İZGÜ K. F., GÜNDÜZ U., GÜRSEL M., DOĞAN M., ÖZCENGİZ G., BİLGİN C. C., ÖNDE S., Project Supported by Higher Education Institutions, Kurşun ve Kadmiyum Ağır Metallerinin Yüksek Derişimlerine alıştırılmış Çevresel Bakterilerde Maruziyet Altındaki Fizyolojik Uyumlamanın Moleküler Kökenleri, 2016 - 2016

ÖZCENGİZ G., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

ÖZCENGİZ G., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

GÖZEN A. G., BEKLİOĞLU M., İZGÜ K. F., GÜRSEL M., DOĞAN M., ÖZCENGİZ G., BİLGİN C. C., ÖNDE S., Project Supported by Higher Education Institutions, Tatlısu Acinetobacter türlerinin antibiyotik maruziyeti altında sergiledikleri moleküler değişimlerin belirlenmesi, 2015 - 2015

Özcengiz G., TUBITAK Project, Streptomyces clavuligerus proteomiği-Optimizasyon , 2014 - 2015

ÖZCENGİZ G., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

ÖZCENGİZ G., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

ÖZCENGİZ G., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

ÖZCENGİZ G., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

ÖZCENGİZ G., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

Özcengiz G., TUBITAK Project, Bordetella pertussis'e Ait Rekombinant Fimbrial Protein X (FimX), Putatif Peptidil Prolil Sis-Trans İzomeraz (PPPIase) Glutamin Bağlayıcı Periplasmik Protein (GlnBP), Putatif Peptidoglikan Bağlayıcı Protein ve Şaperonin 10 (Hsp 10) Proteinlerinin İmmün Koruyucu Kapasitelerinin Değerlendirilmesi , 2013 - 2015

ÖZCENGİZ G., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

ÖZCENGİZ G., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

ÖZCENGİZ G., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

ÖZCENGİZ G., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

GÖZEN A. G., ÖKTEM H. A., BUCAK T., COPPENS J. E. P., KALVENAS J. E., İZGÜ K. F., BEKLİOĞLU M., BİRAND ÖZSOY A. C., GÜNDÜZ U., GÜRSEL M., et al., Project Supported by Higher Education Institutions, Sucul biofilm bakterilerinin arsenik, nikel ve kadmiyum dirençlerinin belirlenmesi ve moleküler karakterizasyonu, 2013 - 2014

ÖZCENGİZ G., TEKİN İŞLEREL E., Project Supported by Higher Education Institutions, PASTEURELLA MULTOCIDA'YA AİT p1pE VE ompH PROTEİNLERİ KULLANILARAK TAVUK KOLERASINA KARŞI AŞI STRATEJİLERİNİN GELİŞTİRİLMESİ, 2013 - 2013

Özcengiz G., TUBITAK Project, Streptomyces clavuligerus'da ccaR regülatör geninin sefamisin C biyosentezine olan etkisinin transkripsiyonel ve proteom ölçekli analizi, 2010 - 2012

ÖZCENGİZ G., Project Supported by Higher Education Institutions, Hücre İçi Protein Lokalizasyonu Öngörüsü Yapan Yazılım Geliştirilmesi, 2011 - 2011

Özcengiz G., TUBITAK Project, TÜBİTAK-TBAG 108T937: P. chryso sporium'da ağır metal stres yanıtının moleküler dinamikleri: Zamana bağlı sitozolik proteom, plazma membran proteomu ve fosfoproteom, 2008 - 2011

Özcengiz G., TUBITAK Project, Rekombinant DNA yöntemleriyle klavulanik asit üretim veriminin artırılması, 2008 - 2010

Özcengiz G., TUBITAK Project, Bordetella pertussis'den yüksek çözünürlüklü proteom ve altproteom örneklerinin hazırlanması , 2007 - 2008

Activities in Scientific Journals

FRONTIERS IN MICROBIOLOGY, Committee Member, 2021 - Continues

Bioengineered, Committee Member, 2021 - Continues

Scientific Refereeing

FRONTIERS IN PUBLIC HEALTH, SCI Journal, September 2022

RESEARCH IN MICROBIOLOGY, SCI Journal, August 2022

TÜBA Project, Istanbul University, Turkey, May 2022

Bioengineered, SCI Journal, December 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, November 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, November 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, November 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, November 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, November 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, November 2021

Bioengineered, SCI Journal, July 2021

FEMS MICROBIOLOGY ECOLOGY (FEDERATION OF EUROPEAN MICROBIOLOGICAL SOCIETIES), SCI Journal, April 2021

Development Agency, Fulbright, Turkey, March 2021

Metrics

Publication: 142

Citation (WoS): 1382

Citation (Scopus): 1552

H-Index (WoS): 21

H-Index (Scopus): 22

Scholarships

Collaborative Research Grant , Other Government Agencies, 1997 - 1997

Visiting Scientist, Other Government Agencies, 1995 - 1996

Postdoc Scholarship, Other Government Agencies, 1990 - 1990

Collaborative Research Grant , Other Government Agencies, 1988 - 1988

Lisans Seviyede Fakülte Birincisi , Foundation, 1978 - 1980

Awards

Özcengiz G., High Academic Performance Award, Metu, June 2003

Özcengiz G., High Academic Performance Award, Metu, June 2001

Özcengiz G., High Academic Performance Award, Metu, June 2000

Özcengiz G., First honor in B. Sc. , Hacettepe University, June 1988

Non Academic Experience

ODTÜ