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Biyografi

2011 yılından beri Araştırma Görevlisi olarak çalıştığım Marmara Üniversitesi, Fen Edebiyat Fakültesi, Bitki Hastalıkları ve Mikrobiyoloji Anabilim Dalı, Biyoloji Bölümüne, 2020 yılında Dr.Öğretim Üyesi olarak atandım. İlgi alanlarım ılımlı halofil Bakteriler, haloversatil Bakteriler, aşırı halofil Arkeler, antimikrobiyal ajanlar, elektrik akımı ve deri mikrobiyolojisidir.

Eğitim Bilgileri

Doktora, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, Türkiye 2010 - 2015

Yüksek Lisans, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji Anabilim Dalı, Türkiye 2007 - 2010

Lisans, Marmara Üniversitesi, Atatürk Eğitim Fakültesi, Matematik ve Fen Bilimleri Eğitimi Bölümü, Türkiye 2002 - 2007

Yabancı Diller

İngilizce, B2 Orta Üstü

Sertifika, Kurs ve Eğitimler

Yabancı Dil, E.T.C. English Language Studies, E.T.C. English Language Studies Bournemouth/İngiltere, 2006

Yabancı Dil, English Time Language Schools, English Time Language Schools İstanbul/Türkiye, 2005

Yaptığı Tezler

Doktora, KÜÇÜKBAŞ HAYVAN DERİLERİNDEKİ ILIMLI HALOFİL BAKTERİLERİN KARAKTERİZASYONU, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji (Dr), 2015

Yüksek Lisans, TUZLANMIŞ DERİLERDEN ILIMLI VE AŞIRI HALOFİL BAKTERİLERİN İZOLASYONU VE MOLEKÜLER YÖNTEMLERLE KARAKTERİZASYONU, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji (YI) (Tezli), 2010

Araştırma Alanları

Mikrobiyoloji, Bakteriyoloji, Temel Bilimler

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2020 - Devam Ediyor
Araştırma Görevlisi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2011 - Devam Ediyor
Araştırma Görevlisi Dr., Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2015 - 2020

Akademik İdari Deneyim

Biyolojik Bilimler Kulübü Başkan Yardımcısı, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2018 - Devam Ediyor
Staj Komisyonu Üyeliği, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2012 - Devam Ediyor
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2018 - 2019
Muayene Komisyonu Üye Yedek, Marmara Üniversitesi, Fen - Edebiyat Fakültesi, Biyoloji Bölümü, 2013 - 2014

Verdiği Dersler

Epidemiyoloji, Lisans, 2020 - 2021
Mikrobiyal Ekoloji, Yüksek Lisans, 2020 - 2021
Virüs Konukçu İlişkisi, Yüksek Lisans, 2020 - 2021

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Identification of Slightly Halophilic Bacteria From Salted Sheepskin Samples and Investigation of Their Biotechnological Importance**
Yalcin D., Caglayan P., Berber D.
Journal of the Society of Leather Technologists and Chemists, cilt.108, sa.1, ss.9-22, 2024 (SCI-Expanded)
- II. **Negative Effects of Haloversatile Bacteria in Salt on Skins and Their Control with Direct Electric Current in the Leather Industry**
Sabah Abdülhüseini H., Çağlayan P., Birbir M., Birbir Y.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGIES AND CHEMISTS, cilt.107, sa.1, ss.201-214, 2023 (SCI-Expanded)
- III. **Evaluation of Antibacterial Potencies of Eight Lichen Extracts Against Gram-Positive Moderately Halophilic Bacteria**
Toksoz O., Turkmenoglu I., Berber D., ÇAĞLAYAN P., BİRBİR M., SESAL N. C.
Johnson Matthey Technology Review, cilt.67, sa.1, ss.85-96, 2023 (SCI-Expanded)
- IV. **Efficacy of Antimicrobial Agent Containing Sodium Dimethyldithiocarbamate Against Halobacterium salinarum, Haloarcula salaria and Haloarcula tradensis Causing Red Heat on Salted Sheepskins**
ÇAĞLAYAN P., BİRBİR M.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, cilt.106, sa.4, ss.165-170, 2022 (SCI-Expanded)
- V. **Antibacterial Properties of Several Lichen Extracts Two Moderately Halophilic Bacteria from Salted Sheepskins**
Türkmenoğlu I., Toksöz O., Berber D., ÇAĞLAYAN P., BİRBİR M., SESAL N. C.
Journal of the American Leather Chemists Association, cilt.117, sa.4, ss.153-163, 2022 (SCI-Expanded)

