

## Assoc. Prof. SUAT TEKİN

### Personal Information

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### Education Information

Doctorate, Inonu University, Tıp Fakültesi, Fizyoloji, Turkey 2011 - 2015

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, İnönü Üniversitesi, 2011

### Dissertations

Doctorate, BESLENMENİN HİPOTALAMİK KONTROLÜNDE İRİSİN HORMONUNUN ETKİLERİNİN ARAŞTIRILMASI, Inonu University, Tıp Fakültesi, Fizyoloji, 2015

Postgraduate, ERKEK SIÇANLARDA İNTRASEREBROVENTRİKÜLER APELİN UYGULAMASININ HİPOTALAMUS – HİPOFİZ - GONADAL EKSEN ÜZERİNDEKİ ETKİLERİb , Inonu University, Tıp Fakültesi, Fizyoloji, 2011

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Human Physiology

### Academic Titles / Tasks

Associate Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2018 - Continues

Assistant Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2018 - 2018

Assistant Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2015 - 2018

Research Assistant PhD, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2010 - 2015

### Academic and Administrative Experience

Inonu University, Tıp Fakültesi Fakülte Akademik Teşvik Başvuru Ve İnceleme Komisyon Üyesi, 2019 - Continues

Inonu University, Tıp Fakültesi Fakülte Klinik Beceri Komisyon Üyesi, 2018 - Continues  
Inonu University, Tıp Fakültesi Fakülte Stratejik Planlama Komisyon Üyesi, 2017 - Continues  
Inonu University, Tıp Fakültesi Deney Hayvanları Üretim Ve Araştırma Merkezi, 2016 - Continues  
Inonu University, Tıp Fakültesi Deney Hayvanları Üretim Ve Araştırma Merkezi, 2016 - Continues  
Inonu University, Tıp Fakültesi Fakülte Kurul Üyesi, 2016 - Continues  
Inonu University, Tıp Fakültesi Fakültesi Dönem I, 2016 - 2018

## Advising Theses

TEKİN S., Sıçanlarda İntraserebroventriküler Salusin- $\beta$  İnfüzyonunun Hipotalamus- Hipofiz- Testiküler Aks Üzerindeki Etkileri, Postgraduate, İ.DEMİR(Student), 2017

## Jury Memberships

Post Graduate, Yüksek Lisans Tez Savunması, İnönü Üniversitesi, April, 2016  
Doctorate, Doktora Tez Sınavı, Fırat Üniversitesi, January, 2016

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Silyl-functionalised silver rhodium and iridium N-heterocyclic carbene complexes with promising cytotoxicity and antimicrobial potential**  
KARATAŞ M. O. , Keskin T., ÖZDEMİR N., KÜÇÜKBAY H., TEKİN S., Mansur A., GÜNAL S., SANDAL S.  
INORGANIC CHEMISTRY COMMUNICATIONS, vol.146, 2022 (SCI-Expanded)
- II. **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.  
BIOORGANIC CHEMISTRY, vol.127, 2022 (SCI-Expanded)
- III. **Preparation, DFT calculations, docking studies, antioxidant, and anticancer properties of new pyrazole and pyridine derivatives**  
Zebbiche Z., Sekerci G., Boulebd H., KÜÇÜKBAY F., TEKİN S., Tekin Z., KÜÇÜKBAY H., SANDAL S., Boumoud B.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.36, no.9, 2022 (SCI-Expanded)
- IV. **Antioxidant and cytotoxic properties of some new dipeptide-indole conjugates**  
Gonul Z., Ozturk D. A. , KÜÇÜKBAY F., TEKİN S., Tekin Z., KÜÇÜKBAY H.  
JOURNAL OF HETEROCYCLIC CHEMISTRY, 2022 (SCI-Expanded)
- V. **MOTS-c as a predictor of coronary lesions and complexity in patients with stable coronary artery disease.**  
Yaşar E., Çakmak T., Bayramoğlu A., Karakuş Y., Tekin S., Şekerci G., Türkoğlu C.  
European review for medical and pharmacological sciences, vol.26, no.16, pp.5676-5682, 2022 (SCI-Expanded)
- VI. **Synthesis of New Cinnamoyl-Amino Acid Conjugates and in Vitro Cytotoxicity and Genotoxicity Studies**  
Caliskan E., Ozturk D. A. , KORAN K., TEKİN S., SANDAL S., ERKAN S., GÖRGÜLÜ A. O. , ÇETİN A.  
CHEMISTRY & BIODIVERSITY, vol.19, no.8, 2022 (SCI-Expanded)
- VII. **Effects of meteorin-like hormone on endocrine function of hypothalamo-hypophysial system and peripheral uncoupling proteins in rats.**  
Şekerci G., Erden Y., Tekin S.  
Molecular biology reports, vol.49, pp.5919-5925, 2022 (SCI-Expanded)
- VIII. **(E)-1-(4-Hydroxyphenyl)-3-(substituted-phenyl)prop-2-en-1-ones: Synthesis, In Vitro Cytotoxic Activity and Molecular Docking Studies.**

