

Lect. HALİL DÜNDAR

Personal Information

Email: halildundar@gazi.edu.tr
Web: <https://avesis.gazi.edu.tr/11604>

Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey 1999 - 2006
Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey 1995 - 1999
Undergraduate, Hacettepe University, Fen Fakültesi, Turkey 1990 - 1994

Dissertations

Doctorate, Characterization and purification of a bacteriocin produced by leuconostoc mesenteroides subsp. cremoris, Middle East Technical University, Analiz ve Fonksiyonlar Teorisi, 2006
Postgraduate, Utilization of lignacellulosic compounds for the production of cellulases by torula thermophila, Middle East Technical University, Analiz ve Fonksiyonlar Teorisi, 1999

Academic Titles / Tasks

Research Assistant, Hacettepe University, Fen Fakültesi, 2005 - 2006
Lecturer, Hacettepe University, Fen Fakültesi, 2004 - 2005
Lecturer, Hacettepe University, Kaman Meslek Yüksekokulu, 2001 - 2004

Advising Theses

DÜNDAR H., Determination of in service education requirements of class teachers related to fourth class science and technology course, Postgraduate, S.Dülgergil(Student), 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Combination of the histone deacetylase inhibitor valproic acid and stopcodon readthrough therapy produces improved alpha-galactosidase activity in Fabry patient-derived R227X fibroblasts
Dündar H., BİBEROĞLU G., İNCİ A., OKUR İ., Tumer L., Ezgu F.
EUROPEAN JOURNAL OF HUMAN GENETICS, vol.30, no.SUPPL 1, pp.558, 2022 (SCI-Expanded)
- II. Synergistic action of the chemical chaperone 4-phenylbutyrate and the pharmacological chaperone migalastat on restoration of alpha-galactosidase activity of Fabry G258R mutation
DÜNDAR H., BİBEROĞLU G., İNCİ A., OKUR İ., TÜMER L., EZGÜ F. S.
MOLECULAR GENETICS AND METABOLISM, vol.135, no.2, 2022 (SCI-Expanded)
- III. The chemical chaperone 4-phenylbutyrate enhances alpha-galactosidase activity subsequent to stop-codon read-through therapy with triamterene in Fabry R227X fibroblasts
Dündar H., Biberoğlu G., İnci A., Işık Gönül İ., Okur İ., Tümer L., Ezgü F. S.

- MOLECULAR GENETICS AND METABOLISM, vol.132, no.2, 2021 (SCI-Expanded)
- IV. Bacteriocinogenic Potential of Enterococcus faecium Isolated from Wine**
Dundar H.
Probiotics and Antimicrobial Proteins, vol.8, no.3, pp.150-160, 2016 (SCI-Expanded)
- V. Purification and characterization of a bacteriocin from an oenological strain of Leuconostoc mesenteroides subsp cremoris**
Dundar H., SALİH B., Bozoglu F.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.46, no.4, pp.354-359, 2016 (SCI-Expanded)
- VI. Comparison of Two Methods for Purification of Enterocin B, a Bacteriocin Produced by Enterococcus faecium W3**
Dundar H., Atakay M., Çelikbıçak Ö., Salih B., Bozoglu F.
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.45, no.8, pp.796-809, 2015 (SCI-Expanded)
- VII. The fsr Quorum-Sensing System and Cognate Gelatinase Orchestrate the Expression and Processing of Proprotein EF_1097 into the Mature Antimicrobial Peptide Enterocin O16**
Dundar H., Brede D. A., La Rosa S. L., El-Gendy A. O., Diep D. B., Nes I. F.
JOURNAL OF BACTERIOLOGY, vol.197, no.13, pp.2112-2121, 2015 (SCI-Expanded)
- VIII. Large-scale purification of a bacteriocin produced by Leuconostoc mesenteroides subsp cremoris using diatomite calcium silicate**
Dundar H., Çelikbıçak Ö., Salih B., Bozoglu T. F.
TURKISH JOURNAL OF BIOLOGY, vol.38, no.5, pp.611-618, 2014 (SCI-Expanded)
- IX. Galactosemia in the Turkish population with a high frequency of Q188R mutation and distribution of Duarte-1 and Duarte-2 variations**
Oezgul R. K., Guezel-Ozantuerk A., Dündar H., Yuecel-Yilmaz D., Coşkun T., Sivri S., Aydogdu S., Tokatlı A., Dursun A.
JOURNAL OF HUMAN GENETICS, vol.58, no.10, pp.675-678, 2013 (SCI-Expanded)
- X. Microarray based mutational analysis of patients with methylmalonic acidemia: Identification of 10 novel mutations**
Dündar H., Özgül R. K., Guzel-Ozanturk A., Dursun A., Sivri S., Aliefendioglu D., Coskun T., Tokatlı A.
MOLECULAR GENETICS AND METABOLISM, vol.106, no.4, pp.419-423, 2012 (SCI-Expanded)
- XI. Identification of a Novel Twinkle Mutation in a Family With Infantile Onset Spinocerebellar Ataxia by Whole Exome Sequencing**
Dündar H., Özgül R. K., Yalnızoğlu D., Erdem S., Oguz K. K., Tuncel D., Temuçin Ç. M., Dursun A.
PEDIATRIC NEUROLOGY, vol.46, no.3, pp.172-177, 2012 (SCI-Expanded)
- XII. Submerged cultivation of Scytalidium thermophilum on complex lignocellulosic biomass for endoglucanase production**
Ogel Z., Yarangumeli K., Dundar H., Ifrij I.
ENZYME AND MICROBIAL TECHNOLOGY, vol.28, pp.689-695, 2001 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. Triamterene-induced suppression of R227X premature termination codon in Fabry disease**
Dündar H., Udgı B., Biberoğlu G., Incı A., Ezgu F. S., İşık Gönül İ., Okur İ., Tümer L.
16th Annual Research Meeting of the WORLDSymposium(TM), Florida, United States Of America, 10 - 14 February 2020, vol.129
- II. Triamterene normalizes glycosaminoglycan accumulation in an IDUA-W402X mouse model of MPS I (Hurler syndrome) via nonsense suppression**
Bedwell D., Siddiqui A., Dundar H., Echols J., Du M., Rasmussen L., Bostwick J. R., Suto M., Keeling K.
15th Annual Research Meeting of the WORLDSymposium(TM), Florida, United States Of America, 4 - 07 February 2019, vol.126
- III. In vitro translational readthrough by gentamicin and geneticin improves GLA activity in Fabry disease**

