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Eğitim Bilgileri

Doktora, Fırat Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıp Fakültesi Fizyoloji Anabilim Dalı, Türkiye 1999 - 2004

Yaptığı Tezler

Doktora, Poli Klorlu Bifenillerin Fare Timus Hücre Kültürlerinde İmmünobiyolojik Etkileri, Fırat Üniversitesi, Tıp Fakültesi, Tıp Pr., 2004

Yüksek Lisans, Östrus siklusu boyunca ve ovariektomi yapılan sıçanlarda stereoid uygulamasının sıvı-elektrolit dengesi ile supraoptik ve paraventricüler nükleuslarda noradrenerjik norotransmisyonu etkileri, Fırat Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1999

Araştırma Alanları

Tıp, Sağlık Bilimleri, Temel Tıp Bilimleri, Fizyoloji, Nörofizyoloji

Akademik Unvanlar / Görevler

Prof.Dr., İnönü Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, 2016 - Devam Ediyor

Doç.Dr., İnönü Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, 2011 - 2016

Yrd.Doç.Dr., İnönü Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, 2009 - 2011

Akademik İdari Deneyim

İnönü Üniversitesi, Sağlık Hizmetleri Meslek Yüksekokulu, 2016 - Devam Ediyor

İnönü Üniversitesi, Sağlık Bilimleri Enstitüsü, Fizyoloji (Dr), 2011 - 2013

Yönetilen Tezler

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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Hexa-substituted cyclotriphosphazene derivatives containing hetero-ring chalcones: Synthesis, in vitro cytotoxic activity and their DNA damage determination**
Beytur A., TEKİN Ç., Caliskan E., TEKİN S., KORAN K., GÖRGÜLÜ A. O. , SANDAL S.
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- II. **Synthesis of New Cinnamoyl-Amino Acid Conjugates and in Vitro Cytotoxicity and Genotoxicity Studies**
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- III. **Preparation, DFT calculations, docking studies, antioxidant, and anticancer properties of new pyrazole and pyridine derivatives**
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- IV. **Investigation of Obesogenic Effects of Hexachlorobenzene, Dichlorodiphenyltrichloroethane and Dichlorodiphenyldichloroethylene in a Male Rat Model**
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- VII. **Cytotoxic effect of endemic Tchiatchewia isatidea Boiss. from Turkey**
KIRBAĞ S., KESER S., TEKİN S., İnci S., SANDAL S.
ISRAEL JOURNAL OF PLANT SCIENCES, cilt.68, sa.1-2, ss.161-165, 2021 (Hakemli Dergi)
- VIII. **Polychlorinated biphenyls and organochlorine pesticides in breast milk samples and their correlation with dietary and reproductive factors in lactating mothers in Istanbul**
Agus S., Akkaya H., Daglioglu N., Eyuboglu S., Atasayan O., Mete F., ÇOLAK C., SANDAL S., YILMAZ B.
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- IX. **Infusion of Intracerebroventricular Irisin to Obese Male Rats Increases Secretion of Reproductive Hormones**
TEKİN S., SANDAL S.
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- X. **Effect of Intracerebroventricular MOTS-c Infusion on Peripheral Uncoupling Proteins in Rats**
Bahar M. R. , TEKİN S., Beytur A., ÖNALAN E., ÇOLAK C., SANDAL S.
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- XI. **Bioactive contents, In vitro antiradical, antimicrobial and cytotoxic properties of rhubarb (Rheum ribes L.) extracts**
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NATURAL PRODUCT RESEARCH, cilt.34, sa.23, ss.3353-3357, 2020 (Hakemli Dergi)