- Sirka L., Doğan H., Bahar M. R. , Çalışkan E., Tekin S., Uslu H., Koran K., Sandal S., Görgülü A. O.  
Acta chimica Slovenica, vol.69, no.2, pp.281-292, 2022 (SCI-Expanded)
- IX. **Protective effect of saxagliptin against renal ischaemia reperfusion injury in rats**  
TEKİN S., Beytur A., ÇAKIR M., Taslidere A., ERDEN Y., TEKİN Ç., SANDAL S.  
ARCHIVES OF PHYSIOLOGY AND BIOCHEMISTRY, vol.128, no.3, pp.608-618, 2022 (SCI-Expanded)
- X. **Synthesis, structural characterizations and in vitro cytotoxic activities of new sulfonamide-based Schiff base derivatives**  
Sahal H., Oz S., TEKİN S., CANPOLAT E.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2022 (SCI-Expanded)
- XI. **Central Application of Asprosin Increases Secretion of Male Reproductive Hormones: An In Vivo Study**  
Keskin T., ERDEN Y., TEKİN S.  
ACTA PHYSIOLOGICA, vol.234, pp.55, 2022 (SCI-Expanded)
- XII. **Mitochondrial-Derived Peptide (MOTS-c) Induces Cell Death by Inducing DNA Damage in Caco-2 Cell Line**  
ERDEN Y., Gunay S., TEKİN S., ÇELEBİOĞLU H. U. , TEKİN Ç., Navruz F. Z. , Keskin T., Ekin B.  
ACTA PHYSIOLOGICA, vol.234, pp.18, 2022 (SCI-Expanded)
- XIII. **Central MOTS-c Infusion in Obese and Non-obese Rats Increases Reproductive Hormones Secretion**  
Ozturk D. A. , ERDEN Y., TEKİN S.  
ACTA PHYSIOLOGICA, vol.234, pp.49, 2022 (SCI-Expanded)
- XIV. **Central Administration of Meteorin-Like Protein to Rats Activates Hypothalamus-Pituitary-Thyroid Axis Hormones and Increases Peripheral Uncoupling Proteins**  
Sekerci G., ERDEN Y., TEKİN S.  
ACTA PHYSIOLOGICA, vol.234, pp.56, 2022 (SCI-Expanded)
- XV. **Intracerebroventricular asprosin administration strongly stimulates hypothalamic-pituitary-testicular axis in rats.**  
Keskin T., Erden Y., Tekin S.  
Molecular and cellular endocrinology, vol.538, pp.111451, 2021 (SCI-Expanded)
- XVI. **Cytotoxic effect of endemic Trehalose isatidea Boiss. from Turkey**  
KIRBAĞ S., KESER S., TEKİN S., İnci S., SANDAL S.  
ISRAEL JOURNAL OF PLANT SCIENCES, vol.68, no.1-2, pp.161-165, 2021 (SCI-Expanded)
- XVII. **Intracerebroventricular salusin-β infusion to rats increases hypothalamus-pituitary-testicular axis hormones.**  
Demir İ., Tekin S., Vardı N., Sandal S.  
General and comparative endocrinology, vol.310, 2021 (SCI-Expanded)
- XVIII. **Chemical and biological characterization of sulfated chitosan oligomer as heparin mimics**  
Kocabay S., Bahar M. R. , TEKİN S., AKKAYA R., AKKAYA B.  
POLYMERS & POLYMER COMPOSITES, 2021 (SCI-Expanded)
- XIX. **Infusion of Intracerebroventricular Irisin to Obese Male Rats Increases Secretion of Reproductive Hormones**  
TEKİN S., SANDAL S.  
NEUROENDOCRINOLOGY, vol.111, pp.29-30, 2021 (SCI-Expanded)
- XX. **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.  
NEUROENDOCRINOLOGY, vol.111, pp.33-34, 2021 (SCI-Expanded)
- XXI. **Bioactive contents, In vitro antiradical, antimicrobial and cytotoxic properties of rhubarb (Rheum ribes L.) extracts**  
KESER S., Keser F., KARATEPE M., KAYGILI Ö., TEKİN S., TÜRKOĞLU İ., DEMİR E., YILMAZ Ö., KIRBAĞ S., SANDAL S.  
NATURAL PRODUCT RESEARCH, vol.34, no.23, pp.3353-3357, 2020 (SCI-Expanded)
- XXII. **Synthesis and anticancer properties of novel hydrazone derivatives incorporating pyridine and isatin moieties**