- VI. **Prokaryotic Communities in the Thalassohaline Tuz Lake, Deep Zone, and Kayacik, Kaldirim and Yavsan Salterns (Turkey) Assessed by 16S rRNA Amplicon Sequencing**
Akpolat C., Beatriz Fernandez A., ÇAĞLAYAN P., ÇALLI B., BİRBİR M., Ventosa A.
MICROORGANISMS, cilt.9, sa.7, 2021 (SCI-Expanded)
- VII. **Preparation and antimicrobial properties of LL-37 peptide immobilized lignin/caprolactone polymer film**
OGAN A., Yuce-Dursun B., Abdullah D., Beyler-Cigil A., KAHRAMAN M. V., ÇAĞLAYAN P., BİRBİR M., MUTLU Ö., GÜLSOY N.
POLYMERS FOR ADVANCED TECHNOLOGIES, cilt.31, sa.10, ss.2222-2228, 2020 (SCI-Expanded)
- VIII. **The Destructive Effects of Extremely Halophilic Archaeal Strains on Sheepskins, and Proposals for Remedial Curing Processes Use of sterile brine or direct electric current to prevent red heat damage on salted sheepskins**
Birbir M., Çağlayan P., Birbir Y.
JOHNSON MATTHEY TECHNOLOGY REVIEW, cilt.64, sa.4, ss.489-503, 2020 (SCI-Expanded)
- IX. **Antibiotic Susceptibility Patterns of Gram-negative Moderately Halophilic Bacteria Isolated from Salted Skins**
ÇAĞLAYAN P., BİRBİR M., Ventosa A.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, cilt.104, sa.2, ss.67-76, 2020 (SCI-Expanded)
- X. **Enzymatic Reactions and Phylogenetic Analysis of Haloversatile Bacteria Isolated from Çamaltı Saltern Salt Samples used in Leather Industry**
ÇAĞLAYAN P.
Journal Of The American Leather Chemists Association, cilt.115, ss.450-461, 2019 (SCI-Expanded)
- XI. **Elimination of Antibiotic Resistant Enterobacteriaceae via Combined Application of Direct Electric Current, Alternating Electric Current and 2-Thiocyanomethylthio benzothiazole**
Birbir M., Yazici E., Çağlayan P., Birbir Y., Goebel R. A.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, cilt.103, ss.85-90, 2019 (SCI-Expanded)
- XII. **Investigation of Antibiotic-Resistant Enterobacteriaceae Isolated from Soaked Sheepskins and Cattle Hides**
Birbir M., Yazici E., Çağlayan P.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, cilt.103, ss.6-13, 2019 (SCI-Expanded)
- XIII. **Screening of Bacteriocin Production from Moderately Halophilic Skin Isolates to Inhibit Moderately Halophilic Bacteria Producing Protease and Lipase**
Çağlayan P., Birbir M.
JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, cilt.113, ss.385-399, 2018 (SCI-Expanded)
- XIV. **Detection of industrially potential enzymes of moderately halophilic bacteria on salted goat skins**
Çağlayan P., Birbir M., Sanchez-Porro C., Ventosa A.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, cilt.43, ss.312-322, 2018 (SCI-Expanded)
- XV. **Investigation of Moderately Halophilic Bacteria Causing Deterioration of The Salted Sheep and Goat Skins and Their Extermination via Electric Current Applications**
Çağlayan P., Birbir M., Sanchez Porro C., Ventosa A., Birbir Y.
Journal Of The American Leather Chemists Association, cilt.113, ss.41-52, 2018 (SCI-Expanded)
- XVI. **Investigation of Moderately Halophilic Bacteria Causing Deterioration of The Salted Sheep and Goat Skins and Their Extermination via Electric Current**
ÇAĞLAYAN P., BİRBİR M., Sanchez Porro C., Ventosa A., BİRBİR Y.
Journal Of The American Leather Chemists Association, 2018 (SCI-Expanded)
- XVII. **Screening of Industrially Important Enzymes Produced by Moderately Halophilic Bacteria Isolated from Salted Sheep Skins of Diverse Origin**
Çağlayan P., Birbir M., Sanchez-Porro C., Ventosa A.
JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, cilt.112, ss.207-216, 2017 (SCI-Expanded)
- XVIII. **Polyhydroxyalkanoate production from moderately halophilic Bacillus strains**

Ogan A., Fetahovic M., Çağlayan P., Birbir M., Çallı B., Bayrakdar A., Daniş Ö.

Febs Journal, cilt.284, ss.106, 2017 (SCI-Expanded)

