



Prof. Dr. FERİDE SEVERCAN

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EDUCATIONAL INFORMATION

Degree	University	Department	Year(s)
Doctoral Degree	Hacettepe University	Department of Physics Engineering	1974 - 1979
Master's Degree	University of Rochester		1969 - 1971
Bachelor's Degree	Ankara University	Department of Physics	1965 - 1969

RESEARCH AREAS

ACADEMIC DUTIES

Duty	University	Area	Year(s)
Professor	Altinbas University	Department of Basic Medical Sciences	2016 -
Professor	Middle East Technical University	Biological Sciences Department	2015 - 2017
Professor	Hacettepe University	Department of Basic Medical Sciences	2015 - 2016
Professor ((additional Officer))	Capital City University	Tip Pr. (in Bursa)	1998 - 2001
Professor ((guest Researcher))	De Montfort University	Biological Sciences	1997 - 2003
Professor (Guest Researcher)	Bath College of Higher Education	Biochemistry	1993 - 1995
Professor (He Retired On November 9, 2015.)	Middle East Technical University	Biological Sciences Department	1992 - 2015
Professor	University of Nine September	Electrical-electronics Engineering Pr.	1990 - 1992
Associate Professor	University of Nine September	Department of Electrical and Electronics Engineering	1986 - 1990
Assistant Professor	Hacettepe University	Department of Physics Engineering	1982 - 1986
Instructor (Phd)	San Francisco State University	Physics	1981 - 1982
Research Assistant	Stanford University	Chemistry	1980 - 1981
Teaching Assistant	Hacettepe University	Department of Physics Engineering	1971 - 1982

ADMINISTRATIVE DUTIES

Duty	University	Year(s)
Program Chair	Altinbas University	2019 -
Program Chair	Altinbas University	2017 -
Head of Department	Altinbas University	2016 -
Head of Department	Middle East Technical University	1994 - 1997

ACADEMIC AND PROFESSIONAL MEMBERSHIPS

Organisation	Membership	Year(s)
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NON-UNIVERSITY EXPERIENCE

Country	Organisation	Duty	Year(s)
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BOOKS

Series Title: Herbal Medicine Back to the Future Infectious Diseases

YÜRÜR GÜLKIZILCA, GEDİK KAPANCIK TUĞÇE NAİME, SEVERCAN METE, EZER ÖZER NAZLI, SEVERCAN FERİDE
Bentham Science Publisher, 978-1-68108-923-2 (Print) 978-1-68108-922-5 (Online), 2021

Scientific Book Chapter(s)

Methods for Bioremediation of Water and Wastewater Pollution

GURBANOV RAFİG, SEVERCAN FERİDE

Springer Nature, 9783030489847, 2020

Scientific Book Chapter(s)

Adipose Tissue

KÜÇÜK BALOĞLU FATMA, SEVERCAN FERİDE

INTECH OPEN, 978-1-78923-229-5, 2018

Scientific Book Chapter(s)

ARTICLES

Vitamin E Derivative with Modified Side Chain Induced Apoptosis by Modulating the Cellular Lipids and Membrane Dynamics in MCF7 Cells

GÖK SEHER, Kuzmenko Oleksandr, Babinskyi Andrii, SEVERCAN FERİDE

Cell Biochemistry and Biophysics, 2021

International DOI: 10.1007/s12013-020-00961-y

Dose-Dependent Differentiation of Gamma-Irradiated Hazelnut Samples by Mid-Infrared Spectroscopy Coupled with Chemometrics

DOĞAN MOLLAOĞLU AYÇA, SEVERCAN METE, SEVERCAN FERİDE

Journal of Spectroscopy, 2020

International DOI: 10.1155/2020/8859104

Discrimination of heavy metal acclimated environmental strains by chemometric analysis of FTIR spectra

Kepenek Eda Seyma, SEVERCAN METE, GÖZEN AYŞE GÜL, SEVERCAN FERİDE

Ecotoxicology and Environmental Safety, 2020

International

Methylation, sugar puckering and Z-form status of DNA from a heavy metal-acclimated freshwater *Gordonia* sp.

GURBANOV RAFİG, TUNÇER SİNEM, Mingu Sara, SEVERCAN FERİDE, GÖZEN AYŞE GÜL

Journal of Photochemistry and Photobiology B: Biology, 2019

International DOI: 10.1016/j.jphotobiol.2019.111580

Methylation, sugar puckering and Z-form status of DNA from a heavy metal-acclimated freshwater *Gordonia* sp.

GURBANOV RAFİG, TUNÇER GURBANOV SİNEM, Mingu Sara, SEVERCAN FERİDE, GÖZEN AYŞE GÜL

Journal of Photochemistry and Photobiology B: Biology, 2019

International DOI: 10.1016/j.jphotobiol.2019.111580

Methylation, sugar puckering and Z-form status of DNA from a heavy metal-acclimated freshwater *Gordonia* sp.

Gurbanov Rafig, Tunçer Sinem, Mingu Sara, SEVERCAN FERİDE, GÖZEN AYŞE GÜL

JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, 2019

International DOI: 10.1016/j.jphotobiol.2019.111580

The effects of radioprotectant and potential antioxidant agent amifostine on the structure and dynamics of DPPC and DPPG liposomes

ÇAKMAK ARSLAN GÜLGÜN, SEVERCAN FERİDE

Biochimica et Biophysica Acta-Biomembranes, 2019

International DOI: doi.org/10.1016/j.bbamem.2019.04.009

ARTICLES**Molecular characterization of acutely and gradually heavy metal acclimated aquatic bacteria by FTIR spectroscopy**

Kepenek Eda Şeyma, GÖZEN AYŞE GÜL, SEVERCAN FERİDE

Journal of Biophotonics, 2019

International DOI: 10.1002/jbio.201800301

Interaction of the cholesterol reducing agent simvastatin with zwitterionic DPPC and charged DPPG phospholipid membranes

SARIIŞIK EDİZ, Kocak Mustafa, KÜÇÜK BALOĞLU FATMA, SEVERCAN FERİDE

BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES, 2019

International DOI: 10.1016/j.bbamem.2019.01.014

Relapsing-Remitting Multiple Sclerosis diagnosis from cerebrospinal fluids via Fourier transform infrared spectroscopy coupled with multivariate analysis

YONAR DİLEK, Ocek Levent, TİFTİKCİOĞLU BEDİLE İREM, Zorlu Yasar, SEVERCAN FERİDE

Scientific Reports, 2018

International DOI: 10.1038/s41598-018-19303-3

Diagnosis of malignant pleural mesothelioma from pleural fluid by Fourier transform-infrared spectroscopy coupled with chemometrics

abbas sherif, ŞİMŞEK ÖZEK NİHAL, EMRİ KAHRAMAN AHMET SALİH, KÖKSAL DENİZ, SEVERCAN METE, SEVERCAN FERİDE

Journal of Biomedical Optics, 2018

International DOI: 10.1117/1.JBO.23.10.105003

Diagnosis of malignant pleural mesothelioma from pleural fluid by Fourier transform-infrared spectroscopy coupled with chemometrics

abbas sherif, ŞİMŞEK ÖZEK NİHAL, EMRİ KAHRAMAN AHMET SALİH, KÖKSAL DENİZ, SEVERCAN METE, SEVERCAN FERİDE

Journal of Biomedical Optics, 2018

International DOI: 10.1117/1.JBO.23.10.105003

Diagnosis of malignant pleural mesothelioma from pleural fluid by Fourier transform-infrared spectroscopy coupled with chemometrics

Abbas Sherif, Simsek Ozek Nihal, Koksall Deniz, EMRİ KAHRAMAN AHMET SALİH, SEVERCAN METE, SEVERCAN FERİDE

Journal of Biomedical Optics, 2018

International DOI: 10.1117/1.JBO.23.10.105003

Side-Effects of Convulsive Seizures and Anti-Seizure Therapy on Bone in a Rat Model of Epilepsy

GARİP USTAOĞLU ŞEBNEM, EVİS ZAFER, İLBAY GÜL, BOSKEY ADELE, SEVERCAN FERİDE

Applied Spectroscopy, 2018

International DOI: 10.1177/0003702817734617

Aspects of silver tolerance in bacteria: infrared spectral changes and epigenetic clues

GURBANOV RAFİG, ŞİMŞEK ÖZEK NİHAL, TUNÇER SİNEM, GÖZEN AYŞE GÜL, SEVERCAN FERİDE

Journal of Biophotonics, 2018

International DOI: 10.1002/jbio.201700252

Aspects of silver tolerance in bacteria: infrared spectral changes and epigenetic clues

Gurbanov Rafig, ŞİMŞEK ÖZEK NİHAL, TUNÇER GURBANOV SİNEM, SEVERCAN FERİDE, GÖZEN AYŞE GÜL

Journal of Biophotonics, 2018

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Journal of Biophotonics, 2018

International DOI: 10.1002/jbio.201700252

ARTICLES**Aspects of silver tolerance in bacteria: infrared spectral changes and epigenetic clues**

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Journal of Biophotonics, 2018

International DOI: 10.1002/jbio.201700252

Relapsing-Remitting Multiple Sclerosis diagnosis from cerebrospinal fluids via Fourier transform infrared spectroscopy coupled with multivariate analysis

YONAR DİLEK, Öcek Levent, Tiftikçioğlu Bedile İrem, Zorlu Yaşar, SEVERCAN FERİDE

Scientific Reports, 2018

International DOI: 10.1038/s41598-018-19303-3

Rapid classification of heavy metal-exposed freshwater bacteria by infrared spectroscopy coupled with chemometrics using supervised method

GURBANOV RAFİG, GÖZEN AYŞE GÜL, SEVERCAN FERİDE

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2018

International DOI: 10.1016/j.saa.2017.08.038

Relapsing-Remitting Multiple Sclerosis diagnosis from cerebrospinal fluids via Fourier transform infrared spectroscopy coupled with multivariate analysis

YONAR DİLEK, ÖCEK LEVENT, Tiftikcioglu Bedile İrem, ZORLU YAŞAR, SEVERCAN FERİDE

Scientific Reports, 2018

International DOI: 10.1038/s41598-018-19303-3.

