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Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji-Genetik Ve Biyoteknoloji Programı, Turkey 2004 - 2011

Advising Theses

Ordu E., Kurt Gür G., Kestane Dal Kanseri İle Biyolojik Mücadelede Humik Maddelerin Patojenin Hipovirulens Oluşturmasına Etkisinin İncelenmesi, Postgraduate, B.BALA(Student), 2023

Kurt Gür G., Ordu E., Recombinant expression and characterization of a novel endoglucanase enzyme obtained by metagenomics approach, Postgraduate, F.Abdullah(Student), 2022

Kurt Gür G., Ordu E., Halofilik bir candida türünden NAD⁺-bağımlı format dehidrogenaz geninin klonlanması ve heterolog ekspresyonu, Postgraduate, Ö.BAŞSARAÇ(Student), 2021

Kurt Gür G., Hasançebi S., İnsan interlökin 7 geninin (IL7) moleküler klonlaması, Postgraduate, G.KORKUT(Student), 2019

KURT GÜR G., Zeytin beta glukozidaz geninin Pichia pastoris'te ekspresyonu, Postgraduate, G.Zeytun(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Effect of Storage Conditions and Time on the Antimicrobial Activities of CuO Nanoparticles**
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- II. **A Novel Organic Solvent Tolerant NAD⁺-dependent Formate Dehydrogenase from Halophilic Yeast Candida diddensiae**
KURT GÜR G., Arslan E., Başsaraç Ö., ORDU E.
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- III. **Combinatorial decolorization performance of Pycnoporus sanguineus MUCL 38531 sourced recombinant laccase/mediator systems on toxic textile dyes**
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- IV. **Determination of the Optimum Annealing Temperature in the Production of CuO Nanoparticles with Antimicrobial Properties**
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- V. **Microbiota profiling and screening of the lipase active halotolerant yeasts of the olive brine**
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- VI. **In Vitro Evaluation of Immunogenicity of Recombinant OMP25 Protein Obtained from Endemic Brucella abortus Biovar 3 as Vaccine Candidate Molecule Against Animal Brucellosis**
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- VII. **In vitro propagation of Salvia sclarea L. by meta-Topolin, and assessment of genetic stability and secondary metabolite profiling of micropropagated plants**
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- VIII. **Synthesis of New 4-Oxo-Tetrahydroindol Derivatives by Using Chemical and Microbial Biotransformation Methods**
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- IX. **Stress response of NAD(+)-dependent formate dehydrogenase in Gossypium hirsutum L. grown under copper toxicity**
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- X. **Characterization of a novel thermotolerant NAD(+)-dependent formate dehydrogenase from hot climate plant cotton (Gossypium hirsutum L.)**
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- XI. **The novel gene yvfI in Bacillus subtilis is essential for bacilysin biosynthesis**
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Refereed Congress / Symposium Publications in Proceedings

- I. **RECOMBINANT PRODUCTION OF A NOVEL INDUSTRIALLY IMPORTANT FORMAT DEHYDROGENASE ENZYME FROM CANDIDA DIDDENSIAE**
Arslan E., Kurt Gür G., Ordu E.
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- II. **Halofilik Bir Candida Türünden NAD(P)+-Bağımlı Format Dehidrogenaz Klonlanması**
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- III. **Metagenomik Yaklaşımla Elde Edilen Endoglukanaz Enziminin Karakterizasyonu**
Çalış F., Demirci H., Kurt Gür G., Ordu E.
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- IV. **Yeni bir Yaklaşımla 4-Oxo-tetrahidroindolTürevlerinin Biyotransformasyonu**
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- V. **Green Remediation Of Polluted Soils By Using Commercially Important Crop Gossypium Hirsutum**
Sunulu A., Demirci H., Kurt Gür G., Ordu E.