- XIX. The Effects of Alternating and Direct Electric Currents on Moderately Halophilic Bacteria in Leather Industry**
Çağlayan P., Birbir M., Ogan A., Ventosa A., Sinchez-Porro C., Birbir Y.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, cilt.100, ss.307-313, 2016 (SCI-Expanded)
- XX. ANTIBACTERIAL ACTIVITY OF SOPHOROLIPIDS PRODUCED BY CANDIDA BOMBICOLA ON AGAINST GRAM POSITIVE AND GRAM NEGATIVE BACTERIA ISOLATED FROM SALTED HIDES**
Solaiman D., Ashby R. D., Birbir M., Çağlayan P.
Journal Of The American Leather Chemists Association, cilt.111, sa.10, ss.358-364, 2016 (SCI-Expanded)
- XXI. Examination of Multidrug-resistant Enterobacteriaceae Isolated from Salted Cattle Hides and Sheep Skins**
Birbir M., Ulusoy K., Çağlayan P.
JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, cilt.111, ss.334-344, 2016 (SCI-Expanded)
- XXII. Characterization of Moderately Halophilic Bacteria from Salt-Pack-Cured Hides**
Çağlayan P., Sanchez-Porro C., Ventosa A., Birbir M.
JOURNAL OF THE SOCIETY OF LEATHER TECHNOLOGISTS AND CHEMISTS, cilt.99, ss.250-254, 2015 (SCI-Expanded)
- XXIII. MOLECULAR IDENTIFICATION OF MODERATELY HALOPHILIC BACTERIA AND EXTREMELY HALOPHILIC ARCHAEA ISOLATED FROM SALTED SHEEP SKINS CONTAINING RED AND YELLOW DISCOLORATIONS**
Akpolat C., Ventosa A., Birbir M., Sanchez-Porro C., Çağlayan P.
JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, cilt.110, ss.211-220, 2015 (SCI-Expanded)
- XXIV. Annihilation of Extremely Halophilic Archaea in Hide Preservation Salt Using Alternating Electric Current**
Birbir Y., Anik S., Birbir M., Çağlayan P.
Johnson Matthey Technology Review, cilt.59, ss.109-119, 2015 (SCI-Expanded)
- XXV. Extermination of bacteria in hide-brine curing liquors using combined alternating and direct electric current applications plus bronopol**
Birbir Y., Dolek N., Birbir M., Çağlayan P.
ROMANIAN BIOTECHNOLOGICAL LETTERS, cilt.20, ss.10123-10133, 2015 (SCI-Expanded)
- XXVI. SYNERGISTIC EFFECT OF DIRECT AND ALTERNATING ELECTRIC CURRENT TREATMENTS AND BRONOPOL TO INACTIVATE BACTERIA FOUND IN HIDE SOAK LIQUORS**
Birbir Y., Dolek N., Birbir M., Çağlayan P.
JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, cilt.108, ss.373-385, 2013 (SCI-Expanded)
- XXVII. AN EXAMINATION OF INACTIVATION EFFICACY OF NaCl AND BORIC ACID ON BACTERIA ISOLATED FROM SALTED HIDES**
Birbir M., Cicek R., Çağlayan P., Aslan E.
JOURNAL OF THE AMERICAN LEATHER CHEMISTS ASSOCIATION, cilt.108, ss.171-179, 2013 (SCI-Expanded)
- XXVIII. *Salimicrobium salexigens* sp nov., a moderately halophilic bacterium from salted hides**
De La Haba R. R., Yilmaz P., Sanchez-Porro C., Birbir M., Ventosa A.
SYSTEMATIC AND APPLIED MICROBIOLOGY, cilt.34, ss.435-439, 2011 (SCI-Expanded)
- XXIX. *Thalassobacillus pellis* sp nov., a moderately halophilic, Gram-positive bacterium isolated from salted hides**
Sanchez-Porro C., Yilmaz P., De La Haba R. R., Birbir M., Ventosa A.
INTERNATIONAL JOURNAL OF SYSTEMATIC AND EVOLUTIONARY MICROBIOLOGY, cilt.61, ss.1206-1210, 2011 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **A Detailed Study on Halotolerant Bacteria Isolated from Food Salts Collected from Different Countries**
BİRBİR M., Helva Ş., ÇAĞLAYAN P.
International journal of advances in engineering and pure sciences (Online), cilt.34, ss.271-287, 2022 (Hakemli Dergi)
- II. **Characterization of Planococcus dechangensis isolated from a water sample of Çamaltı Saltern**
ÇAĞLAYAN P.
SU URUNLERI DERGISI, cilt.38, ss.527-531, 2021 (ESCI)
- III. **Determination of important enzymes and antimicrobial resistances of gram-positive haloalkaliphilic bacteria isolated from Salda Lake**
ÇAĞLAYAN P.
SU URUNLERI DERGISI, cilt.38, ss.375-382, 2021 (ESCI)
- IV. **Aktif İçeriği Sodyum dimetilditiyokarbamat Olan Antimikrobiyal Maddenin Antibiyotiklere Dirençli Referans Bakteri Suşlarına Karşı Minimum İnhibitör Konsantrasyonlarının Araştırılması**
Çağlayan P.
Marmara Fen Bilimleri Dergisi, cilt.4, ss.415-421, 2018 (Hakemli Dergi)
- V. **Deri Endüstrisinde Kullanılan Metilizotiazolinon İçeren Antimikrobiyal Maddenin Referans Suşlar Üzerine Minimum İnhibisyon Konsantrasyonu**
Çağlayan P.
Selcuk University Journal of Science Faculty, cilt.44, ss.149-156, 2018 (Hakemli Dergi)
- VI. **Electrochemical Inactivation of Proteolytic and Lipolytic Hide Bacteria**
Birbir M., Birbir Y., Yılmaz E., Çağlayan P.
International Journal of Bioscience, Biochemistry and Bioinformatics, cilt.6, ss.121-129, 2016 (Hakemli Dergi)
- VII. **Halofillerden elde edilen Proteaz ve lipazların deri sanayinde kullanımı**
BİRBİR M., ÇAĞLAYAN P., OGAN A.
Tübitak Proje çalıştay, Türkiye Denizlerinin Biyoteknolojik kullanımı, ss.131-144, 2016 (Hakemsiz Dergi)
- VIII. **Ilımlı halofil bakterilerin biyoteknolojik önemleri**
ÇAĞLAYAN P., BİRBİR M., OGAN A.
Tübitak Proje çalıştay, Türkiye Denizlerinin Biyoteknolojik kullanımı, ss.156-172, 2016 (Hakemsiz Dergi)
- IX. **Deniz mikroorganizmalarından elde edilen enzimler**
OGAN A., ÇAĞLAYAN P., BİRBİR M.
Tübitak Proje çalıştay, Türkiye Denizlerinin Biyoteknolojik kullanımı, ss.99-112, 2016 (Hakemsiz Dergi)
- X. **Application of Alternating Electric Current in Leather Industry to Kill Extremely Halophilic Archaea Found in Brine Solutions**
Birbir Y., Anık S., Birbir M., Çağlayan P.
Journal of Automation and Control Engineering, cilt.3, ss.343-346, 2015 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **TOTAL BACTERIAL COUNT OF SEAWATER SAMPLES OF MARMARA SEA**
BADELİ N., ÇAĞLAYAN P.
7th INTERNATIONAL CONGRESS ON INNOVATIVE ASPECTS FOR LEATHER INDUSTRY – IAFLI 2023, Türkiye, 23 - 24 Kasım 2023
- II. **DETERMINATION OF CASEINASE ACTIVITY OF SLIGHTLY HALOPHILIC BACTERIA ISOLATED FROM SALTED SHEEP SKINS**
YALÇIN D., BERBER D., ÇAĞLAYAN P.
7th INTERNATIONAL CONGRESS ON INNOVATIVE ASPECTS FOR LEATHER INDUSTRY – IAFLI 2023, Türkiye, 23 - 24 Kasım 2023