Rapid classification of heavy metal-exposed freshwater bacteria by infrared spectroscopy coupled with chemometrics using supervised method

Gurbanov Rafig, GÖZEN AYŞE GÜL, SEVERCAN FERİDE

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, 2018

International DOI: 10.1016/j.saa.2017.08.038

Valdecocix recovers the lipid composition, order and dynamics in colon cancer cell lines independent of cox-2 expression

İNAN GENÇ AYSUN, BANERJEE SREEPARNA, SEVERCAN FERİDE

Toxicology Letters, 2017

International DOI: 10.1016/j.toxlet.2017.07.619

Triglyceride dependent differentiation of obesity in adipose tissues by FTIR spectroscopy coupled with chemometrics

KÜÇÜK BALOĞLU FATMA, BALOĞLU ONUR, Heise Sebastian, Brockmann Gudrun, SEVERCAN FERİDE

Journal of Biophotonics, 2017

International DOI: 10.1002/jbio.201600223

Protective Effects of Extremely Low Frequency Magnetic Field (50 Hz, 1 mT) and Pterostilbene Treatment on Renal ischemic Injury

BOZKURT GİRİT ÖZLEM, KESER HATİCE, SEVERCAN FERİDE, BİLGİN MEHMET DİNÇER

Biophysical Journal, 2017

International DOI: 10.1016/j.bpj.2016.11.1517

Protective Effects of Extremely Low Frequency Magnetic Field (50 Hz, 1 mT) and Pterostilbene Treatment on Renal ischemic Injury

BOZKURT GİRİT ÖZLEM, KESER HATİCE, SEVERCAN FERİDE, BİLGİN MEHMET DİNÇER

Biophysical Journal, 2017

International DOI: 10.1016/j.bpj.2016.11.1517

Valdecocix Recovers the Lipid Composition Order and Dynamics in Colon Cancer Cell Lines Independent of COX 2 Expression An ATR FTIR Spectroscopy Study

İNAN GENÇ AYSUN, GÖK SEHER, BANERJEE SREEPARNA, SEVERCAN FERİDE

Applied Spectroscopy, 2017

International DOI: 10.1177/0003702816654164

ARTICLES

Secondary structure and conformational change of mushroom polyphenol oxidase during thermosonication treatment by using FTIR spectroscopy

BALTACIOĞLU HANDE,BAYINDIRLI ALEV,SEVERCAN FERİDE

FOOD CHEMISTRY, 2017

International DOI: 10.1016/j.foodchem.2016.07.021

Diagnostic Utility of Mesothelin Osteopontin and MegakaryocytePotentiation Factor in Turkish Patients with Malignant Mesothelioma

EMRİ KAHRAMAN AHMET SALİH,DİKMEN ZELİHA GÜNNUR,SARINÇ ULAŞLI SEVİNÇ,esendağlı dorina,yilmaz uğur,ŞİMŞEK ÖZEK NİHAL,SEVERCAN FERİDE,OKUR HAMZA,AKBIYIK FİLİZ

Journal of Thoracic Oncology, 2017

International

Secondary structure and conformational change of mushroom polyphenol oxidase during thermosonication treatment by using FTIR spectroscopy

BALTACIOĞLU HANDE,BAYINDIRLI ALEV,SEVERCAN FERİDE

Food Chemistry, 2017

International DOI: 10.1016/j.foodchem.2016.07.021

Forensic Applications Of Infrared Spectroscopy

SEVERCAN FERİDE,ŞİMŞEK ÖZEK NİHAL

The Turkish Journal Of Occupational / Environmental Medicine and Safety, 2017

National

Restoring effect of selenium on the molecular content, structure and fluidity of diabetic rat kidney brush border cell membrane

GURBANOV RAFIG,BİLGİN MEHMET DİNÇER,SEVERCAN FERİDE

Biochimica et Biophysica Acta (BBA) - Biomembranes, 2016

International

The Structural and Functional Damages of Whole Body Ionizing Radiation on Rat Brain Homogenate Membranes and Protective Effect of Amifostine

ÇAKMAK ARSLAN GÜLGÜN,SEVERCAN METE,ZORLU ABDULLAH FARUK,SEVERCAN FERİDE

INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, 2016

International

Structural effects of simvastatin on rat liver tissue: Fourier transform infrared and Raman microspectroscopic studies

GARİP USTAOĞLU ŞEBNEM,BAYARI SEVGİ,SEVERCAN METE,ABBAS SHERIF,LEDNEV IGOR K,SEVERCAN FERİDE

JOURNAL OF BIOMEDICAL OPTICS, 2016

International

Bladder Cancer Diagnosis From Bladder Wash By Fourier Transform Infrared Spectroscopy As a Novel Test for Tumor Recurrence

GÖK SEHER,AYDIN ÖZGE Z,SURAL YAVUZ S,ZORLU FERRUH,BAYOL ÜMİT,SEVERCAN FERİDE

Journal of Biophotonics, 2016

International

Monitoring radiation induced alterations in biological systems, from molecules to tissues, through infrared spectroscopy

DEMİR PINAR,SEVERCAN FERİDE

APPLIED SPECTROSCOPY REVIEWS, 2016

International

Early Alterations in Bone Characteristics of Type I Diabetic Rat Femur: A Fourier Transform Infrared (FT-IR) Imaging Study

BOZKURT GİRİT ÖZLEM,BİLGİN MEHMET DİNÇER,EVİS ZAFER,SEVERCAN FERİDE

APPLIED SPECTROSCOPY, 2016

International

ARTICLES

Differentiation of chronic and aggressive forms of periodontitis and smoking status by Fourier-transform infrared spectroscopy

ŞİMŞEK ÖZEK NİHAL,ZELLE IRIS,RENAUD DIANA,GÜMÜŞ PINAR MERİÇ,NİZAM NEJAT,SEVERCAN FERİDE,BUDUNELİ NURCAN GÜLSÜM,SCOTT DAVID
JOURNAL OF DENTAL RESEARCH, 2016

International

Effect of thermal treatment on secondary structure and conformational change of mushroom polyphenol oxidase PPO as food quality related enzyme A FTIR study

BALTACIOĞLU HANDE,BAYINDIRLI ALEV,Mete Severcan,SEVERCAN FERİDE
Food Chemistry, 2015

International DOI: 10.1016/j.foodchem.2015.04.097

Investigation of neurodegenerative diseases from body fluid samples using Fourier transform infrared spectroscopy

Akin Sevinc,Dilek Yonar,SEVERCAN FERİDE
Biomedical Spectroscopy and Imaging, 2015

International DOI: 10.3233/BSI-150123

Quick Discrimination of Heavy Metal Resistant Bacterial Populations Using Infrared Spectroscopy Coupled with Chemometrics

Rafiq Gurbanov,Ozek Nihal Simsek,Ayşe Gul Gozen,SEVERCAN FERİDE
Analytical Chemistry, 2015

International DOI: 10.1021/acs.analchem.5b01659

Lipid Profiles of Adipose and Muscle Tissues in Mouse Models of Juvenile Onset of Obesity Without High Fat Diet Induction A Fourier Transform Infrared FT IR Spectroscopic Study

Ilke Sen,Ozlem Bozkurt,Ebru Aras,Sebastian Heise,Gudrun Anni Brockmann,SEVERCAN FERİDE
Applied Spectroscopy, 2015

International DOI: 10.1366/14-07443

Differentiation of Anatolian honey samples from different botanical origins by ATR FTIR spectroscopy using multivariate analysis

Seher Gok,Mete Severcan,Goormaghtigh Erik,Irfan Kandemir,SEVERCAN FERİDE
Food Chemistry, 2015

International DOI: 10.1016/j.foodchem.2014.08.040

FTIR imaging of structural changes in visceral and subcutaneous adiposity and brown to white adipocyte transdifferentiation

Kucuk Baloglu Fatma,Sebnem Garip,Sebastian Heise,Gudrun Brockmann,SEVERCAN FERİDE
The Analyst, 2015

International DOI: 10.1039/c4an02008a

Vitamin A deficiency induces structural and functional alterations in the molecular constituents of the rat hippocampus

Birsen Elibol-Can,Nihal Simsek-Ozek,SEVERCAN FERİDE,Mete Severcan,Ewa Jakubowska-Dogru
British Journal of Nutrition, 2015

International DOI: 10.1017/S0007114514003432

Phylogeny of cultivated and wild wheat species using ATR FTIR spectroscopy

Pinar Demir,Sertac Onde,SEVERCAN FERİDE
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2015