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- VI. **Mikrobiyal Biyotransformasyon ile Biyoaktif Bileşiklerin Sentezleri**
Avcı K., Erdöl S., Kurt Gür G., Ordu E., Çalışkan Z.
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- VII. **İnsan IL-4 Geninin Pjlt61 Vektörüne Klonlanması” 5.Biyomalzeme Günleri**
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- VIII. **Cloning and Molecular Analysis of Endemic Brucella abortus Omp25 Gene**
Atabey T., Kurt Gur G., Ordu E., Erdemir A., Gulluce M., Arasoglu T.
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- IX. **METAGENOMIC APPROACH TO INVESTIGATE THE NOVEL ENZYMES DEGRADING PLANT BIOMASS**
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- X. **MINING THE NOVEL HALOTOLERANT ENZYMES FROM MICROBIAL COMMUNITIES OF FOOD FERMENTATION**
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- XII. **Konvansiyonel Koşullarda Yetiştirilmiş Fasulye Yapraklarında Anlatımı Artan Genlerin İzolasyonları**
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- XIII. **Zeytin Beta Glukosidaz Geninin Pichia pastoris te Ekstraselüler Ekspresyonu**
ZEYTUN G., KURT GÜR G., YÜCE E., ÖZDEMİR ÖZGENTÜRK N., DEMİR S., VURAL KORKUT Ş.
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- XIV. **Determination of the cis acting elements in the promoter region of olive Olea europaea L Cv Gemlik Glucosidase gene**
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- XV. **Determination of the cis-acting elements in the promoter region of olive (Olea europaea L. Cv. Gemlik) β Glucosidase gene", International Enzymes for Biocatalysis Workshop**
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- XVI. **Isolation and Cloning of a Laccase specific gene from the White-Rot Fungus Coriolopsis polyzona MUCL 38443**
Tetik B., Kurt Gür G., Tamerler C., Yazgan Karataş A.
The 5th Congress of European Microbiologists (FEMS 2013), Leipzig, Germany, 21 July 2013, pp.1
- XVII. **Cloning of Gene Encoding Beta Glucosidase from leaves of olive (Olea Europaea L.) exposed to cold stress. 1st International Congress of Molecular Biology Association of Turkey, İstanbul, Türkiye, 01 Kasım 2012, ss.1**
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- XVIII. **Cloning of Gene Encoding Beta Glucosidase from leaves of olive (Olea Europaea L.) exposed to cold stress**
Çavuşoğlu Dolma G., Özdemir Özgentürk N., Kurt Gür G., Ordu E., Yüce E., Vural Korkut Ş.
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- XIX. Heterologous expression of an isoform of *Pycnoporus sanguineus* laccase-2 in yeast *Saccharomyces cerevisiae***
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- XX. Purification and characterization of heterologous laccase isolated from white-rot fungi *Pycnoporus sanguineus* in *Saccharomyces cerevisiae***
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Kurt Gür G., Yeşiladalı K., Yazgan Karataş A., Tamerler C., Varışlı E.
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- XXII. The effects of CodY Regulatory Gene on the Expression Profile of ywfH in *Bacillus subtilis***
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- XXIII. The Effects of Insertional Inactivation of Spo0A and AbrB Genes on the Expression of ywfH Gene in *Bacillus subtilis***
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- XXV. The Effect of yvfI Null Mutation on the Expression of ywfH gene in *Bacillus subtilis***
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- XXVI. Cloning and heterologous expression of a novel fungal laccase, lcc2, in yeast *Pichia pastoris***
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- XXVII. Site-directed mutation on T1 site of a *Pycnoporus sanguineus* laccase**
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- XXVIII. Yeşil Alg (*Chlamydomonas reinhardtii*) Hücrelerinde Ağır Metaller Karşı İndüklenen Metalotiyonin-I Geninin mRNA ve Protein Düzeyinde Ekspresyonunun İncelenmesi**
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Supported Projects

ÇALIŞKAN Z., Yılmaz L., KURT GÜR G., Project Supported by Higher Education Institutions, Aspergillus Türleri ile İndol Türevlerinin Biyotransformasyonu, 2023 - Continues

ÖZDEMİR ÖZGENTÜRK N., Neziri S., KURT GÜR G., Project Supported by Higher Education Institutions, Metforminin İnsan Dermal Fibroblasts hücre hatlarının yaşlanma süreci üzerinde etkisi, 2023 - Continues

ORDU E., DARICI H., Molo K., KURT GÜR G., Project Supported by Higher Education Institutions, Feline Enfeksiyöz Peritonit (FIP) Etmeni Feline Koronavirüse (FCoV) Özgü Eksozomal Antiviral Bir Etmenin Geliştirilmesi, 2023 - Continues

ORDU E., KURT GÜR G., ARSLAN E., Project Supported by Higher Education Institutions, Organik Çözgenlere Dayanıklı

Yeni bir Halotolerant Format Dehidrogenazın Rekombinant Ekspresyonu ve Karakterizasyonu, 2021 - 2023
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Kurt Gür G., Ordu E., Erişen S., Gürel A., Project Supported by Other Official Institutions, Gençleştirme Çalışmalarının Sapsız Meşe (Quercus Petraea (Matt.) Liebl.) meşcerelerindeki genetik çeşitliliğe etkisi, 2019 - 2021
Yurtsever M., Kurt Gür G., TÜBİTAK Project, Zeytin (Olea Europaea L. Cv. Gemlik) Yaprağından Klonlanmış Lipaz Enziminin Pichia Pastoris'te Ekspresyonu, 2018 - 2020
Ordu E., Kurt Gür G., TÜBİTAK Project, Pamuk Bitkisinden (Gossypium Hirsutum) İzole Edilen Nad⁺-Bağımlı Format Dehidrogenaz'ın Rekombinant Üretimi Ve Biyoteknolojik Kullanımının Araştırılması, 2017 - 2019
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