- XII. **Synthesis and spectroscopic characterizations of hexakis[(1-(4'-oxyphenyl)-3-(substituted-phenyl)prop-2-en-1-one)]cyclotriphosphazenes: their in vitro cytotoxic activity, theoretical analysis and molecular docking studies**
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- XIII. **Phytochemical compounds and antiradical, antimicrobial, and cytotoxic activities of the extracts from Hypericum scabrum L. Flowers**
KESER S., Keser F., KAYĞILI Ö., TEKİN S., DEMİR E., TÜRKOĞLU İ., TÜRKOĞLU S., PARLAK A. E. , YILMAZ Ö., KARATEPE M., et al.
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- XIV. **Endocrine disrupting chemicals: exposure, effects on human health, mechanism of action, models for testing and strategies for prevention**
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- XV. **Protective effect of saxagliptin against renal ischaemia reperfusion injury in rats**
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- XVI. **Cytotoxic Properties of Peptide Substituted Novel Cyclotriphosphazene Compound**
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- XVIII. **In Vitro Cytotoxic and Genotoxic Properties of Hexa Substituted New Organophosphazene Compounds**
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- XIX. **Administration of Acute Agomelatine Reduces Increased Oxidative Stress Due to Experimental Renal Ischemia / Reperfusion Damage in Rats**
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- XX. **Intracerebroventricular MOTS-C Infusion Suppresses Thyroid Hormone Secretion in Rats**
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- XXI. **The Effects of Intracerebroventricularly Administered Salusin-beta on levels of GnRH in Rats**
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- XXII. **Synthesis and evaluation of anticancer properties of novel benzimidazole ligand and their cobalt(II) and zinc(II) complexes against cancer cell lines A-2780 and DU-145**
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- XXIII. **Cytotoxic effects of coumarin substituted benzimidazolium salts against human prostate and ovarian cancer cells**
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- XXVI. **Evaluation of antioxidant and antiproliferative activities of 1,2-bis (p-amino-phenoxy) ethane derivative Schiff bases and metal complexes**
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- XXVII. **Cannabinoid type 2 receptor agonist JWH-133, attenuates Okadaic acid induced spatial memory impairment and neurodegeneration in rats**
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- XXVIII. **In vitro cytotoxic and in vivo antitumoral activities of some aminomethyl derivatives of 2,4-dihydro-3H-1,2,4-triazole-3-thiones-Evaluation of their acetylcholinesterase and carbonic anhydrase enzymes inhibition profiles**
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- XXXII. **Effects of Peripheral Irisin Infusion on the Glucose Uptake in High-Fat-Diet-Induced Obese Rats**
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- XXXIII. **Effects of central FGF21 infusion on the hypothalamus-pituitary-thyroid axis and energy metabolism in rats**
YILMAZ Ü., TEKİN S., Demir M., ÇİĞREMİŞ Y., SANDAL S.
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- XXXIV. **Central irisin administration suppresses thyroid hormone production but increases energy consumption in rats**
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- XXXV. **Pinealectomy alters IFN-gamma and IL-10 levels in primary thymocyte culture of rats**
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- XXXVI. **Protective Effect of Saxagliptin Against Renal Ischemia/Reperfusion Injury in Male Rats**
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- XXXVII. **Investigation of Antiproliferative Properties of Malva neglecta Extracts**
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- XXXVIII. **Cytotoxicity Properties of Full Substituted Organocyclophosphazene Derivatives Containing chalcone-groups against A2780 and MCF-7 Cancer Cell Lines**
Durmus M., Beytur A., Celik M., Disli F., KORAN K., TEKİN S., GÖRGÜLÜ A. O. , SANDAL S.
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- XXXIX. **Investigation of The Anticarcinogenic Effects of Portulaca oleracea Extracts on Different Human Cancer Cell Lines**
SANDAL S., KESER S., TEKİN S., Keser F., TÜRKOĞLU İ., KARATEPE M.
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- XL. **Determination of Anticancer Activities of Organophosphazene Compounds Bearing Ether Groups on Human Cancer Cell Lines**
Beytur A., Demir I., KORAN K., TEKİN S., GÖRGÜLÜ A. O. , SANDAL S.
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- XLI. **Investigation of Cytotoxicity Properties of Novel Phthalocyanine Complexes Containing Chalcones Groups on Different Cancer Cell Lines**
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- XLII. **Investigation of the Effects of Sitagliptin on Cancer; In Vitro Study**
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- XLIII. **Determination of Cytotoxicity Properties of Oxime-Cyclotriphosphazene Derivatives Against PC-3 Cancer Cell Lines**
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- XLIV. **Analysis of Relationship Between Dioxin-Like and Estrogenic Bioactivity and Genotoxic Changes in Mammary Epithelial Cells with Nutritional Habits of Breastfeeding Mothers**
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- XLV. **Investigation on The Effect of Nano-TiO₂ Synthesized By The Hydrothermal Method on LnCap Cancer Cells**
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- XLVI. **Synthesis, structural and thermal characterizations, dielectric properties and in vitro cytotoxic activities of new 2,2,4,4-tetra(4'-oxy-substituted-chalcone)-6,6-diphenylcyclotriphosphazene derivatives**
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- XLVII. **The effects of intracerebroventricular infusion of irisin on feeding behaviour in rats**
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- XLVIII. **Effects of apelin on reproductive functions: relationship with feeding behavior and energy metabolism**
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- XLIX. **Potential risk factors for early large pleural effusion after coronary artery bypass grafting surgery**
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- LI. **Synthesis of 2-(2,3,4-trimethoxyphenyl)-1-(substituted-phenyl)acrylonitriles: in vitro anticancer activity against MCF-7, PC-3 and A2780 cancer cell lines**
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- LII. **The Effect of Melatonin on the Alzheimer's Disease: Relationship with FEZ1 Gene Expression**
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- LIII. **The Effect of Hypericum scabrum on the Human Prostate, Colon and Breast Cancer**
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- LIV. **Investigation of Anti-cancer Properties of 2,2,4,4-Tetra (4'-oxy-substituted-chalcone)-6,6-diphenylcyclophosphazene Derivatives Against Human Ovarian (A2780) and Prostate (PC-3) Cancer Cell Lines**
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- LV. **A Novel Effective Myokine in the Control of Reproduction Behaviour; Irisin**
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- LVI. **Determination of Anticancer and Antimicrobial Properties of Alcea calvertii**
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- LVII. **Is there Any Relationship Between Obesity and FGF21?**
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- LVIII. **Does Irisin Affect Uncoupling Protein Levels in Fat and Muscle Tissues?**
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- LIX. **Comparison of Bioactivity of Dioxins in Breast Milk with Body Mass Index in Lactating Mothers**
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- LX. **Neurotransmitters Levels in Experimentally Produced Alzheimer Model in Rats**
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- LXI. **Effects of Central FGF21 Infusion on TRH and TSH Levels**
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- LXII. **Investigation of biological effects of some Mannich Bases containing Bis-1,2,4-Triazole**
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- LXIV. **Synthesis, structural characterization, and in vitro anti-cancer activities of new phenylacrylonitrile derivatives**
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