International DOI: 10.1016/j.saa.2014.07.025

Ionizing Radiation Induces Structural and Functional Damage on the Molecules of Rat Brain Homogenate Membranes A Fourier Transform Infrared FT IR Spectroscopic Study

Pinar Demir,Sara B Akkas,Mete Severcan,ZORLU ABDULLAH FARUK,SEVERCAN FERİDE
Applied Spectroscopy, 2015

International DOI: 10.1366/13-07154

ARTICLES**Epileptic seizures induce structural and functional alterations on brain tissue membranes**

TÜRKER KAYA SEVGİ, SEVERCAN METE, İLBAY GÜL, SEVERCAN FERİDE

Biochimica et Biophysica Acta (BBA) - Biomembranes, 2014

International

Agomelatine strongly interacts with zwitterionic DPPC and charged DPPG membranes

ERGÜN SEZA, DEMİR PINAR, UZBAY İSMAİL TAYFUN, SEVERCAN FERİDE

Biochimica et Biophysica Acta (BBA) - Biomembranes, 2014

International DOI: 10.1016/j.bbamem.2014.07.025

FTIR spectroscopy offers hints towards widespread molecular changes in cobalt-acclimated freshwater bacteria

KARDAS MEHMET, GÖZEN AYŞE GÜL, SEVERCAN FERİDE

Aquatic Toxicology, 2014

International

Interactions of tamoxifen with distearoyl phosphatidylcholine multilamellar vesicles FTIR and DSC studies

BİLGE MELEK DUYGU, ŞAHİN İPEK, KAZANCI NADİDE, SEVERCAN FERİDE

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 2014

International DOI: 10.1016/j.saa.2014.04.027

Structural investigation of donor age effect on human bone marrow mesenchymal stem cells: FTIR spectroscopy and imaging

AKSOY CEREN, KAYA FATİMA AERTS, KUŞKONMAZ BÜLENT BARIŞ, UÇKAN DUYGU, SEVERCAN FERİDE

AGE, 2014

International

Co doping of hydroxyapatite with zinc and fluoride improves mechanical and biological properties of hydroxyapatite

UYSAI İDİL, SEVERCAN FERİDE, TEZCANER AYSEL, EVİS ZAFER

Progress in Natural Science: Materials International, 2014

International DOI: 10.1016/j.pnsc.2014.06.004

Investigation of Compositional Structural and Dynamical Changes of Pentylene-tetrazol Induced Seizures on a Rat Brain by FT IR Spectroscopy

TÜRKER KAYA SEVGİ, İLBAY GÜL, SEVERCAN METE, SEVERCAN FERİDE

Analytical Chemistry, 2014

International DOI: 10.1021/ac402992j

Concentration-Based Measurement Studies of L-Tryptophan Using Terahertz Time-Domain Spectroscopy (THz-TDS)

ÖZER ZEYNEP, GÖK SEHER, ALTAN HAKAN, SEVERCAN FERİDE

Applied Spectroscopy, 2014

International

Structural and functional characterization of simvastatin induced myotoxicity in different skeletal muscles

ŞİMŞEK ÖZEK NİHAL, BAL İSMAİL BURAK, SARA MEHMET YILDIRIM, ONUR EMİN RÜŞTÜ, SEVERCAN FERİDE

Biochimica et Biophysica Acta (BBA) - General Subjects, 2014

International DOI: 10.1016/j.bbagen.2013.09.010

Novel Molecular Markers Monitoring Donor Age Effect on Bone Marrow Mesenchymal Stem Cells: FTIR Spectroscopy and Imaging Study

AKSOY CEREN, UÇKAN DUYGU, SEVERCAN FERİDE

AGE, 2014

International

Epileptic seizure-induced structural and functional changes in rat femur and tibia bone tissues: a Fourier transform infrared imaging study

GARİP USTAOĞLU ŞEBNEM, ŞAHİN DENİZ, SEVERCAN FERİDE

Journal of Biomedical Optics, 2013

International

ARTICLES**Characterization by Fourier transform infrared spectroscopy of hydroxyapatite co doped with zinc and fluoride**

UYSAL İDİL,SEVERCAN FERİDE,EVİS ZAFER

Ceramics International, 2013

[International](#) DOI: 10.1016/j.ceramint.2013.03.029**Acyl chain length and charge effect on Tamoxifen lipid model membrane interactions**

BİLGE MELEK DUYGU,KAZANCI NADİDE,SEVERCAN FERİDE

Journal of Molecular Structure, 2013

[International](#) DOI: 10.1016/j.molstruc.2013.02.031**Structural and mechanical characteristics of nanohydroxyapatite doped with zinc and chloride**

UYSAL İDİL,SEVERCAN FERİDE,EVİS ZAFER

Advances in Applied Ceramics, 2013

[International](#)**Concentration-dependent effect of melatonin on DSPC membrane**

ŞAHİN İPEK,BİLGE MELEK DUYGU,SEVERCAN FERİDE,KAZANCI NADİDE

JOURNAL OF MOLECULAR STRUCTURE, 2013

[International](#)**Bone Marrow Mesenchymal Stem Cells in Patients with Beta Thalassemia Major: Molecular Analysis with Attenuated Total Reflection-Fourier Transform Infrared Spectroscopy Study as a Novel Method**

AKSOY CEREN,GULIYEV ALİ,KILIÇ EMİNE,UÇKAN DUYGU,SEVERCAN FERİDE

Stem Cells and Development, 2012

[International](#)**Amifostine a radioprotectant agent protects rat brain tissue lipids against ionizing radiation induced damage An FTIR microspectroscopic imaging study**

ÇAKMAK GÜLGÜN,MİLLER LİSA,ZORLU ABDULLAH FARUK,SEVERCAN FERİDE

Archives of Biochemistry and Biophysics, 2012

[International](#) DOI: 10.1016/j.abb.2012.02.012**Impacts of salinity and fish exuded kairomone on the survival and macromolecular profile of Daphnia pulex**

BEZİRCİ GİZEM,AKKAŞ SARA BANU,RİNKE KARSTEN,YILDIRIM FERİHA,KALAYLIOĞLU AKYILDIZ ZEYNEP

IŞIL,SEVERCAN FERİDE,BEKLİOĞLU MERYEM

Ecotoxicology, 2012

[International](#) DOI: 10.1007/s10646-011-0820-0**Celecoxib reduces fluidity and decreases metastatic potential of colon cancer cell lines irrespective of COX 2 expression**

SADE ASLI,TUNCAY SEDA,ÇİMEN İSMAİL,SEVERCAN FERİDE,BANERJEE SREEPARNA

Bioscience Reports, 2012

[International](#) DOI: 10.1042/BSR20100149**Structural alterations in rat liver proteins due to streptozotocin-induced diabetes and the recovery effect of selenium: fourier transform infrared microspectroscopy and neural network study.**

BOZKURT GİRİT ÖZLEM,BAYARI SEVGİ,SEVERCAN METE,KRAFFT CHRISTOPH,POPP JUERGEN,SEVERCAN FERİDE

JOURNAL OF BIOMEDICAL OPTICS, 2012

[International](#)**Biophysical and microbiological study of high hydrostatic pressure inactivation of Bovine Viral Diarrheavirus type 1 on serum**

CEYLAN ÇAĞATAY,SEVERCAN FERİDE,ÖZKUL AYKUT,SEVERCAN METE,BOZOĞLU TAHSİN FARUK,TAHERİ

NUSRET

Veterinary Microbiology, 2012

[International](#) DOI: 10.1016/j.vetmic.2011.07.026

ARTICLES**Role of Vibrational Spectroscopy in Stem Cell Research**

AKSOY CEREN,SEVERCAN FERİDE

Spectroscopy: An International Journal, 2012

[International](#) DOI: 10.1155/2012/513286**The Effects of Short-Term Chronic Ethanol Intoxication and Ethanol Withdrawal on the Molecular Composition of the Rat Hippocampus by FT-IR Spectroscopy**

ELİBOL BİRSEN,JAKUBOWSKA DOGRU EWA,SEVERCAN METE,SEVERCAN FERİDE

Alcoholism: Clinical and Experimental Research, 2011

[International](#)**Screening of Protective Effect of Amifostine on Radiation-Induced Structural and Functional Variations in Rat Liver Microsomal Membranes by FT-IR Spectroscopy**

ÇAKMAK ARSLAN GÜLGÜN,ZORLU ABDULLAH FARUK,SEVERCAN METE,SEVERCAN FERİDE

Analytical Chemistry, 2011

[International](#)**Convulsant agent pentylenetetrazol does not alter the structural and dynamical properties of dipalmitoylphosphatidylcholine model membranes**

TÜRKER KAYA SEVGİ,WASSALL STEPHEN,STILLWELL WILLIAM,SEVERCAN FERİDE

Journal of Pharmaceutical and Biomedical Analysis, 2011

[International](#)**Structural characterization of recombinant bovine Go α by spectroscopy and homology modelling**

MEGA TİBER PINAR,ORUN OYA,NACAR CEVDET,SEZERMAN OSMAN UĞUR,SEVERCAN FERİDE,SEVERCAN

METE,MATAGNE ANDRE,KAN BEKİ

SPECTROSCOPY, 2011

[International](#)**Effects of the non steroidal anti inflammatory drug celecoxib on cholesterol containing distearoyl phosphatidylcholine membranes**