- Zebbiche Z., TEKİN S., KÜÇÜKBAY H., Yuksel F., Boumoud B.  
ARCHIV DER PHARMAZIE, 2020 (SCI-Expanded)
- XXIII. **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**  
Dogan H., Bahar M. R. , Caliskan E., TEKİN S., USLU H., Akman F., KORAN K., SANDAL S., GÖRGÜLÜ A. O.  
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, 2020 (SCI-Expanded)
- XXIV. **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.  
NATURAL PRODUCT RESEARCH, vol.34, no.5, pp.714-719, 2020 (SCI-Expanded)
- XXV. **The ameliorating effect of cannabinoid type 2 receptor activation on brain, lung, liver and heart damage in cecal ligation and puncture-induced sepsis model in rats**  
ÇAKIR M., TEKİN S., Okan A., Cakan P., DOĞANYIĞIT Z.  
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.78, 2020 (SCI-Expanded)
- XXVI. **In Vitro Cytotoxic and Genotoxic Properties of Hexa Substituted New Organophosphazene Compounds**  
Dogan H., Bahar M. R. , Caliskan E., KORAN K., TEKİN S., SANDAL S., GÖRGÜLÜ A. O.  
ACTA PHYSIOLOGICA, vol.227, pp.66, 2019 (SCI-Expanded)
- XXVII. **Cytotoxic Properties of Amino Acid Substituted Novel Cinnamic Acid Compounds**  
Caliskani E., Ozturk D. A. , TEKİN S., KORAN K., GÖRGÜLÜ A. O. , ÇETİN A.  
ACTA PHYSIOLOGICA, vol.227, pp.66, 2019 (SCI-Expanded)
- XXVIII. **The Effects of Intracerebroventricularly Administered Salusin-beta on levels of GnRH in Rats**  
Demir I., TEKİN S., SANDAL S.  
ACTA PHYSIOLOGICA, vol.227, pp.111, 2019 (SCI-Expanded)
- XXIX. **Intracerebroventricular MOTS-C Infusion Suppresses Thyroid Hormone Secretion in Rats**  
Bahar M. R. , TEKİN S., Beytur A., Ozyalm F., ÖNALAN E., SANDAL S.  
ACTA PHYSIOLOGICA, vol.227, pp.30, 2019 (SCI-Expanded)
- XXX. **Intracerebroventricular MOTS-C Infusion Increases Peripheral Uncoupling Proteins in Rats Generated From Experimental Obesity Model**  
TEKİN S., ÖNALAN E., SANDAL S.  
ACTA PHYSIOLOGICA, vol.227, pp.106, 2019 (SCI-Expanded)
- XXXI. **Cytotoxic Properties of Peptide Substituted Novel Cyclotriphosphazene Compound**  
KORAN K., TEKİN S., Caliskan E., Capan T., SANDAL S., GÖRGÜLÜ A. O.  
ACTA PHYSIOLOGICA, vol.227, pp.68, 2019 (SCI-Expanded)
- XXXII. **The protective effect of cannabinoid type 2 receptor activation on renal ischemia-reperfusion injury**  
Cakir M., TEKİN S., Doganyigit Z., Cakan P., Kaymak E.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.462, pp.123-132, 2019 (SCI-Expanded)
- XXXIII. **Cannabinoid Type 2 Receptor Activation Reduces Inflammation and Apoptosis in the Lung in Model of Sepsis Induced by Cecal Ligation Puncture**  
ÇAKIR M., TEKİN S., DOĞANYIĞIT Z., Oflamaz A. O.  
ACTA PHYSIOLOGICA, vol.227, pp.59, 2019 (SCI-Expanded)
- XXXIV. **Administration of Acute Agomelatine Reduces Increased Oxidative Stress Due to Experimental Renal Ischemia / Reperfusion Damage in Rats**  
Aykora D., Ozturk D. A. , Tanbek K., Bahar M. R. , TEKİN S., SANDAL S.  
ACTA PHYSIOLOGICA, vol.227, pp.51, 2019 (SCI-Expanded)
- XXXV. **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**  
Yilmaz U., TEKİN S., Bugday N., Yavuz K., KÜÇÜKBAY H., Sandal S.  
INORGANICA CHIMICA ACTA, vol.495, 2019 (SCI-Expanded)