- III. **ANTIBIOTIC RESISTANCE PROFILES OF HALOARCULA SALARIA, HALOBACTERIUM SALINARUM AND HALOARCULA TRADENSIS**
ÇAĞLAYAN P., BİRBİR M.
VI. International Congress on Domestic Animal Breeding, Genetics and Husbandry, 03 Ekim 2022
- IV. **Moderately Halophilic Bacteria in Soak Liquors in Leather Industry**
BİRBİR M., ÇAĞLAYAN P.
I. International Advances in Molecular Biology Congress, 19 Eylül 2022
- V. **13. Total counts of cellulolytic non-halophilic bacteria, moderately halophilic bacteria and extremely halophilic archaea in the brine and salt samples of Ayvalık saltern in Türkiye**
Saygan E., ÇAĞLAYAN P., Akpolat C., BİRBİR M.
II INTERNATIONAL BIOLOGY CONGRESS, 18 Mayıs 2022
- VI. **In Vitro Antibacterial Effect of Propolis On Reference Strains**
ÇAĞLAYAN P., BİRBİR M., ÖZBAY Ö.
The 5th International Health Science and Life Congress IHSLC2022, 10 Mart 2022
- VII. **DETECTION OF TOTAL HALOVERSATILE BACTERIAL COUNTS FOUND ON THE SALTED HIDE SAMPLES IN LEATHER INDUSTRY**
ÇAĞLAYAN P.
8. International Conference on Multidisciplinary Sciences, 02 Mart 2022
- VIII. **ISOLATION AND CHARACTERIZATION OF MODERATELY HALOPHILIC BACILLUS HAYNESII AND BACILLUS VELEZENSIS FROM SALTED SHEEP SKINS**
BİRBİR M., ÇAĞLAYAN P.
V International Leather Engineering Congress Innovative Aspects for Leather Industry IAFLI2019, 10 - 12 Ekim 2019
- IX. **Isolation and 16S rRNA sequence analysis of six environmental haloversatile bacteria from Çamaltı Saltern**
ÇAĞLAYAN P.
BioEco2019- International Biodiversity Ecology Sciences Symposium, 26 - 28 Eylül 2019
- X. **PHENOTYPIC CHARACTERIZATION AND ANTIBIOTIC SUSCEPTIBILITIES OF EWINGELLA AMERICANA AND KLUYVERA INTERMEDIA ISOLATED FROM SOAKED HIDES AND SKINS**
Yazıcı E., BİRBİR M., ÇAĞLAYAN P.
7th International Conference on Advanced Materials and Systems, Bucharest, Romanya, 18 - 20 Ekim 2018, ss.371-376
- XI. **A REVIEW ON CATABOLIC ACTIVITY OF MICROORGANISMS IN LEATHER INDUSTRY**
BİRBİR M., ÇAĞLAYAN P.
7th International Conference on Advanced Materials and Systems, Bucharest, Romanya, 18 - 20 Ekim 2018, ss.301-306
- XII. **A SURVEY STUDY TO DETECT PROBLEMS ON SALTED HIDES AND SKINS**
ÇAĞLAYAN P., BİRBİR M., Ventosa A.
7th International Conference on Advanced Materials and Systems, Bucharest, Romanya, 18 - 20 Ekim 2018, ss.409-414
- XIII. **Phenotypic Characterization and Antibiotic Susceptibilities of Ewingella americana and Kluyvera intermedia Isolated from Soaked Hides and Skins**
Yazıcı E., Birbir M., Çağlayan P.
7. Uluslararası İleri Materyaller ve Sistemler Konferansı (7th International Conference on Advanced Materials and Systems), Bükreş, Romanya, 18 - 20 Ekim 2018
- XIV. **Investigation of Bacterial Species Belonging to Enterobacteriaceae in Lettuce**
ÇAĞLAYAN P., BİRBİR M.
Ecology 2018, Kastamonu, Türkiye, 19 - 23 Haziran 2018
- XV. **Examination of Water Samples Taken from Fountains in Kartal (Yakacik) District, Istanbul**
Gündoğdu Ö., BİRBİR M., ÇAĞLAYAN P.
Ecology 2018, Kastamonu, Türkiye, 19 - 23 Haziran 2018