SADE ASLI,BANERJEE SREEPARNA,SEVERCAN FERİDE

SPECTROSCOPY-BIOMEDICAL APPLICATIONS, 2011

[International](#) DOI: 10.3233/SPE-2011-0506**Determination of simvastatin induced changes in bone composition and structure by Fourier transform infrared spectroscopy in rat animal model**

GARİP USTAOĞLU ŞEBNEM,SEVERCAN FERİDE

Journal of Pharmaceutical and Biomedical Analysis, 2010

[International](#) DOI: 10.1016/j.jpba.2010.01.044**FT IR spectroscopy in diagnosis of diabetes in rat animal model**

SEVERCAN FERİDE,BOZKURT ÖZLEM,GURBANOV RAFİG,GÖRGÜLÜ GÜVENÇ

Journal of Biophotonics, 2010

[International](#) DOI: 10.1002/jbio.201000016**Concentration dependent differing actions of the nonsteroidal anti inflammatory drug celecoxib in distearoyl phosphatidylcholine multilamellar vesicles**

SADE ASLI,BANERJEE SREEPARNA,SEVERCAN FERİDE

Journal of Liposome Research, 2010

[International](#) DOI: 10.3109/08982100903244492**Celecoxib loaded liposomes effect of cholesterol on encapsulation and i in vitro i release characteristics title**

DENİZ ASLI,SADE ASLI,SEVERCAN FERİDE,KESKİN DİLEK,BANERJEE SREEPARNA

Bioscience Reports, 2010

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The effects of Carbamazepine, an anti-epileptic drug, on structure and surface roughness of healthy rat bone tissues: an FTIR Microspectroscopy and AFM Microscopy Study

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Pterostilbene exhibits neuroprotective effects on function, composition and structure of sciatic nerves in diabetic neuropathy

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IMAGING OF DIET-INDUCED OBESITY AND DIABETES RELATED ALTERATIONS IN MOLECULAR COMPOSITION OF LIVER

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PROCEEDINGS**DNA Methylation Patterns of Cadmium, Lead and Silver-Tolerant Bacteria Isolated from the Surface Mucus of Freshwater Fish**

GURBANOV RAFİG, TUNCER SİNEM, GÖZEN AYŞE GÜL, SEVERCAN FERİDE

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PROTECTIVE EFFECTS OF PTEROSTILBENE ON DIABETIC NEUROPATHY

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Protective Effects of Extremely Low Frequency Magnetic Field (50 Hz, 1 mT) and Pterostilbene Treatment on Renal Ischemic Injury

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MANYETİK ALAN VE PTEROSTİLBENİN RENAL İSKEMİ-REPERFÜZYON HASARINA ETKİSİ
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III. International Turkish Congress on Molecular Spectroscopy, 2017

International

PROTECTIVE EFFECTS OF PTEROSTILBENE ON DIABETIC NEUROPATHY

BOZKURT GİRİT ÖZLEM,SEVERCAN FERİDE,BİLGİN MEHMET DİNÇER

17th European Conference on the Spectroscopy of Biological Molecules (ECSBM), 2017

International

Protective Effects of Extremely Low Frequency Magnetic Field (50 Hz, 1 mT) and Pterostilbene Treatment on Renal ischemic Injury

BOZKURT GİRİT ÖZLEM,KESER HATİCE,SEVERCAN FERİDE,BİLGİN MEHMET DİNÇER

Biophysical Society 61st Annual Meeting, 2017

International

IR coupled pattern recognition techniques for the classification of toxic metal tolerant bacteria

Gurbanov Rafig,Simsek Ozek Nihal,Gozen Ayse Gul,SEVERCAN FERİDE

IV. International Congress of the Molecular Biology, 2015

International

Characterization of Molecular Level Changes Due to miR 125b Expression in Breast Cancer Cells by Spectroscopic and Chemometric Analysis Techniques

Simsek Ozek Nihal,Akhavantabasi Shiva,Tuna Serkan,ERSON BENSAN AYŞE ELİF,SEVERCAN FERİDE

IV. International Congress of the Molecular Biology, 2015

International

Detection of Silver Associated Gross Molecular Changes in Acinetobacter

Ozaktas Tugba,Gozen Ayse Gul,SEVERCAN FERİDE

American Society for Microbiology 115th General Meeting, 2015

International

An ATR FTIR Spectroscopic Approach to Elucidate Biochemical Mechanisms in Heavy Metal Resistant Escherichia coli

Gurbanov Rafig,Simsek Ozek Nihal,Gozen Ayse Gul,SEVERCAN FERİDE

American Society for Microbiology 115th General Meeting, 2015

International

MOLECULAR DIFFERENTIATION OF MILD COGNITIVE IMPAIRMENT AND DEMENTIA PHASES IN ALZHEIMER S DISEASE USING VIBRATIONAL SPECTROSCOPY

Bayari Sevgi,Sevinc Akin,Tiftikcioglu Bedile Irem,Zorlu Yasar,SEVERCAN FERİDE

9th World Congress International Brain Research Organization, 2015

International

PROCEEDINGS

THE CHARACTERIZATION AND DIFFERENTIAL DIAGNOSIS OF RELAPSING REMITTING MULTIPLE SCLEROSIS AND CLINICALLY ISOLATED SYNDROME FROM CEREBRO SPINAL FLUIDS BY INFRARED SPECTROSCOPY

SEVERCAN FERİDE, Yonar Dilek, Ocek Levent, Zorlu Yasar

9th World Congress International Brain Research Organization, 2015

International

Does CSF Infrared Spectroscopy Useful in Diagnosing RRMS Patients During the First Clinical Attack

Ocek Levent, Tiftikcioglu Bedile Irem, yonar dilek, Zorlu Yasar, Tekgul Zeki, SEVERCAN FERİDE

American Academy of Neurology 2015 Annual Meeting, 2015

International

Differentiation of Mesothelioma from Lung Cancer and Healthy Individuals Using Human Serum by ATR FTIR Spectroscopy Coupled with Chemometrics

EMRİ KAHRAMAN AHMET SALİH, Yonar Dilek, SANDAL ABDULSAMET, Yilmaz Ulku, SEVERCAN FERİDE

16th World Conference on Lung Cancer, 2015

International

Infrared Spectroscopy as a Novel Approach in Differential Diagnosis of Malignant Pleural Mesothelioma from Lung Cancer Using Pleural Fluid

Abbas Sherif, Simsek Ozek Nihal, Koksall Deniz, EMRİ KAHRAMAN AHMET SALİH, SEVERCAN FERİDE

16th World Conference on Lung Cancer, 2015

International

Fourier Transform Infrared Spectroscopy and Imaging in Cancer Diagnosis and Characterization

SEVERCAN FERİDE, Ozek Nihal Simsek, Seher Gok

Biophysical Society 59th Annual Meeting, 2015

International

Effect of Molecular Crowding on the Structure and Dynamics of Human Apo and Holo Transferrin using 2D IR Correlation Spectroscopy

Sherif Abbas, SEVERCAN FERİDE, Parvez I Haris

Biophysical Society 59th Annual Meeting, 2015

International

The Effect of Selenium Treatment On Diabetic Induced Structural Variations in the Molecules of Rat Kidney Plasma Membrane

Rafiq Gurbanov, Sherif Abbas, BİLGİN MEHMET DİNÇER, SEVERCAN FERİDE

Biophysical Society 59th Annual Meeting, 2015

International

A Novel Method for Early Diagnosis of Malignant Pleural Mesothelioma from Human Serum Samples ATR FTIR Spectroscopy

Dilek Yonar, SANDAL ABDULSAMET, EMRİ KAHRAMAN AHMET SALİH, SEVERCAN FERİDE

Biophysical Society 59th Annual Meeting, 2015

International

Investigation of Gender Effect on Obesity using a Model of Inbred Obese Mouse Lines by Fourier Transform Infrared Imaging

Fatma Kucuk Baloglu, Gudrun Brockmann, Sebastian Heise, Sebnem Garip, SEVERCAN FERİDE

Biophysical Society 59th Annual Meeting, 2015

International

PROJECTS

Detection of biomolecular content rich types of sage in Turkey with ATR-FTIR spectroscopy (EN_cv_academic_projekonumlari_)

Scientific research project supported by Higher Education Institutions, 30.08.2019 - 30.07.2020

National Completed

PROJECTS

Karaciğer Kanseri Hücre Hattında gamma-tokotrienol Ajanına Bağlı Olası Terapatik Etkilerin Moleküler İncelenmesi (Project Coordinator)

Other (National), 30.03.2015 - 30.03.2017

National Completed

Çörek otu tohumu metanol ekstresinin kolon kanseri üzerindeki olası sitotoksik etkilerinin CaCo-2 hücre hattında infrared ve raman spektroskopisi ile incelenmesi (Executive)

Scientific research project supported by Higher Education Institutions, 19.04.2019 - 15.09.2020

National Completed

Characterization of physiological, structural and biomolecular changes in brain tissue underlying functional impairment after experimental traumatic brain injury (Researcher)

Other (International), 16.12.2015 - 16.12.2019

International Completed

Farklı Cinsiyetlerde Yüksek Yağ ve Yüksek Karbonhidrat İçerikli Diyetlerin Fare Karaciğer Dokusu Yapı ve Fonksiyonu Üzerine Etkileri (Advisor)

Tübitak 3501, 15.11.2018 -

National Continues

Vücut Sıvılarından Maliğn Plevral Mezotelyoma Tanısında Azaltılmış Toplam Yansıma-Fourier Dönüşüm Kızılötesi Spektroskopisi'nin Tanısal Yöntem Olarak Değerlendirilmesi (Researcher)