- XXXVI. **Cytotoxic effects of coumarin substituted benzimidazolium salts against human prostate and ovarian cancer cells**  
KARATAŞ M. O. , TEKİN S., ALICI B., SANDAL S.  
JOURNAL OF CHEMICAL SCIENCES, vol.131, no.8, 2019 (SCI-Expanded)
- XXXVII. **In vitro and histological investigation of antitumor effect of some triazole compounds in colon cancer cell line**  
PARLAK A. E. , TEKİN S., Karatepe A., Koparir P., Telceken H., ÇERİBAŞI A. O. , KARATEPE M.  
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.120, no.7, pp.11809-11819, 2019 (SCI-Expanded)
- XXXVIII. **Effects of intracerebroventricular administration of irisin on the hypothalamus-pituitary-gonadal axis in male rats**  
TEKİN S., BEYTUR A., ERDEN Y., Beytur A., ÇİĞREMİŞ Y., VARDI N., TÜRKÖZ Y., TEKEDERELİ İ., SANDAL S.  
JOURNAL OF CELLULAR PHYSIOLOGY, vol.234, no.6, pp.8815-8824, 2019 (SCI-Expanded)
- XXXIX. **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**  
YILMAZ Ü., TEKİN S., Buğday N., Yavuz K., KÜÇÜKBAY H., SANDAL S.  
INORGANICA CHIMICA ACTA, vol.495, no.118977, pp.1-7, 2019 (SCI-Expanded)
- XL. **TRPM2 mediates disruption of autophagy machinery and correlates with the grade level in prostate cancer**  
TEKTEMUR A., Ozaydin S., ÖNALAN E., KAYA N., KULOĞLU T., ÖZERCAN İ. H. , TEKİN S., Elyas H. M.  
JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY, vol.145, no.5, pp.1297-1311, 2019 (SCI-Expanded)
- XL1. **Agomelatine pretreatment prevents development of hyperglycemia and hypoinsulinemia in streptozotocin-induced diabetes in mice**  
ÖZCAN M., CANPOLAT S., BULMUŞ Ö., ÜLKER N., TEKTEMUR A., TEKİN S., ÖZCAN S., SERHATLIOĞLU İ., KAÇAR E., AYAR A., et al.  
FUNDAMENTAL & CLINICAL PHARMACOLOGY, vol.33, no.2, pp.170-180, 2019 (SCI-Expanded)