- XVI. **The Importance of Protease Enzyme in Leather Industry**
Öztürk N., Birbir M., Ogan A., Çağlayan P.
ICABS, Eskişehir, Türkiye, 3 - 05 Mayıs 2018
- XVII. **Lipase Enzyme Produced from Moderately Halophilic Bacteria in Leather Industry**
Güçlü B., BİRBİR M., OGAN A., ÇAĞLAYAN P.
ICABS, Eskişehir, Türkiye, 3 - 05 Mayıs 2018
- XVIII. **Numbers of Slightly Halophilic Bacteria on Goatskins Cured in Different Countries**
ÇAĞLAYAN P., BİRBİR M.
EuroasianBioChem 2018, Ankara, Türkiye, 26 - 27 Nisan 2018
- XIX. **Proteolytic slightly halophilic bacterial numbers on salted goatskins belonging to different countries**
BİRBİR M., ÇAĞLAYAN P.
8th International Istanbul Conference on Evolution Technical Textile (ETT2018), İstanbul, Türkiye, 14 - 16 Nisan 2018
- XX. **Investigation of lipolytic slightly halophilic bacteria on salted goatskins**
ÇAĞLAYAN P., BİRBİR M.
8th International Istanbul Conference on Evolution Technical Textile (ETT2018), İstanbul, Türkiye, 14 - 16 Nisan 2018
- XXI. **Microbiological Studies In The Leather Industry**
ÇAĞLAYAN P., BİRBİR M.
ICAE, Antalya, Türkiye, 16 - 18 Kasım 2017
- XXII. **Inactivation of Hide Bacteria Using Antimicrobial Agent in the Soak Liquors of Leather Industry**
Birbir M., Yılmaz E., Çağlayan P., Ulusoy K.
ICAE, Antalya, Türkiye, 16 - 18 Kasım 2017
- XXIII. **QUINOLONE RESISTANCE OF MODERATELY HALOPHILIC HALOMONAS SPECIES ISOLATED FROM LEATHER INDUSTRY**
ÇAĞLAYAN P., BİRBİR M.
4th International Leather Engineering Congress, İzmir, Türkiye, 19 - 20 Ekim 2017
- XXIV. **LIPASE PRODUCTION OF MODERATELY HALOPHILIC BACTERIAL SPECIES ISOLATED FROM LEATHER INDUSTRY**
ÇAĞLAYAN P., BİRBİR M., OGAN A.
4th International Leather Engineering Congress, 19 - 20 Ekim 2017
- XXV. **BACTERIOCIN PRODUCTION OF MODERATELY HALOPHILIC BACTERIAL SPECIES ISOLATED FROM LEATHER INDUSTRY**
ÇAĞLAYAN P., BİRBİR M.
4th International Leather Engineering Congress, İzmir, Türkiye, 19 - 20 Ekim 2017
- XXVI. **PROTEASE PRODUCTION OF MODERATELY HALOPHILIC BACTERIAL SPECIES ISOLATED FROM LEATHER INDUSTRY**
ÇAĞLAYAN P., BİRBİR M., OGAN A.
4th International Leather Engineering Congress, İzmir, Türkiye, 19 - 20 Ekim 2017
- XXVII. **Polyhydroxyalkanoate production from moderately halophilic Bacillus strains**
OGAN A., Fetahovic M., ÇAĞLAYAN P., BİRBİR M., ÇALLI B., Bayrakdar A., DANIŞ Ö.
42nd Febs Congress, 25 Eylül 2018 - 30 Eylül 2017
- XXVIII. **Production and Analysis of Lipase Enzymes of Halophilic Microorganisms in Escherichia coli**
Touray A., OGAN A., ÇAĞLAYAN P., BİRBİR M., TURAN K.
IVEK, İstanbul, Türkiye, 26 - 29 Nisan 2017
- XXIX. **Production and Analysis of Lipase Enzymes of Halophilic Microorganisms in Escherichia coli**
Touray A., OGAN A., ÇAĞLAYAN P., BİRBİR M., TURAN K.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Türkiye, 26 - 29 Nisan 2017
- XXX. **İlimli Halofil Bakterilerin Biyoteknolojik Önemleri**
Çağlayan P., Birbir M., Ogan A.
Türkiye Denizleri Bakterilerinin Biyoteknolojik Kullanımı Proje Çalıştayı TÜBİTAK ÇAYDAG 114Y690, İstanbul,

Türkiye, 20 Ekim 2016

XXXI. Deniz Mikroorganizmalarından Elde Edilen Enzimler

OGAN A., ÇAĞLAYAN P., BİRBİR M.

Türkiye Denizleri Bakterilerinin Biyoteknolojik Kullanımı Proje Çalıştayı TÜBİTAK ÇAYDAG 114Y690, İstanbul, Türkiye, 20 Ekim 2016

XXXII. Halofillerden Elde Edilen Proteaz Ve Lipazların Deri Endüstrisinde Kullanımları

BİRBİR M., ÇAĞLAYAN P., OGAN A.

Türkiye Denizleri Bakterilerinin Biyoteknolojik Kullanımı Proje Çalıştayı TÜBİTAK ÇAYDAG 114Y690, İstanbul, Türkiye, 20 Ekim 2016

XXXIII. ILIMLI HALOFİL BAKTERİLERİN BİYOTEKNOLOJİK ÖNEMLERİ

ÇAĞLAYAN P., BİRBİR M., OGAN A.

Türkiye Denizlerinin Biyoteknolojik Kullanımı, İstanbul, Türkiye, 20 Ekim 2016

XXXIV. Antimicrobial Resistance of Moderately Halophilic Bacillus Isolates Obtained from Salted Sheep Skins

BİRBİR M., ÇAĞLAYAN P., Sanchez Porro C., Ventosa A.

11th International Congress on Extremophiles, Kyoto, Japonya, 12 - 16 Eylül 2016

XXXV. Lethal Effect of Direct Electric Current on Moderately Halophilic Bacillus Isolates Obtained From Salted Sheep skins

BİRBİR Y., ÇAĞLAYAN P., BİRBİR M., Sanchez Porro C., Ventosa A.

ISE Extromophiles 2016, Kyoto, Japonya, 12 - 16 Eylül 2016

XXXVI. Minimal Inhibitory Concentration of an Antimicrobial Agent Containing benzothiazol 2 ylthio methyl thiocyanate on Moderately Halophilic Isolates from Salted Skins

ÇAĞLAYAN P., BİRBİR M., Sanchez Porro C., Ventosa A.

