

Prof. KADRİ FATİH İZGÜ

Personal Information

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Education Information

Doctorate, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmakognozi (Dr), Turkey 1980 - 1985

Foreign Languages

English, C1 Advanced

Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Arts and Sciences, Moleküler Biyoloji Ve Genetik Bölümü, 1988 - Continues

Professional Experience

Deputy Head of Department, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 2004 - 2006

Advising Theses

- İZGÜ K. F., Liposome-encapsulated panomycocin: Preparation, characterization and in vitro determination of antifungal efficacy against dermatophytes, Post Graduate, K.TOSUN(Student), 2016
- İZGÜ K. F., LIPOSOME-ENCAPSULATED PANOMYCOCIN: PREPARATION, CHARACTERIZATION AND IN-VITRO DETERMINATION OF ANTIFUNGAL EFFICACY AGAINST VULVOVAGINAL CANDIDIASIS, Post Graduate, G.BAYRAM(Student), 2016
- İZGÜ K. F., SON Ç. D. , Thermostabilization of Panomycocin, a novel exo-beta-1,3-glucanase isolated from *Pichia anomala* NCYC 434, by using excipients and computational methods, Post Graduate, M.TİLAHUN(Student), 2015
- İZGÜ K. F., Determination of in vitro activity of Panomycocin against *Botrytis cinerea*, Post Graduate, N.YERLİ(Student), 2015
- İZGÜ K. F., Panomycocin-incorporated chitosan-TPP nanoparticles: Preparation, characterization and in vitro determination of antifungal activity against human dermatophytes, Post Graduate, E.ELÇİN(Student), 2013
- İZGÜ K. F., Antifungal spectrum determination of the K5 type yeast killer protein on fungi causing spoilage in citrus fruits, Post Graduate, R.AYSUN(Student), 2006
- İZGÜ K. F., Antimicrobial spectrum determination of the K5 type yeast killer protein on bacteria causing skin infections and its cell killing activity, Post Graduate, T.GÖNEN(Student), 2006
- İZGÜ K. F., Determination of antimicrobial spectrum of k9 type yeast killer toxin and its cell killing activity, Post Graduate, B.YENER(Student), 2006
- İZGÜ K. F., Investigation of cytotoxic effect of K5 type yeast killer protein on sensitive microbial cells, Post Graduate, A.SERTKAYA(Student), 2005

İZGÜ K. F. , Antimicrobial spectrum determination of the K5 type yeast killer protein and its kinetics of cell killing, Post Graduate, A.EMRE(Student), 2005

İZGÜ K. F. , Isolation and characterization of the K9 type yeast killer protein, Post Graduate, E.BENER(Student), 2003

İZGÜ K. F. , Immunization of industrial fermentation starter culture strain of Saccharomyces cerevisiae to killer toxin producing Candida tropicalis contamination in the Turkish baking industry, Post Graduate, Y.DERİNEL(Student), 2003

İZGÜ K. F. , Isolation and characterization of the K4 type yeast killer toxin, Post Graduate, T.ACUN(Student), 2003

İZGÜ K. F. , Isolation and characterization of k5 type yeast killer toxin, Post Graduate, D.ERDOĞDU(Student), 2001

İZGÜ K. F. , Isolation and characterization of KG type yeast killer toxins, Doctorate, A.SAĞIROĞLU(Student), 2000

İZGÜ K. F. , The Analysis of the repeated DNA sequences and the mitochondrial DNA restriction profiles of the industrially used saccharomyces cerevisiae strains, Post Graduate, D.ALTINBAY(Student), 1995

İZGÜ K. F. , Identification on the yeast that contaminates the industrial baking strains of saccharomyces cerevisiae and determination of its killer activity, Post Graduate, A.YÜCELİŞ(Student), 1994

İZGÜ K. F. , Identification of r-plasmids of pseudomonas aeruginosa isolates from clinical sources, Post Graduate, J.US(Student), 1993

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Stratum corneum lipid liposome-encapsulated panomycocin: preparation, characterization, and the determination of antimycotic efficacy against Candida spp. isolated from patients with vulvovaginitis in an in vitro human vaginal epithelium tissue model**
İZGÜ K. F. , Bayram G., Tosun K., İzgu D.
INTERNATIONAL JOURNAL OF NANOMEDICINE, vol.12, pp.5601-5611, 2017 (Journal Indexed in SCI)
- **Inhibition of Penicillium digitatum and Penicillium italicum in vitro and in planta with Panomycocin, a novel exo-beta-1,3-glucanase isolated from Pichia anomala NCYC 434**
İzgu D. A. , Kepekci R. A. , İZGÜ K. F.
ANTONIE VAN LEEUWENHOEK INTERNATIONAL JOURNAL OF GENERAL AND MOLECULAR MICROBIOLOGY, vol.99, pp.85-91, 2011 (Journal Indexed in SCI)

Supported Projects

SON Ç. D. , ZABCI S., ATAY Ö., İZGÜ K. F. , DOĞAN M., YANIK T., KOCABIYIK S., ÖNDE S., Project Supported by Higher Education Institutions, G-alpha (i) proteinlerinin homodimerizasyonunun canlı hücrelerde tespiti, 2018 - 2019

SON Ç. D. , ZABCI S., İZGÜ K. F. , DOĞAN M., KOCABIYIK S., MİMİROĞLU D., Project Supported by Higher Education Institutions, Kokain ve Amfetaminle Regüle Edilen Transcript (CART) ile uyarılan fare hipofiz bezi hücre hattında p-ERK yanıtının incelenmesi, 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

İZGÜ K. F. , 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

İZGÜ K. F. , Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

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

İZGÜ K. F., YERLİ N., Project Supported by Higher Education Institutions, PANOMYCOCİN 'İN BOTRYTİS CİNİNEREA SPP ÜZERİNDEKİ İNHİBİTÖR ETKİSİNİN BELİRLENMESİ, 2013 - 2013

Citations

Total Citations (WOS):18

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