- Dündar H, Biberoğlu G, Okur İ, Tümer L, Ezgü F. S.
13th Annual Research Meeting on We're Organizing Research for Lysosomal Diseases (WORLD), California, United States Of America, 13 - 17 February 2017, vol.120
- IV. **Genome wide genotyping for the characterization of disease locus in a family with an uncharacterized neurometabolic disease**
DÜNDAR H., YÜCEL D., DURSUN A., ÖZGÜL R. K.
Annual Symposium of the Society for the Study of Inborn Error of Metabolism, İstanbul, Turkey, 31 August - 03 September 2010, vol.33, pp.173
- V. **Purification characterization and partial amino acid sequence of mesentericin W3 a new anti Listeria bacteriocin**
Dündar H, Salih B.
36. FEBS Kongresi, Turin, Italy, 25 - 30 June 2011, vol.278, pp.167
- VI. **Next generation sequencing in a family with infantile onset spinocerebellar ataxia identified a novel missense mutation in C10orf2 gene**
DÜNDAR H., ÖZGÜL R. K., YALNIZOĞLU D., ERDEM ÖZDAMAR S., TUNCER D., AKARSU A. N., DURSUN A.
European Human Genetics Conference, Amsterdam, Netherlands, 28 - 31 May 2011, pp.11
- VII. **Identification of a novel insertion mutation in PCCA gene of a Turkish propionic acidemia patient**
DÜNDAR H., ÖZGÜL R. K., DURSUN A.
9. Uluslararası Katılımlı Ulusal Tibbi Genetik Kongresi, İstanbul, Turkey, 1 - 05 December 2010, vol.78, pp.125
- VIII. **Structural analysis of three novel missense mutations in the Mut gene of methylmalonic acidemia patients**
DÜNDAR H., ÖZGÜL R. K., DURSUN A.
9. Uluslararası Katılımlı Tibbi Genetik Kongresi, İstanbul, Turkey, 1 - 05 December 2010, vol.78, pp.125
- IX. **Characterization of fahasecin a powerful bacteriocin isolated from wine flora In addition to control of MF in wines the inhibition of important pathogens is provided**
YURDUGÜL S., DÜNDAR H., BOZOĞLU T. F.
Central European Symposium on Industrial Microbiology and Microbial Ecology, MALINSKA, Croatia, 22 - 25 September 2010
- X. **Homozigotluk haritalaması ve ekzon dizileme yöntemi ile infantile onset spinocerebellar ataxi IOSCA ya neden olan C10orf2 gen mutasyonunun saptanması**
ÖZGÜL R. K., DÜNDAR H., YALNIZOĞLU D., ERDEM ÖZDAMAR S., TUNCER D., TEMUÇİN Ç. M., AKARSU A. N., DURSUN A.
Uluslararası Katılımlı 11. Metabolik Hastalıklar ve Beslenme Kongresi, ÇESME/İZMİR, Turkey, 14 - 16 April 2011
- XI. **Molecular and structural analysis of six nonsense mutations in mut methylmalonic acidemia patients including two novel nonsense mutations**
DÜNDAR H., ÖZGÜL R. K., ÜNAL Ö., KARACA M., AYDIN H. İ., TOKATLI A., SİVRİ H. S., COŞKUN T.
Annual Symposium of the Society for the Study of Inborn Error of Metabolism, İstanbul, Turkey, 31 August - 03 September 2010, vol.33, pp.177
- XII. **Galactosemia in a Turkish population with a high prevalence of Q188R mutation**
GÜZEL A., ÖZGÜL R. K., DÜNDAR H., COŞKUN T., SİVRİ H. S., TOKATLI A., GÖKSUN E., HİŞMİ B., DURSUN A.
Annual Symposium of the Society for the Study of Inborn Error of Metabolism, İstanbul, Turkey, 31 August - 03 September 2010, vol.33, pp.66
- XIII. **Molecular analysis of homocystinuria in Turkish patients**
KARACA M., ÖZGÜL R. K., DÜNDAR H., COŞKUN T., TOKATLI A., SİVRİ H. S., DURSUN A.
Annual Symposium of the Society for the Study of Inborn Error of Metabolism, İstanbul, Turkey, 31 August - 03 September 2010, vol.33, pp.35
- XIV. **Association of polyneuropathy mental retardation sensorineural hearing loss 6th nerve palsy convulsions and oral dyskinesia a probable new neurometabolic disorder**
DURSUN A., YALNIZOĞLU D., DÜNDAR H., ERDEM ÖZDAMAR S., AKARSU A. N., ÖZGÜL R. K.
Annual Symposium of the Society for the Study of Inborn Error of Metabolism, İstanbul, Turkey, 31 August - 03 September 2010, vol.33, pp.178