11th International Congress on Extremophiles, Kyoto, Japonya, 12 - 16 Eylül 2016

XXXVII. Lethal Effect of Direct Electric Current on Moderately Halophilic Bacillus Isolates Obtained from Salted Sheep Skins

BİRBİR Y., ÇAĞLAYAN P., BİRBİR M., Sanchez Porro C., Ventosa A.

11th International Congress on Extremophiles, Kyoto, Japonya, 12 - 16 Eylül 2016

XXXVIII. Covalent immobilization of LL 37 onto lignin caprolactone based polymer and investigation of its antimicrobial activities

OGAN A., YÜCE DURSUN B., Farah D. A., Aslı B. C., ÇAĞLAYAN P., MUTLU Ö., KAHRAMAN M. V., GÜLSOY N., BİRBİR M. FEBS, 3 - 08 Eylül 2016

XXXIX. Screening and Characterization of Lipase from Bacillus Species Isolated from Salted Sheep Skins

Şimşek B. S., ÇAĞLAYAN P., OGAN A., BİRBİR M., YÜCE DURSUN B.

28. Ulusal Kimya Kongresi, Mersin, Türkiye, 15 - 21 Ağustos 2016

XL. Screening of various moderately Bacillus strains for PHA production

Fetahovic M., ÇAĞLAYAN P., OGAN A., DANIŞ Ö., BİRBİR M.

46th IUPAC World Polymer Condress MACRO 2016, İstanbul, Türkiye, 17 - 21 Temmuz 2016

XLI. Electric current and antibacterial agent application to inactivate antibiotic resistant Enterobacteriaceae

BİRBİR M., Yazıcı E., ÇAĞLAYAN P., BİRBİR Y., Goebel R. A.

ELECTROSTATICS JOINT CONFERENCE, Amerika Birleşik Devletleri, 13 - 16 Haziran 2016

XLII. Electrochemical Inactivation of Proteolytic and Lipolytic Hide Bacteria

BİRBİR M., BİRBİR Y., Yılmaz E., ÇAĞLAYAN P.

3rd International Conference on Electrical and Electronics Engineering (ICEEE 2016), İstanbul, Türkiye, 11 - 12 Nisan 2016

XLIII. LL 37 Peptidinin Lignin Kaprolakton Polimerine İmmobilizasyonu ve Antimikrobiyal Özelliğinin İncelenmesi

FARAH D., OGAN A., YÜCE DURSUN B., BEYLER ÇİĞİL A., KAHRAMAN M. V., MUTLU Ö., GÜLSOY N., ÇAĞLAYAN P., BİRBİR M.

27. Ulusal Kimya Kongresi, Çanakkale, Türkiye, 23 - 28 Ağustos 2015

XLIV. S MA057 LL 37 PEPTİDİNİN LİGNİN KAPROLAKTON POLİMERİNE İMMOBİLİZASYONU VE

ANTİMİKROBİYAL ÖZELLİĞİNİN İNCELENMESİ

DEKA A. F., OGAN A., BEYLER ÇİĞİL A., KAHRAMAN M. V., MUTLU Ö., YÜCE DURSUN B., GÜLSOY N., ÇAĞLAYAN P., BİRBİR M.

27. Ulusal Kimya Kongresi 23-28 Ağustos 2015, Türkiye, 23 - 28 Ağustos 2015

- XLV. **Determination of Total Halotolerant Bacteria Moderately Halophilic Bacteria Extremely Halophilic Archaea on Salted Sheep Skins**
ÇAĞLAYAN P., BİRBİR M., ANTONIO V., CRISTINA S. P.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, İzmir, Türkiye, 21 - 22 Mayıs 2015
- XLVI. **Examination of Protease and Lipase Positive Staphylococcus Species on the Salted Goat Skins**
ÇAĞLAYAN P., BİRBİR M., VENTOSA A., SANCHEZ PORRO C.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, İzmir, Türkiye, 21 - 22 Mayıs 2015
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BİRBİR M., ULUSOY K., ÇAĞLAYAN P.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, İzmir, Türkiye, 21 - 22 Mayıs 2015
- XLVIII. **Controlling Antibiotic resistant moderately halophilic bacteria via direct and alternating electric currents**
BİRBİR Y., ÇAĞLAYAN P., BİRBİR M., OGAN A., VENTOSA A., SANCHEZ PORRO C.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, 21 - 22 Mayıs 2015
- XLIX. **Proteolytic and Lipolytic Microbial Populations on Salted Sheep Skins**
ÇAĞLAYAN P., BİRBİR M., VENTOSA A., SANCHEZ PORRO C.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, İzmir, Türkiye, 21 - 22 Mayıs 2015
- L. **An Evaluation of Salted Sheep Skins for Bacterial Population pH Salt Saturation Moisture and Ash Contents**
ÇAĞLAYAN P., BİRBİR M., VENTOSA A., SANCHEZ PORRO C.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, İzmir, Türkiye, 21 - 22 Mayıs 2015
- LI. **Identification of Protease and Lipase Positive Bacteria Isolated from Salted Sheep Skins**
ÇAĞLAYAN P., BİRBİR M., VENTOSA A., SANCHEZ PORRO C.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, İzmir, Türkiye, 21 - 22 Mayıs 2015
- LII. **Determination of Proteolytic and Lipolytic Activities of Microorganisms Obtained from Hides**
YAZICI E., BİRBİR M., OGAN A., ÇAĞLAYAN P.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, İzmir, Türkiye, 21 - 22 Mayıs 2015
- LIII. **Controlling Antibiotic Resistant Moderately Halophilic Bacteria Via Direct and Alternating Electric Currents**
BİRBİR Y., ÇAĞLAYAN P., BİRBİR M., OGAN A., VENTOSA A., SANCHEZ PORRO C.
III. International Leather Engineering Congress, Innovative Aspects for Leather Industry, İzmir, Türkiye, 21 - 22 Mayıs 2015
- LIV. **Characterization and Electrochemical Inactivation of Antibiotic Resistant Acinetobacter johnsonii Isolated from Salted Sheep Skins**
AKPOLAT C., BİRBİR Y., BİRBİR M., VENTOSA A., ÇAĞLAYAN P., SANCHEZ PORRO C.
The 4th International Meeting On Pharmacy & Pharmaceutical Sciences, İstanbul, Türkiye, 18 - 21 Eylül 2014
- LV. **Eradication of Antibiotic Resistant Hide Microorganisms Using Combined Alternating and Direct Electric Currents and Antibacterial Agent**
BİRBİR M., YILMAZ E., BİRBİR Y., ÇAĞLAYAN P.