Tübitak 1001, 15.10.2013 - 15.10.2015

National Completed

Vücut Sıvılarından Maliğn Plevral Mezotelyoma Tanısında Azaltılmış Toplam Yansıma Fourier Dönüşüm Kızılötesi Spektroskopisi nin Tanısal Yöntem Olarak Değerlendirilmesi (Researcher)

TÜBİTAK Project, 15.10.2013 - 15.10.2015

National Completed

Adipoz Dokuda Obezite İlişkili Tip 2 Diyabet Sonucu Görülen Moleküler Değişimlerin ve Palmitoleik Asitin Bu Değişimler Üzerindeki Tedavi Edici Etkisinin Fourier Dönüşüm Kızılötesi Mikrospektroskopisi ile İncelenmesi (Executive)

Tübitak 1002, 15.08.2015 - 15.08.2016

National Completed

Synthesis of new Vitamin E analog and investigation of its possible anti-cancer effects on breast and prostate cancer cells by biochemical, biophysical and molecular biological methods (Project Coordinator)

TÜBİTAK Project, 15.07.2015 - 15.11.2017

National Completed

Sürdürülebilir Ağır Metal Biyoyileştirilmesinde Bakterilerin Seçimi Ve Uyumlanması İçin Yöntem Tasarımı (Executive)

TÜBİTAK Project, 15.04.2014 - 27.02.2017

National Completed

Yeni E vitamini Analogunun Sentezi ve Söz Konusu Analogun Meme ve Prostat Kanseri Hücrelerindeki Olası Anti-kanser Etkilerinin Biyokimyasal, Biyofiziksel ve Moleküler Biyolojik Yöntemlerle Araştırılması (Executive)

Other (National), 15.01.2015 - 15.01.2017

National Completed

Raman-Based applications for Clinical Diagnostics (Project Coordinator)

COST, 14.05.2014 - 12.12.2018

International Completed

MOLECULAR CHARACTERIZATION OF THE EFFECTS OF VALDECOXIB ON COLON CANCER CELL LINES (HT29 SW620) USING ATR-FTIR SPECTROSCOPY (Advisor)

Ministry of Development, 13.06.2010 - 13.10.2013

National Completed

PROJECTS

DPT-2003K121020-10Antioksidanların Membran Üzerine Etki Mekanizmalarının Araştırılması (Researcher)

Other (National), 13.01.2005 - 06.01.2006

National Completed

Kemometrik ve İstatistik Metodları ile Kızılötesi Spektrumlarından Portakal Ekstresi-Candida albicans Etkileşmesinin Moleküler Karakterizasyonu ve Biyobelirteç Belirlenmesi (Executive)

Scientific research project supported by Higher Education Institutions, 09.10.2020 -

National Continues

Sistemik İnflamasyonun Sıçan Hipokampusünde Meydana Getirdiği Moleküler Değişikliklerin Fourier Dönüşüm Kızıl Ötesi Spektroskopisi ve Görüntülemesi Yöntemleriyle İncelenmesi (Advisor)

Tübitak 3001, 01.11.2014 - 01.11.2015

National Completed

European systems genetics network for the study of complex genetic human diseases using mouse genetic reference populations (Project Coordinator)

International Bilateral Cooperation Programs, 01.11.2009 - 01.11.2013

International Completed

European systems genetics network for the study of complex genetic human diseases using mouse genetic reference populations SYSGENET (Executive)

COST, 01.11.2009 - 01.11.2013

International Completed

Erken Evre Akciğer Kanseri Tanısı ve Taramalarında Nefes Havaındaki Uçucu Belirteçleri Tespit Edebilen Kimyasal Sensör Tabanlı Prototip Cihaz Geliştirilmesi (Researcher)

Tübitak 1003, 01.10.2015 - 01.10.2016

National Completed

Epilepsinin Moleküler Mekanizmasının ve Antiepileptik Vigabatrin ve Topiramet m Epilepsi Tedavisindeki Rolü (Project Coordinator)

TÜBİTAK Project, 01.08.2005 - 01.08.2008

National Completed

Miyastenia Gravis Tanı ve Moleküler Karakterizasyonunda Kızılötesi Spektroskopisinin Yeni Bir Tanısal Yöntem Olarak Değerlendirilmesi (Executive)

Tübitak 1003, 01.03.2020 - 07.07.2023

National Completed

İnbred obez fare modellerindeki değişik adipoz dokuların yapı, fonksiyon ve içeriğinin karakterizasyonu (Executive)

COST, 01.02.2011 - 01.08.2013

International Completed

Kolon Kanseri Hücrelerinde Histon Deasetilaz İnhibitörünün Terapötik Etkilerinin Mikronanoteknolojik Yöntemlerle Araştırılması (Researcher)

Scientific research project supported by Higher Education Institutions, 01.01.2015 - 01.12.2015

National Completed

Orta Doğu Teknik Üniversitesi -Disiplinler arası proje, Proje No:BAP-07-02-2015-006, “Kolon Kanseri Hücrelerinde Histon Deasetilaz İnhibitörünün Terapötik Etkilerinin Mikronanoteknolojik Yöntemlerle Araştırılması (Researcher)

Scientific research project supported by Higher Education Institutions, 01.01.2015 - 31.12.2015

National Completed

Sucul biofilm bakterilerinin arsenik, nikel ve kadmiyum dirençlerinin belirlenmesi ve moleküler karakterizasyonu (Researcher)

Scientific research project supported by Higher Education Institutions, 01.01.2013 - 01.12.2013

National Completed

PROJECTS

Essitalopram'ın Spingomyelin Model Membranları ile Etkileşmesinin Yapısal ve İşlevsel Açıdan Biyofiziksel Yöntemlerle Araştırılması (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2013 - 01.01.2014

National Completed

İnsan Kolon Adenokarsinoma Hücrelerinde Sodyum Bütirat Konsantrasyonuna Bağlı Oluşan Yapısal ve İçeriksel Farklılaşmaların Raman, FTIR ve Terahertz Spektroskopisi Yöntemleriyle Araştırılması (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2013 - 31.12.2015

National Completed

Orta Doğu Teknik Üniversitesi-Rektörlük-Disiplinlerarası Proje, Proje No: BAP-08-11-2013-045. "İnsan Kolon Adenokarsinoma Hücrelerinde Sodyum Bütirat Konsantrasyonuna Bağlı Oluşan Yapısal ve İçeriksel Farklılaşmaların Raman, FTIR ve Terahertz Spektroskopisi Yöntemleriyle Araştırılması (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2013 - 31.12.2015

National Completed

Fourier dönüşüm kızılötesi spektroskopisi ile bakteri karakterizasyonu (Executive)

TÜBİTAK Project, 01.01.2013 - 01.12.2013

National Completed

Psikatrik rahatsızlıklarda kullanılan valdoxan'ın etken maddesi olan agomelatin'in model beyin membranı ile etkileşmesi (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2012 - 01.01.2014

National Completed

Non-Steroidil Antienflamatuar ilaçların (COX-2 inhibitörleri) kolon kanseri üzerindeki etkilerinin FTIR Spektroskopisi ile moleküler karakterizasyonu (Executive)

Ministry of Development, 01.01.2012 - 01.08.2013

National Completed

Parkinson Hastalığında Beyin Dokusu Membran Yapısının Ftr Spektroskopisi İle İncelenmesi (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2012 - 01.01.2014

National Completed

Agomelatin'in model membranlar ile etkileşmesinin yapısal ve işlevsel açıdan biyofiziksel yöntemler ile araştırılması (Executive)

Tübitak 1002, 01.01.2011 - 01.01.2012

National Completed

ÖYP-DPT Projesi: No: BAP-08-11-DPT.2011K121010. "Meme Kanseri Hücrelerinde ve Hücre Zarlarında MikroRNA125b Transfeksiyonu Sonrasında Oluşan Yapısal ve Fonksiyonel Değişikliklerin ATR-FTIR Spektroskopisi ile Araştırılması (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2011 - 31.12.2012

National Completed

değişik patolojik sistemlerin ve olası tedavi yöntemlerinin FTIR tekniği ile moleküler incelenmesi (Project Coordinator)

TÜBİTAK Project, 01.01.2011 - 01.01.2012

National Completed

Meme Kanseri Hücrelerinde ve Hücre Zarlarında MikroRNA125b Transfeksiyonu Sonrasında Oluşan Yapısal ve Fonksiyonel Değişikliklerin ATR FTIR Spektroskopisi ile Araştırılması (Executive)

TÜBİTAK Project, 01.01.2011 - 01.01.2012

National Completed

Değişik Patolojik Sistemlerin ve olası tedavi yöntemlerinin FTIR spektroskopisi tekniği ile moleküler düzeyde incelenmesi (Executive)

TÜBİTAK Project, 01.01.2011 - 01.01.2012

National Completed

PROJECTS

Antidepresan ilaç-membran etkileşmesinin yapısal ve işlevsel açıdan incelenmesi (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2010 - 01.01.2012

National Completed

Uzun süreli Karbamazepin terapisinin sağlıklı sıçan kemik dokularındaki yan etkilerinin moleküler düzeyde incelenmesi (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2010 - 01.01.2011

National Completed

Embriyonun Yetiştirildiği Besiyerine Salgılanan, Metabolit Ayakizlerini Kullanarak Embriyo Kalite Tayini (Researcher)