- XLII. **Protective effect of N-(p-amylcinnamoyl) anthranilic acid, phospholipase A(2) enzyme inhibitor, and transient receptor potential melastatin-2 channel blocker against renal ischemia-reperfusion injury**  
ÇAKIR M., TEKİN S., TAŞLIDERE A., Cakan P., DÜZOVA H., Gul C. C.  
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.120, no.3, pp.3822-3832, 2019 (SCI-Expanded)
- XLIII. **Cannabinoid type 2 receptor agonist JWH-133, attenuates Okadaic acid induced spatial memory impairment and neurodegeneration in rats**  
ÇAKIR M., TEKİN S., DOĞANYİĞİT Z., ERDEN Y., Soyuturk M., ÇİĞREMİŞ Y., SANDAL S.  
LIFE SCIENCES, vol.217, pp.25-33, 2019 (SCI-Expanded)
- XLIV. **Effect of Cannabinoid Type 2 Receptor Activation in Okadaic Acid Induced Rat Alzheimer's Disease Model**  
ÇAKIR M., DOĞANYİĞİT Z., TEKİN S., ERDEN Y., ÇİĞREMİŞ Y., SANDAL S.  
ACTA PHYSIOLOGICA, vol.225, pp.41, 2018 (SCI-Expanded)
- XLV. **Effect of Intracerebroventricular Administration of Apelin-13 on the Hypothalamus-Pituitary-Thyroid Axis and Peripheral Uncoupling Proteins**  
ERDEN Y., TEKİN S., TEKİN Ç., Ozyalin F., YILMAZ Ü., ÖNALAN E., ÇİĞREMİŞ Y., ÇOLAK C., SANDAL S.  
INTERNATIONAL JOURNAL OF PEPTIDE RESEARCH AND THERAPEUTICS, vol.24, no.4, pp.511-517, 2018 (SCI-Expanded)
- XLVI. **Effect of ACA on Ischemia/Reperfusion Injury in Rats (A Histological Study)**  
ÇAKIR M., TAŞLIDERE A., TEKİN S., DÜZOVA H.  
ACTA PHYSIOLOGICA, vol.225, pp.51, 2018 (SCI-Expanded)
- XLVII. **Effects of Peripheral Irisin Infusion on the Glucose Uptake in High-Fat-Diet-Induced Obese Rats**  
SANDAL S., TEKİN S., ERDEN Y., Caglayan A. B. , Ozyalin F., ÇİĞREMİŞ Y., ÇOLAK C.  
ACTA PHYSIOLOGICA, vol.225, pp.64, 2018 (SCI-Expanded)
- XLVIII. **Determination of in Vitro Cytotoxic Activity of new Chalcone-Phosphazene Compounds Bearing Indole and Imidazole Hetero Groups as Side Groups on A2780 and PC-3 Cancer Cell Lines**  
SANDAL S., TEKİN S., Koran K., Gorgulu A. O.