- The 4th International Meeting On Pharmacy & Pharmaceutical Sciences, İstanbul, Türkiye, 18 - 21 Eylül 2014
- LVI. **Degradative Activities of Antibiotic resistant Staphylococcus saprophyticus, Bacillus pumilus, Gracilibacillus dipsosauri, Bacillus licheniformis and Idiomarina loihiensis**
Çağlayan P., Birbir M., Ogan A., Sanchez Porro C., Ventosa A.
- The 4th International Meeting On Pharmacy & Pharmaceutical Sciences, İstanbul, Türkiye, 18 - 21 Eylül 2014
- LVII. **Antibiotic Resistance Of Gram Positive and Gram Negative Bacteria Isolated from Salted Hides and Their Control Using Antibacterial Agent**
BİRBİR M., ÇAĞLAYAN P., YILMAZ E.
- The 4th International Meeting On Pharmacy & Pharmaceutical Sciences, İstanbul, Türkiye, 18 - 21 Eylül 2014
- LVIII. **Inactivation of Antibiotic resistant Species Belonging to Staphylococcus, Bacillus, Gracilibacillus and Idiomarina via Electric Current**
Çağlayan P., Birbir Y., Birbir M., Sanchez Porro C., Ventosa A.
- The 4th International Meeting On Pharmacy & Pharmaceutical Sciences, İstanbul, Türkiye, 18 - 21 Eylül 2014
- LIX. **Isolation and Identification of Serratia Species on Salted Hides and Skins, Their Susceptibilities to Various Antibiotics**
Ulusoy K., Birbir M., Çağlayan P.
- The 4th International Meeting On Pharmacy & Pharmaceutical Sciences, İstanbul, Türkiye, 18 - 21 Eylül 2014
- LX. **Isolation and Identification of Serratia Species from Salted Hides and Skins and Their Susceptibilities to Penicillins Monobactams Cephalosporins Carbapenems**
KUBRA U., BİRBİR M., ÇAĞLAYAN P.
- The 4th International Meeting On Pharmacy & Pharmaceutical Sciences, Türkiye, 18 - 21 Eylül 2014
- LXI. **Degradative effects of antibiotic resistant Staphylococcus Saprophyticus Bacillus Pummus Gracilibacillus Dipsosari and Idiomarina Loihiensis**
ÇAĞLAYAN P., BİRBİR M., OGAN A., PORRO S., VENTOSA A.
- Fourth International Meeting on Pharmacy and Pharmaceutical Sciences (IMPPS-4), İstanbul, Türkiye, 18 - 21 Eylül 2014
- LXII. **Extermination of Bacteria Found in Hide Brine Curing Liquors in the Leather Industry Using Combined Alternating And Direct Electric Current Applications and Bronopol**
BİRBİR Y., ÇAĞLAYAN P., DÖLEK N., BİRBİR M.
- The 5th International Symposium on Sustainable Development [ISSD 2014], SARAYBOSNA, Bosna-Hersek, 15 - 18 Mayıs 2014
- LXIII. **Annihilation of Bacteria Found in Hide Brine Curing Liquors in the Leather Industry Using Bronopol**
BİRBİR M., ÇAĞLAYAN P., DÖLEK N.
- The 5th International Symposium on Sustainable Development [ISSD 2014], SARAYBOSNA, Bosna-Hersek, 15 - 18 Mayıs 2014
- LXIV. **Destruction of Extremely Halophilic Archaea via Alternating Electric Current**
BİRBİR Y., ANIK S., BİRBİR M., ÇAĞLAYAN P.
- The 5th International Symposium on Sustainable Development [ISSD 2014], SARAYBOSNA, 15 - 18 Mayıs 2014
- LXV. **Actividad Enzimática y Diversidad de Bacterias y Arqueas en Pielles Tratadas con Sal**
AKPOLAT C., SANCHEZ PORRO C., ÇAĞLAYAN P., BİRBİR M., VENTOSA A.
- XXIV Congreso De Microbiologia SEM L'Hospitalet, İspanya, 10 - 13 Temmuz 2013
- LXVI. **Determination of Antibacterial effectiveness of 2-bromo-2-nitropropane-1,3-diol Against Mix Population of Bacteria Isolated from the Salt pack Cured Hides**
BİRBİR M., ÇAĞLAYAN P., DÖLEK N.
- XXXII. CONGRESS OF IULTCS, İstanbul, Türkiye, 29 - 31 Mayıs 2013
- LXVII. **Examination of Antibacterial Activity of Potassium Dimethyl dithiocabamate Against Mix Population of Bacteria Isolated from the Salt pack Cured Hides**
BİRBİR M., DÖLEK N., ÇAĞLAYAN P.
- XXXII. CONGRESS OF IULTCS, İstanbul, Türkiye, 29 - 31 Mayıs 2013
- LXVIII. **Determination of Antibacterial effectiveness of 2-bromo-2-nitropropane-1,3-diol Against Mix Population of Bacteria Isolated from the Salt pack Cured Hides**

BİRBİR M., ÇAĞLAYAN P., Dölek N.