Scientific research project supported by Higher Education Institutions, 01.01.2010 - 01.01.2011

National Completed

Orta Doğu Teknik Üniversitesi-Disiplinlerarası Proje, Proje No: BAP-07-02-2010-003, “Uzun süreli Karbamazepin terapisinin sağlıklı sıçan kemik dokularındaki yan etkilerinin moleküler düzeyde incelenmesi (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2010 - 01.01.2011

National Completed

Antidepresan İlaç Membran Etkileşmesinin Yapısal ve İşlevsel Açıdan İncelenmesi (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2010 - 01.01.2012

National Completed

Uzun Süreli Karbamazepin Terapisinin Sağlıklı Sıçan Kemik Dokularındaki Yan Etkilerinin Moleküler Düzeyde İncelenmesi (Executive)

TÜBİTAK Project, 01.01.2010 - 01.01.2011

National Completed

Embryonun yetiştirildiği besiyeri salgılanan metabolit ayak izleri kullanılarak embryo kalite tayini (Researcher)

TÜBİTAK Project, 01.01.2010 - 01.01.2011

National Completed

Kara Pas ve Sarı Pas Hastalıklarına Dayanıklı ve Hassas Durum Buğday Hatlarının Moleküler Düzeyde Biyofiziksel Metodlarla Karakterizasyonu (Researcher)

Scientific research project supported by Higher Education Institutions, 01.01.2009 - 01.01.2011

National Completed

Diabetin sıçan böbrek hücre membranı üzerindeki etkilerinin ve Selenyumun tedavi edici rolünün araştırılması (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2009 - 01.01.2011

National Completed

Kas karakteristiği ve obezite arasındaki ilişkinin, genetik ve biyofiziksel incelemesi (Executive)

Other (International), 01.01.2009 - 01.01.2012

International Completed

Diabetin Sıçan Böbrek Hücre Membranı Üzerindeki Etkilerinin Ve Selenyumun Tedavi Edici Rolünün Araştırılması (Executive)

TÜBİTAK Project, 01.01.2009 - 01.01.2011

National Completed

Kas Özellikleri ve Obezite Arasındaki İlişkinin Genetik ve Biyofiziksel Yöntemlerle Araştırılması (Executive)

TÜBİTAK Project, 01.01.2009 - 01.01.2012

National Completed

GENETIC AND BIOPHYSICAL INVESTIGATION OF THE RELATION BETWEEN MUSCLE CHARACTERISTICS AND OBESITY (Executive)

TÜBİTAK Project, 01.01.2009 - 01.01.2012

National Completed

Vitamin C nin diyabetli karaciğer dokusu üzerindeki iyileştirici etkisi: FTIR görüntüleme çalışması (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2008 - 01.01.2009

National Completed

PROJECTS

Simvastatin-membran etkileşmelerinin biyofiziksel teknikler ile moleküler düzeyde incelenmesi (Executive)

Tübitak 1002, 01.01.2008 - 01.01.2009

National Completed

Kolesterol Düşürücü Simvastatinin Model Membranlarla Etkileşiminin Biyofiziksel Yöntemler İle Moleküler Düzeyde Araştırılması (Executive)

Tübitak 1002, 01.01.2008 - 01.12.2009

National Completed

Simvastatin model membran etkileşmelerinin biyofiziksel tekniklerle moleküler düzeyde incelenmesi (Executive)

TÜBİTAK Project, 01.01.2008 - 01.01.2009

National Completed

ÖYP-DPT projesi, Proje No: BAP-08-11-DPT2002K120510-TB-04,“ Kolesterol Düşürücü İlaçların Sıçan Sinir Dokuları Üzerine Olan Etkilerinin Moleküler Düzeyde Araştırılması (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2006 - 01.01.2008

National Completed

Kolesterol Düşürücü İlaçların Sıçan Sinir Dokuları Üzerine Olan Etkilerinin Moleküler Düzeyde Araştırılması (Executive)

TÜBİTAK Project, 01.01.2006 - 01.01.2008

National Completed

Diyabetin Sıçan İskelet Kas ve Testis Dokuları Üzerindeki Etkilerinin Biyofiziksel ve Biyoinformatik Yöntemler ile Moleküler Düzeyde İncelenmesi ve C Vitamininin Tedavi Edici Rolünün Araştırılması (Project Coordinator)

TÜBİTAK Project, 01.01.2006 - 01.01.2008

National Completed

Study of the capabilities and requirements of operational client server health inform system for diabetes (Executive)

Other (International), 01.01.2006 - 01.01.2007

International Completed

Diyabetin Sıçan İskelet Kas Ve Testis Dokuları Üzerindeki Etkilerinin Biyofiziksel Ve Biyoinformatik Yöntemler ile Moleküler Düzeyde İncelenmesi ve C Vitamininin Tedavi Edici Rolünün Araştırılması (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2006 - 01.01.2008

National Completed

Kolesterol Düşürücü Simvastatinin Sıçan Karaciğer ve Mikrosomal Membranları Üzerindeki Etkilerinin Biyofiziksel Yöntemlerle İncelenmesi (Project Coordinator)

TÜBİTAK Project, 01.01.2006 - 01.12.2008

National Completed

Study of the Capabilities and Requirements of Operational Client Server Health Infor System for Diabetes (Executive)

Other (International), 01.01.2006 - 01.01.2007

International Completed

Diyabetin Böbrek Dokusu Üzerindeki Etkilerinin Moleküler Düzeyde İncelenmesi ve c Vitaminin Tedavi Edici Rolünün Araştırılması (Executive)

TÜBİTAK Project, 01.01.2006 - 01.01.2008

National Completed

Hidrojen peroksit diş beyazlatma metodunun insan tentin ve enamellinin mikroyapısı ve fonksiyonuna etkisi (Researcher)

TÜBİTAK Project, 01.01.2005 - 01.12.2007

National Completed

Göldeki tuzluluk ve intektisit miktarının biyobelirteç olan dafhnia üzerindeki etkilerini belirleyerek ekosistem durumunu öngören model ve indis tasarımı (Researcher)

Tübitak 1001, 01.01.2005 - 01.12.2007

National Completed

PROJECTS

Epilepsinin Moleküler Mekanizması ve Antiepileptik Vigabatrin ve Topiramet'in Epilepsi Tedavisindeki Rolün (Executive)

Tübitak 1001, 01.01.2005 - 01.01.2008

National Completed

Yeni ilaçların epilepsi tedavisindeki rolünün moleküler ve biyoteknolojik yöntemlerle araştırılması (Researcher)

Ministry of Development, 01.01.2004 - 01.01.2007

National Completed

Epileptik sıçan modellerinde bazı yeni epilepsi ilaçlarının etkilerinin moleküler düzeyde incelenmesi (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2004 - 01.01.2007

National Completed

Epilepsinin moleküler mekanizmasının ve bazı ilaçların etki mekanizmalarının araştırılması (Researcher)

TÜBİTAK Project, 01.01.2004 - 01.01.2007

National Completed

Epilepsinin moleküler mekanizmasının ve bazı ilaçların etki mekanizmalarının araştırılması (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2004 - 01.01.2007

National Completed

Protein secondary structure determination from FTIR data (Researcher)

Other (International), 01.01.2003 - 01.01.2005

International Completed

Diabetesin neden olduğu moleküler düzeydeki hasarların incelenmesi, biyoteknolojik tanı ve tedavi yöntemleri (Executive)

Other (National), 01.01.2003 - 01.01.2004

National Completed

Diabetesin neden olduğu moleküler düzeydeki hasarların incelenmesi biyoteknolojik tanı ve tedavi yöntemleri (Executive)

TÜBİTAK Project, 01.01.2003 - 01.01.2004

National Completed

Antioksidanların normal ve diyabetli sıçan mikrosomal membranındaki etkileri (Researcher)

TÜBİTAK Project, 01.01.2003 - 01.01.2006

National Completed

Amifostinin negatif yüklü model membranlarla etkileşmesi (Executive)

TÜBİTAK Project, 01.01.2003 - 01.01.2006

National Completed

RADYOPROTEKTAN OLARAK KULLANILAN AMİFOSTİNİN MODEL VE BİYOLOJİK MEMBRANLARDA Kİ OLASI ETKİLERİNİN MOLEKÜLER DÜZEYDE ARAŞTIRILMASI (Executive)

TÜBİTAK Project, 01.01.2003 - 01.01.2006

National Completed

Amifostinin negatif yüklü model membranlarla etkileşmesi mikro yapısı ve fonksiyonu üzerine etkileri (Project Coordinator)

TÜBİTAK Project, 01.01.2003 - 01.01.2006

National Completed

Radyoprotektan amifostinin ırradiye dokulardaki olası etkilerinin moleküler yöntemler ile araştırılması (Researcher)

TÜBİTAK Project, 01.01.2003 - 01.01.2006

National Completed

Radyoprotektan olarak kullanılan amifostinin ırradiye dokulardaki olası etkilerinin moleküler araştırılması (Executive)

Scientific research project supported by Higher Education Institutions, 01.01.2003 - 01.01.2006

National Completed

Antioksidanların ve radyoprotektan amifostinin ırradiye diyabetik dokulardaki etkilerinin araştırılması (Executive)