ACTA PHYSIOLOGICA, vol.225, pp.32, 2018 (SCI-Expanded)

- XLIX. **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.  
JOURNAL OF PHYSIOLOGICAL SCIENCES, vol.68, no.6, pp.781-788, 2018 (SCI-Expanded)
- L. **Central irisin administration suppresses thyroid hormone production but increases energy consumption in rats**  
TEKİN S., Erden Y., OZYALIN F., Onalan E. E., ÇİĞREMİŞ Y., ÇOLAK C., TEKEDERELİ İ., SANDAL S.  
NEUROSCIENCE LETTERS, vol.674, pp.136-141, 2018 (SCI-Expanded)
- LI. **New platinum (II) and palladium (II) complexes of coumarin-thiazole Schiff base with a fluorescent chemosensor properties: Synthesis, spectroscopic characterization, X-ray structure determination, in vitro anticancer activity on various human carcinoma cell lines and computational studies**  
Sahin O., ÖZDEMİR ÖZMEN Ü., SEFEROĞLU N., KARAGÖZ GENÇ Z., Kaya K., AYDINER B., TEKİN S., SEFEROĞLU Z.  
JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, vol.178, pp.428-439, 2018 (SCI-Expanded)
- LII. **Investigation of the Effects of Sitagliptin on Cancer; In Vitro Study**  
TEKİN S., ÇAKIR M., Beytur A., SANDAL S.  
ACTA PHYSIOLOGICA, vol.221, pp.51, 2017 (SCI-Expanded)
- LIII. **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.  
ACTA PHYSIOLOGICA, vol.221, pp.50, 2017 (SCI-Expanded)
- LIV. **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.  
ACTA PHYSIOLOGICA, vol.221, pp.53, 2017 (SCI-Expanded)
- LV. **Protective Effect of Saxagliptin Against Renal Ischemia/Reperfusion Injury in Male Rats**  
TEKİN S., Beytur A., ÇAKIR M., SANDAL S.  
ACTA PHYSIOLOGICA, vol.221, pp.27-28, 2017 (SCI-Expanded)
- LVI. **Investigation of Cytotoxicity Properties of Novel Phthalocyanine Complexes Containing Chalcones Groups on Different Cancer Cell Lines**  
TEKİN S., KORAN K., GÖRGÜLÜ A. O., SANDAL S.  
ACTA PHYSIOLOGICA, vol.221, pp.51, 2017 (SCI-Expanded)
- LVII. **Investigation of Antiproliferative Properties of Malva neglecta Extracts**  
TEKİN S., KESER S., Keser F., SANDAL S., TÜRKOĞLU İ., KARATEPE M., TÜRKOĞLU S.  
ACTA PHYSIOLOGICA, vol.221, pp.52, 2017 (SCI-Expanded)
- LVIII. **Determination of Cytotoxicity Properties of Oxime-Cyclotriphosphazene Derivatives Against PC-3 Cancer Cell Lines**  
Caliskan S., Beytur A., Menengic K. N., TEKİN S., KORAN K., GÖRGÜLÜ A. O., SANDAL S.  
ACTA PHYSIOLOGICA, vol.221, pp.53, 2017 (SCI-Expanded)
- LIX. **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.  
ACTA PHYSIOLOGICA, vol.221, pp.52, 2017 (SCI-Expanded)
- LX. **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**  
Koran K., TEKİN Ç., Biryan F., TEKİN S., SANDAL S., Gorgulu A. O.  
MEDICINAL CHEMISTRY RESEARCH, vol.26, no.5, pp.962-974, 2017 (SCI-Expanded)
- LXI. **ACA, an inhibitor phospholipases A2 and transient receptor potential melastatin-2 channels, attenuates okadaic acid induced neurodegeneration in rats**  
Cakir M., DÜZOVA H., TEKİN S., Taslidere E., Kaya G. B., ÇİĞREMİŞ Y., Ozgocer T., YOLOĞLU S.

LIFE SCIENCES, vol.176, pp.10-20, 2017 (SCI-Expanded)