XXXII. Congress of IULTCS, 29 - 31 Mayıs 2013

LXIX. Diversidad de Procariotes en Pielles Tratadas con Sal

Akpolat C., Sanchez Porro C., Çağlayan P., Birbir M., Ventosa A.

XI REUNIÓN DE LA RED NACIONAL DE MICROORGANISMOS EXTREMÓFILOS, Granada, İspanya, 8 - 10 Mayıs 2013

LXX. Taxonomic Characterization of Extremely Halophilic Microorganisms from the Salt pack Cured Hides

ÇAĞLAYAN P., SANCHEZ PORRO C., VENTOSA A., BİRBİR M.

9th International Conference on Extremophiles, Sevilla, İspanya, 10 - 13 Eylül 2012

LXXI. Characterization of Moderately and Extremely Halophilic Microorganisms from Salt-pack Cured Hides

ÇAĞLAYAN P., Sanchez Porro C., Ventosa A., BİRBİR M.

9th International Congress Extremophiles, Sevilla, İspanya, 10 - 13 Eylül 2012

LXXII. New Halophilic Bacteria From Salt-Pack Cured Hides

Ventosa A., ÇAĞLAYAN P., Sanchez Porro C., De La Haba R., BİRBİR M.

International Union of Microbiological Societies 2011 Congress (IUMS 2011), Meeting of the Three Divisions of International Union of Microbiological Societies 2011, 6 - 10 Eylül 2011

LXXIII. Salimicrobium salexigens sp. nov., una Nueva Bacteria Halófila Moderada Aislada de Pielles Tratadas con SAL

De La Haba R., ÇAĞLAYAN P., Sanchez Porro C., BİRBİR M., Ventosa A.

XXIII Congreso Nacional de Microbiología SEM, Türkiye, 11 - 14 Temmuz 2011

LXXIV. Isolation and Characterization of a new Salimicrobium Species from Salted Hides

DE LA HABA R., ÇAĞLAYAN P., SANCHEZ PORRO C., BİRBİR M., VENTOSA A.

Naugural Meeting of Bergey's International Society for Microbial Systematics, Beijing, Çin, 19 - 23 Mayıs 2011

LXXV. Salimicrobium salexigens sp. nov., A Moderately Halophilic Bacterium Isolated from Salted Hides

De La Haba R., ÇAĞLAYAN P., Sanchez Porro C., BİRBİR M., Ventosa A.

X Reunión De La Red Nacional De Microorganismos Extremófilos (X Meeting of The Spanish Scientific Network on Extremophilic Microorganisms) (REDEX 2010), Santa Ana, El Salvador, 28 - 29 Ekim 2010

LXXVI. Isolation and Characterization of a New Moderately Halophilic Thalassobacillus Species with Interest for the Leather Industry

De La Haba R., ÇAĞLAYAN P., Sanchez Porro C., BİRBİR M., Ventosa A.

8th International Congress on Extremophiles, Portekiz, 12 - 16 Eylül 2010

LXXVII. Bacillus halodilgens sp nov a Moderately Halophilic Bacterium with Interest for Leather Industry

DE LA HABA R., ÇAĞLAYAN P., SANCHEZ PORRO C., BİRBİR M., VENTOSA A.

9th International Conference on Halophilic Microorganisms, Beijing, Çin, 29 Haziran - 03 Temmuz 2010

LXXVIII. Thalassobacillus pellis sp nov a Moderately Halophilic Bacterium Isolated from Salted Hides

SANCHEZ PORRO C., ÇAĞLAYAN P., DE LA HABA R., BİRBİR M., VENTOSA A.

9th International Conference on Halophilic Microorganisms, Beijing, Çin, 29 Haziran - 03 Temmuz 2010

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H-İndeks (Scopus): 6

Burslar

NANO-NOCMAT INCOBRA Project, The Horizon H2020 European Program (7-8 Kasım 2018, Madrid/İspanya), Avrupa

Birliđi Komisyonu, 2018 - 2018

Erasmus+ Personel Hareketliliđi Eđitim Alma (Erasmus+ Staff Mobility for Training Mobility), Polytechnic Institute of Viana do Castelo (15 Mayıs 2017-17 Mayıs 2017), Üniversite, 2017 - 2017

Erasmus Staj Hareketliliđi Bursu, Sevilla Üniversitesi, Eczacılık Fakóltesi, Mikrobiyoloji ve Parazitoloji Bölümü, İspanya, Üniversite, 2013 - 2013

Federation of European Microbiological Societies FEMS Young Scientist Meeting Grant (YSMG) , Diđer Uluslararası Organizasyonlar, 2012 - 2012

Marmara Üniversitesi Erasmus Deđişim Programı Öğrencisi, Sevilla Üniversitesi, Eczacılık Fakóltesi, Mikrobiyoloji ve Parazitoloji Bölümü, Üniversite, 2008 - 2009

Marmara Üniversitesi Socrates Intensive Programme EINSTEIN Europe Innovative Science Teachers' Education by Introducing Nowadays, EHSAL European University College Brussels, Üniversite, 2007 - 2007

Ödüller

Çađlayan P., Fen Bilimleri Tebliđ Ödölü, M.Ü. Fen Edebiyat Fakóltesi Dekanlıđı, Haziran 2019