TÜBİTAK Project, 01.01.2003 - 01.01.2006

National Completed

PROJECTS

Antioksidantların diabetik sıçan kemikleri üzerindeki etkilerin biyofiziksel tekniklerle incelenmesi (Executive)

TÜBİTAK Project, 01.01.2003 - 01.01.2006

National Completed

Lipofilik ve sitolik antioksidanlar ile N-3 yağ asitlerinin karsinogenez üzerindeki terapötik etkileri (Researcher)

Ministry of Development, 01.01.2002 - 01.01.2005

National Completed

Moleküler ve Biyoteknolojik Yöntemler ile Vitamin E ve Selenyumun Diyabet Tedavisinde Etkin Kullanımı (Executive)

Ministry of Development, 01.01.2002 - 01.01.2005

National Completed

Sakarya Nehri ve Değirmenderede alkilfenol kirliliği ve nonilfenolün, alabalıklar üzerine etkileri (Researcher)

Tübitak 1001, 01.01.2002 - 01.01.2004

National Completed

antioksidanların beyin doku ve membran üzerindeki etkilerinin moleküler düzeyde araştırılması (Executive)

TÜBİTAK Project, 01.01.2002 - 01.01.2004

National Completed

Sudaki balık kaynaklı fiziksel ve kimyasal sinyallere dayalı hızlı ve güvenilir bir balık stoku tayin metodu tasarımı (Researcher)

Tübitak 1001, 01.01.2001 - 01.01.2003

National Completed

Antioksidanların beyin doku ve membran üzerindeki etkilerinin moleküler düzeyde biyofiziksel yöntemler ile incelenmesi (Executive)

TÜBİTAK Project, 01.01.2001 - 01.01.2004

National Completed

Yapay sinir ağları kullanılarak FTIR spektroskopik sinyallerinden proteinlerin ikincil yapılarının saptanması (Researcher)

Tübitak 1001, 01.01.2001 - 01.01.2004

National Completed

Antioksidanların doku ve membrandaki etki mekanizmasının moleküler ve biyoteknolojik yöntemlerle araştırılması (Executive)

TÜBİTAK Project, 01.01.2001 - 01.01.2004

National Completed

Kimyasal Sinyallere Dayalı Hızlı ve Güvenilir bir Balık Stoku Tayin Metodu (Researcher)

TÜBİTAK Project, 01.01.2001 - 01.12.2003

National Completed

Antioksidantların doku ve membrandaki etki mekanizmasının moleküler ve biyoteknolojik yöntemlerle araştırılması (Executive)

TÜBİTAK Project, 01.01.2001 - 01.01.2004

National Completed

Antioksidant etki mekanizması ve diyabet tedavisindeki rolü (Executive)

TÜBİTAK Project, 01.01.2001 - 01.01.2004

National Completed

protein secondary structure prediction from Fourier transform infrared spectra using neural networks (Researcher)

Tübitak 1001, 01.01.2001 - 01.01.2004

National Completed

Protein secondary structure determination from FTIR data (Researcher)

Other (International), 01.01.2000 - 01.01.2003

International Completed

PROJECTS

Diabetes Mellitus'un birçok organ fonksiyon bozukluklarının üzerine olan etkisinin elektrofizyolojik, biyomekanik ve moleküler biyofiziksel çalışmalar ile incelenmesi (Researcher)

Tübitak 1001, 01.01.1999 - 01.12.1999

National Completed

Mellitin Membran Etkileşmesinde vitamin D nin rolü (Executive)

TÜBİTAK Project, 01.01.1999 - 01.01.2001

National Completed

Melittin membran etkileşmelerinde steroidlerin rolü (Executive)

Tübitak 1001, 01.01.1999 - 01.01.2001

National Completed

Effect of steroids on melittin membrane interactions (Executive)

TÜBİTAK Project, 01.01.1999 - 01.01.2001

National Completed

Kronik hipoperfüze sıçan beynine uygulanan stereotaktik ışın cerrahisinin beyin dokusu ve hücre membranı üzerindeki moleküler etkisinin biyofiziksel teknikler ile incelenmesi (Researcher)

Tübitak 1001, 01.01.1998 - 01.01.2000

National Completed

Kronik hipoperfüze sıçan beyin doku ve membranlarında sterotaktik radyocerrahinin etkilerinin araştırılması (Researcher)

Tübitak 1001, 01.01.1998 - 01.12.2000

National Completed

Vitamin E ve D nin biyoteknolojik uygulamalarda kullanım amacı ile hücre membranı ile etkileşmesinin araştırılması (Executive)

Ministry of Development, 01.01.1997 - 01.01.1998

National Completed

Moleküler biyoloji-biyoteknoloji araştırma geliştirme merkez projesi (Project Coordinator)

Ministry of Development, 01.01.1997 - 01.12.2000

National Completed

Interaction of Vitamin E and D with model and native Biological membranes (Executive)

Ministry of Development, 01.01.1997 - 01.12.1998

National Completed

Moleküler Biyoloji-Biyoteknoloji Araştırma Geliştirme Merkez Projesi (Executive)

Ministry of Development, 01.01.1997 - 01.12.2000

National Completed

Structure function and stability of thermophilic enzymes (Executive)

Other (International), 01.01.1996 - 01.01.1997

International Completed

Proteinlerin yapı işlev ve kararlılığının biyofiziksel teknikler ile incelenmesi (Executive)

Tübitak 1001, 01.01.1996 - 01.01.1998

National Completed

Structure function and stability of thermophilic enzymes (Project Coordinator)

Other (International), 01.01.1996 - 01.01.1997

International Completed

The Production and Application of Microbial Polyesters in the Construction of Biodegradable Controlled Antibiotic Release systems and Bone Fracture Repair Rods (Researcher)

Other (International), 01.01.1996 - 01.01.1998

International Completed

PROJECTS

The Structural Basis of Enzyme Stability in Extreme Environments (Executive)

Other (International), 01.01.1993 - 01.01.1996

International Completed

Östrojenin ve Vitamin E'nin, kardiyovasküler hastalıkların tedavisinde kullanılması (Executive)

Tübitak 1001, 01.01.1992 - 01.12.1994

National Completed

E Vitamininin insan eritrosit membranlarına olan yapısal etkisinin FT IR yöntemi ile incelenmesi (Executive)

TÜBİTAK Project, 01.01.1992 - 01.01.1994

National Completed

Application of Spin Labeling ESR spectroscopy technique to Parotid Saliva (Executive)

Other (International), 01.01.1988 - 01.01.1989

International Completed

Drug-model membrane interactions (Executive)

Other (International), 01.01.1987 - 01.01.1989

International Completed

Spin Etiketleme ESR tekniğinin kanser araştırmalarında kullanılması (Executive)

Other (National), 01.01.1986 - 01.01.1987

National Completed

Biyolojik membranlardaki moleküler etkileşimler (Executive)

Tübitak 1001, 01.01.1984 - 01.01.1986

National Completed

Organik negatif iyonların ve serbest radikallerin fiziksel, kimyasal ve biyofiziksel özelliklerinin ESR, NMR ve ENDOR yöntemleri ile incelemesi (Researcher)

TÜBİTAK Project, 01.01.1973 - 01.01.1975

National Completed

THESIS SUPERVISION

Determination of the role of pyridostigmine treatment in myasthenia gravis disease at molecular level by infrared spectroscopy

CEREN ÇELİK

2023 Master's Degree

Farklı diyetlerin karaciğer dokusu üzerindeki etkisi: Bir ATR-FTIR çalışması

NAZLI EZER ÖZER

2022 Master's Degree

Spectral biomarker determination for myasthenia gravis diagnosis by infrared spectroscopy

MELİKE NUR YANGIN

2022 Master's Degree

Biophysical characterization and diagnosis of obesity from adipose tissue by Fourier transform infrared spectroscopy and imaging

FATMA KÜÇÜK BALOĞLU

2017 Doctorate

Investigation of the lipid metabolic changes induced by novel alpha tocopherol analog (TC6OH) in luminal A type breast cancer cells

SEHER GÖK

2017 Doctorate

The molecular investigation of the effects of simvastatin, a cholesterol reducing drug, on rat sciatic nerve tissue

KUMSAL ÖZGÜN BADEM

2017 Master's Degree

THESIS SUPERVISION

Molecular adaptations in cadmium and lead resistant environmental species

EDA ŞEYMA KEPENEK

2017 Doctorate

Characterization of heavy metal resistant bacteria using infrared spectroscopy together with chemical pattern recognition techniques

RAFIG GURBANOV

2016 Doctorate

Biophysical characterization of proteins in solution and human fluids for cancer diagnosis applications using Fourier transform infrared spectroscopy

SHERIF ABBAS MOUSA ABBAS

2016 Doctorate

Effects of novel compound derived from vitamin E on prostate cancer cell line

NURİ ERGEN

2016 Doctorate

Heavy metal-induced structural and functional changes in clinical and environmental acinetobacter isolates

TUĞBA ÖZAKTAŞ

2015 Doctorate

ATR-FTIR evaluation of structural and functional changes on murine macrophage cells upon activation and suppression by immunotherapeutic oligodeoxynucleotides

EMRULLA SPAHİU

2015 Master's Degree

Characterization of molecular-level changes due to MicroRNA-125b expression in breast cancer cells by spectroscopic and chemometric analysis techniques

NIHAL ŞİMŞEK ÖZEK

2015 Doctorate

Monitoring of cobalt adaptation of environmental bacterial isolates using ATR-FTIR spectroscopy