- LXII. **Investigation on The Effect of Nano-TiO<sub>2</sub> Synthesized By The Hydrothermal Method on LnCap Cancer Cells**  
EMRE F. B. , OKUŞLUK F., TEKİN S., SANDAL S.  
BULGARIAN CHEMICAL COMMUNICATIONS, vol.49, no.3, pp.296-300, 2017 (SCI-Expanded)
- LXIII. **The effects of intracerebroventricular infusion of irisin on feeding behaviour in rats**  
TEKİN S., Erden Y., OZYALIN F., ÇİĞREMİŞ Y., ÇOLAK C., SANDAL S.  
NEUROSCIENCE LETTERS, vol.645, pp.25-32, 2017 (SCI-Expanded)
- LXIV. **Effects of apelin on reproductive functions: relationship with feeding behavior and energy metabolism**  
TEKİN S., Erden Y., SANDAL S., Onalan E. E. , OZYALIN F., Ozen H., Yilmaz B.  
ARCHIVES OF PHYSIOLOGY AND BIOCHEMISTRY, vol.123, no.1, pp.9-15, 2017 (SCI-Expanded)
- LXV. **Synthesis, structural and thermal characterizations and in vitro cytotoxic activities of new cyclotriphosphazene derivatives**  
KORAN K., TEKİN Ç., Caliskan E., TEKİN S., SANDAL S., GÖRGÜLÜ A. O.  
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, vol.192, no.9, pp.1002-1011, 2017 (SCI-Expanded)
- LXVI. **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**  
Ozen F., TEKİN S., Koran K., SANDAL S., Gorgulu A. O.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.42, no.12, pp.7793-7805, 2016 (SCI-Expanded)
- LXVII. **TRPM2 Antagonist ACA Ameliorates Okadaic Acid-induced Oxidative Stress and Neuroinflammation in Rats**  
Cakir M., DÜZOVA H., TEKİN S., Ozgocer T.  
ACTA PHYSIOLOGICA, vol.218, pp.18, 2016 (SCI-Expanded)
- LXVIII. **Investigation of Anti-cancer Properties of 2,2,4,4-Tetra (4'-oxy-substituted-chalcone)-6,6-diphenylcyclotriphosphazene Derivatives Against Human Ovarian (A2780) and Prostate (PC-3) Cancer Cell Lines**  
TEKİN Ç., Koran K., TEKİN S., SANDAL S., Gorgulu A. O.  
ACTA PHYSIOLOGICA, vol.218, pp.51, 2016 (SCI-Expanded)
- LXIX. **Effects of Central FGF21 Infusion on TRH and TSH Levels**  
YILMAZ Ü., TEKİN S., DEMİR M., SANDAL S., ÇİĞREMİŞ Y.  
ACTA PHYSIOLOGICA, vol.218, pp.47-48, 2016 (SCI-Expanded)
- LXX. **Is there Any Relationship Between Obesity and FGF21?**  
YILMAZ Ü., TEKİN S., DEMİR M., SANDAL S.  
ACTA PHYSIOLOGICA, vol.218, pp.51-52, 2016 (SCI-Expanded)
- LXXI. **Does Irisin Affect Uncoupling Protein Levels in Fat and Muscle Tissues?**  
TEKİN S., SANDAL S., Erden Y., Onalan E. E. , ÇOLAK C.  
ACTA PHYSIOLOGICA, vol.218, pp.49, 2016 (SCI-Expanded)
- LXXII. **A Novel Effective Myokine in the Control of Reproduction Behaviour; Irisin**  
TEKİN S., Erden Y., BEYTUR A., ÇİĞREMİŞ Y., SANDAL S., TÜRKÖZ Y., TEKEDERELİ İ., BEYTUR A.  
ACTA PHYSIOLOGICA, vol.218, pp.24, 2016 (SCI-Expanded)
- LXXIII. **The Effect of Hypericum scabrum on the Human Prostate, Colon and Breast Cancer**  
Keser S., TEKİN S., Kaygili O., Keser F., SANDAL S.  
ACTA PHYSIOLOGICA, vol.218, pp.52, 2016 (SCI-Expanded)
- LXXIV. **Determination of Anticancer and Antimicrobial Properties of Alcea calvertii**  
Keser S., TEKİN S., Kaygili O., Keser F., Turkoglu I., Turkoglu S., Kirbag S., SANDAL S.  
ACTA PHYSIOLOGICA, vol.218, pp.52, 2016 (SCI-Expanded)
- LXXV. **Investigation of biological effects of some Mannich Bases containing Bis-1,2,4-Triazole**  
Parlak A. E. , Celik S., Karatepe M., Turkoglu S., Alayunt N. O. , Dastan S. D. , Ulas M., SANDAL S., TEKİN S., Koparir M.  
CELLULAR AND MOLECULAR BIOLOGY, vol.62, no.7, pp.46-54, 2016 (SCI-Expanded)