- XV. **Mutation profile of BCKDHA BCKDHB and DBT genes for maple syrup urine disease in Turkey**
ÖZGÜL R. K., GÜZEL A., DÜNDAR H., YÜCEL D., YILMAZ A., ÜNAL Ö., TOKATLI A., SİVRİ H. S., COŞKUN T., DURSUN A.
Annual Symposium of the Society for the Study of Inborn Error of Metabolism, İstanbul, Turkey, 31 August - 03 September 2010, vol.33, pp.23
- XVI. **Cirrhosis associated with propionate metabolism**
DURSUN A., DÜNDAR H., ÖZGÜL R. K., TALİM B., KALE G., DEMİR H., SALTIK TEMİZEL İ. N., TOKATLI A., SİVRİ H. S., COŞKUN T.
Annual Symposium of the Society for the Study of Inborn Error of Metabolism, İstanbul, Turkey, 31 August - 03 September 2010, vol.33, pp.50
- XVII. **Screening of ATP7B gene mutations in Turkish patients with Wilson disease by custom designed resequencing microarrays**
YILMAZ A., GÜZEL A., DÜNDAR H., DURSUN A., USLU N., YUCE A., ÖZGÜL R. K.
Annual Symposium of the Society for the Study of Inborn Error of Metabolism, İstanbul, Turkey, 31 August - 03 September 2010, vol.33, pp.160
- XVIII. **Analysis of MUT gene mutations in Turkish patients with methylmalonic acidemia using resequencing microarrays identification of fourteen novel mutations**
DÜNDAR H., ÖZGÜL R. K., DURSUN A.
European Human Genetics Conference, GÖTEBORG, Sweden, 12 - 15 June 2010, pp.355
- XIX. **Leuconostoc mesenteroides subsp cremoris tarafından üretilen bir bakteriyosinin büyük ölçekte ve hızlı saflaştırılması**
DÜNDAR H., BOZOĞLU T. F.
19. Ulusal Biyoloji Kongresi, Trabzon, Turkey, 23 - 27 June 2008, pp.98
- XX. **Leuconostoc mesenteroides subsp cremoris tarafından üretilen bir bakteriyosinin tanımlanması**
DÜNDAR H., BOZOĞLU T. F.
15. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 28 - 31 October 2007, pp.21
- XXI. **Leuconostoc mesenteroides subsp cremoris tarafından üretilen bir bakteriyosinin saflaştırılması**
DÜNDAR H., BOZOĞLU T. F.
15. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 28 - 31 October 2007, pp.51

Metrics

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