MEHMET KARDAŞ

2014 Master's Degree

Molecular characterization of the effects of valdecoxib on colon cancer cell lines (HT29 and SW 620) using ATR-FTIR spectroscopy

AYSUN İNAN GENÇ

2014 Master's Degree

Inactivation mechanism of polyphenol oxidase during ultrasound treatment

HANDE BALTACIOĞLU

2014 Doctorate

Structural and functional effects of non-steroidal anti-inflammatory drugs Rofecoxib and Valdecoxib on DSPC model membranes

RICHARDAS RACHKAUSKAS

2014 Master's Degree

Attenuated total reflectance fourier transform infrared spectroscopy of fluid systems: Case study applications to diagnosis and screening in biomedical and food areas

SEHER GÖK

2013 Master's Degree

Determination of inbred obese mouse adipose tissue lipid profiles by high performance liquid chromatography

TUĞÇE BAŞER

2013 Master's Degree

THESIS SUPERVISION

The effects of streptozotocin induced-diabetes on rat testes and the recovery role of Vitamin C

DAMLA GÜLDAĞ

2012 Master's Degree

Characterization and identification of human mesenchymal stem cells at molecular level

CEREN AKSOY

2012 Doctorate

Study of bone characteristics and muscle quality in metabolic disorders

ÖZLEM BOZKURT

2012 Doctorate

Macromolecular characterization of adipose tissues in inbred obese mouse models

İLKE ŞEN

2012 Master's Degree

Characterization of skeletal muscle lipids in obese mice lines

EBRU ARAS

2012 Master's Degree

Structural and functional investigation of the interaction of agomelatine with model membranes

SEZA ERGUN

2012 Master's Degree

Investigation of drug-related changes on bone tissues of rat animal models in healthy and disease states

ŞEBNEM GARİP

2012 Doctorate

İlaç-lipit ve protein-lipit etkileşimlerinin biyofiziksel teknikler ile tamoxifen-herceptin(trastuzumab)-model membran sisteminde incelenmesi

MELEK DUYGU BİLGE

2011 Doctorate

The synthesis of zinc, chloride and fluoride doped nano hydroxylapatites by precipitation method and investigation of their mechanical, structural and biological properties

İDİL UYSAL

2011 Master's Degree

Characterization of yellow rust and stem rust resistant and sensitive durum wheat lines at molecular level by using biophysical methods

ÇİĞDEM KANSU

2011 Master's Degree

The effects of selenium on STZ-induced diabetic rat kidney plasma membrane

RAFİG GURBANOV

2010 Master's Degree

Interactions of cholesterol reducing agent simvastatin with charged phospholipid model membranes

EDİZ SARIŞIK

2010 Master's Degree

The effects of radioprotectant amifostine on irradiated rat brain and liver tissues

GÜLGÜN ÇAKMAK

2010 Doctorate

Interaction of the non steroidal anti-inflammatory drug celecoxib with pure and cholesterol containing model membranes

ASLI SADE

2009 Master's Degree

THESIS SUPERVISION

The effect of ecotoxigants on the aquatic food web and prey-predator relationships

SARA BANU AKKAŞ

2009 Doctorate

Detection of bladder tumor recurrence by Fourier transform infrared spectroscopy as a novel method

ÖZGE ZELAL AYDIN

2009 Master's Degree

Melatonin'in model ve biyolojik membranlarla etkileşmesinin fiziksel yöntemlerle incelenmesi

İPEK ŞAHİN

2009 Doctorate

Molecular investigation of PTZ-induced epileptic activities in rat brain cell membranes and the effects of vigabatrin

SEVGİ TÜRKER GÖRGÜLÜ

2009 Doctorate

Sarımsağın nötr model membranlarla etkileşmesinin biyofiziksel yöntemler ile incelenmesi

ÜMİT ACAR

2009 Master's Degree

Interactions of cholesterol reducing agent simvastatin with phospholipid model membranes

MUSTAFA KOÇAK

2007 Master's Degree

Effects of chronic ethanol consumption on memory and molecular changes in the hippocampus of young adult wistar rats

BİRSEN ELİBOL

2007 Master's Degree

The molecular investigation of the effects of simvastatin, a cholesterol reducing drug, on different rat skeletal muscle tissues

NİHAL ŞİMŞEK ÖZEK

2007 Master's Degree

The effect of diabetes on rat skeletal muscle tissues at molecular level

ÖZLEM BOZKURT

2006 Master's Degree

Effects of hydrogen peroxide bleaching on human dentin and enamel microstructure and function

KURTULUŞ GÖKDUMAN

2005 Master's Degree

Preliminary approach for the determination of fish exuded kairomone using fourier transform infrared spectroscopy

AYŞE ÖZGE KEPENEK

2005 Master's Degree

The characterization of bacteria with fourier transform infrared (FTIR) spectroscopy

ŞEBNEM GARİP

2005 Master's Degree

The evaluation of high hydrostatic pressure effects on bovine blood constituents and the microbial survival

ÇAĞATAY CEYLAN

2005 Doctorate

The effects of anitioxidants on diabetic rat liver microsomal membranes and antioxidant enzyme activities

GÜVENÇ GÖRGÜLÜ

2004 Doctorate

Expression, purification, and functional analysis of adenovirus type 5 E4 ORF3 protein

EMRE KOYUNCU

2004 Master's Degree

THESIS SUPERVISION**Biosorption sites for lead [Pb(II)] in Phanerochaete chrysosporium**

LEVEND KAYA

2004 Master's Degree

Biophysical investigation of the effects of antioxidants on normal and diabetic rat bone tissues at molecular level

HANDAN BOYAR

2004 Doctorate

Biophysical studies of progesterone-model membrane interactions

FİLİZ KORKMAZ

2003 Master's Degree

Molecular approach with fourier transform infrared spectroscopy to different pathological systems (diabetes mellitus and arteriovenous malformation) with various treatments

NESLİHAN TOYRAN AL-OTAİBİ

2003 Doctorate

Molecular investigation of the effects of antioxidants on rat brain tissues

SARA BANU AKKAŞ

2003 Master's Degree

Melatoninin model hücre membranları ile etkileşmesinin biyofiziksel yöntemlerle incelenmesi

İPEK ŞAHİN

2003 Master's Degree

Physicochemical study on the genera, acantholimon, astragalus and ranunculus

SEVGİ TÜRKER

2002 Master's Degree

Infrared spectroscopic study of diabetic rat heart crude membranes

NEŞE KAPTAN

2002 Master's Degree

Spectroscopic investigation of vitamin D3 melittin model membrane interactions

SONER AKSU

2002 Master's Degree

Construction and analysis of a soluble version of the membrane-attached cytochrome Cy in rhodobacter capsulatus

YAVUZ ÖZTÜRK

2001 Master's Degree

Spectroscopic analysis of the livers in rainbow trout (oncorhynchus mykiss) exposed to nonylphenol

GÜLGÜN ÇAKMAK

2001 Master's Degree

The Effects of gamma irradiation on hazelnut tissue at molecular level by fourier transform infrared spectroscopy

AYÇA DOĞAN

2001 Master's Degree

Molecular dynamics of pig citrage synthase

ÖZLEM ÜNVER

2000 Master's Degree

Interaction of gramicidin S peptide with dipalmitoylphosphatidylcholine (DPPC) model membrane and the effect of vitamin D2 steroid: An FT_IR and thermodynamics study

MUHAMMED GHEİTH

1999 Master's Degree

Spectroscopic studies of melittin in solutions and in lipid bilayers

HÜSEYİN OKAN DURMUŞ

1998 Master's Degree

THESIS SUPERVISION

The Effect vit D2 on phospholipid model membranes and protein-lipid interactions

FATMA EKER

1997 Master's Degree

Effect of metal ions on nucleic acid, protein (melittin) and drug (tamoxifen)-phospholipid model membrane interactions

ERHAN SÜLEYMANOĞLU

1995 Master's Degree

Interaction of vitamin E with cholesterol-containing phospholipid model membranes : An FTIR study

ÜLKÜ BAYKAL

1995 Master's Degree

Interaction of estrogen and temoxifen with phospholipid model membranes an FTIR study

HANDAN BOYAR

1995 Master's Degree

COURSES

Course Type	Course Code	Course Name
Other	BMSE503	MOLECULAR BIOPHYSICS
Master's Degree	BMSE505	INTRODUCTION TO BIOOMEDICAL SCIENCES
Master's Degree	BMSE599(1)	BIOMEDICAL SCIENCES MASTER THESIS I
Master's Degree	BMSE599(2)	BIOMEDICAL SCIENCES MASTER THESIS II
Other	BMB503	MOLEKÜLER BİYOFİZİK
Master's Degree	BMB517	BİYOMEDİKAL SPEKTROSKOPİ VE MİKROSPEKTROSKOPİK GÖRÜNTÜLEME
Bachelor's Degree	MED100-C4	MOLECULAR AND CELLULAR MEDICAL SCIENCES COMMITTEE IV
Master's Degree	BMB590(1)	SEMİNER I - ÖĞRETİM ÜYESİ ARAŞTIRMA SEMİNERLERİ
Bachelor's Degree	MED100-C3	MOLECULAR AND CELLULAR MEDICAL SCIENCES COMMITTEE III
Bachelor's Degree	MED100	MOLECULAR AND CELLULAR MEDICAL SCIENCES

PERSONAL INFORMATION

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