- LXXVI. **The effect of varicocoelectomy on the relationship of oxidative stress in peripheral and internal spermatic vein with semen parameters**  
ALTINTAS R., EDIZ C., CELIK H., CAMTOSUN A., TAŞDEMİR C., TANBEK K., TEKİN S., ÇOLAK C., ALAN C.  
ANDROLOGY, vol.4, no.3, pp.442-446, 2016 (SCI-Expanded)
- LXXVII. **Effects of central irisin administration on the uncoupling proteins in rat brain**  
Erden Y., TEKİN S., SANDAL S., Onalan E. E., Tektemur A., Kirbag S.  
NEUROSCIENCE LETTERS, vol.618, pp.6-13, 2016 (SCI-Expanded)
- LXXVIII. **Synthesis, structural characterization, and in vitro anti-cancer activities of new phenylacrylonitrile derivatives**  
Ozen F., TEKİN S., Koran K., SANDAL S., Gorgulu A. O.  
APPLIED BIOLOGICAL CHEMISTRY, vol.59, no.2, pp.239-248, 2016 (SCI-Expanded)
- LXXIX. **Synthesis and evaluation of novel N, N'-disubstituted benzimidazolium bromides salts as antitumor agents**  
KÜÇÜKBAY H., MUMCU A., TEKİN S., SANDAL S.  
TURKISH JOURNAL OF CHEMISTRY, vol.40, no.3, pp.393-414, 2016 (SCI-Expanded)
- LXXX. **Design, Synthesis, in vitro Antiproliferative Activity, Binding Modeling of 1,2,4-Triazoles as New Anti-Breast Cancer Agents**  
Genc M., Genc Z. K., TEKİN S., SANDAL S., SIRAJUDDIN M., BEN HADDA T., Sekerci M.  
ACTA CHIMICA SLOVENICA, vol.63, no.4, pp.726-737, 2016 (SCI-Expanded)
- LXXXI. **Synthesis, Characterization, and Anticancer Activity of New Benzofuran Substituted Chalcones**  
Coskun D., TEKİN S., SANDAL S., Coskun A. F.  
JOURNAL OF CHEMISTRY, 2016 (SCI-Expanded)
- LXXXII. **Alkyl sulfonic acid hydrazides: Synthesis, characterization, computational studies and anticancer, antibacterial, anticarbonic anhydrase II (hCA II) activities**  
Ozdemir U. O., Ilbiz F., Gunduzalp A. B., Ozbek N., Genc Z. K., Hamurcu F., TEKİN S.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1100, pp.464-474, 2015 (SCI-Expanded)
- LXXXIII. **Synthesis and evaluation of benzofuran substituted chalcones on human breast cancer cell lines: An in vitro study**  
TEKİN S., Coskun D., SANDAL S.  
ACTA PHYSIOLOGICA, vol.215, pp.136-137, 2015 (SCI-Expanded)
- LXXXIV. **The alterations in serum ghrelin and leptin levels after intracerebroventricularly irisin infusion in rats**  
TEKİN S., ERDEN Y., SANDAL S., OZYALIN F., ÇOLAK C.  
ACTA PHYSIOLOGICA, vol.215, pp.94, 2015 (SCI-Expanded)
- LXXXV. **Predictive models forecast relationships of apelin-13 concentrations with UCP1 in WAT and BAT, and UCP3 in muscle**  
TEKİN S., ERDEN Y., SANDAL S., Etem E., ÇOLAK C.  
ACTA PHYSIOLOGICA, vol.215, pp.84, 2015 (SCI-Expanded)
- LXXXVI. **The relationship between irisin and testicular functions: A morphological approach**  
Sandal S., Vardi N., Tekin S., ERDEN Y., Beytur A.  
ACTA PHYSIOLOGICA, vol.215, pp.93, 2015 (SCI-Expanded)
- LXXXVII. **Is there any relationship between irisin and thyroid hormones?**  
SANDAL S., TEKİN S., ERDEN Y., OZYALIN F.  
ACTA PHYSIOLOGICA, vol.215, pp.133, 2015 (SCI-Expanded)
- LXXXVIII. **Benzimidazole based a new therapeutic agent effective on ovarian cancer cells**  
TEKİN S., MUMCU A., KÜÇÜKBAY H., SANDAL S.  
ACTA PHYSIOLOGICA, vol.215, pp.134, 2015 (SCI-Expanded)
- LXXXIX. **New synthesized benzofuran substituted chalcones on human prostate cancer cell lines: an in vitro study**  
TEKİN S., Coskun D., SANDAL S.  
ACTA PHYSIOLOGICA, vol.215, pp.133-134, 2015 (SCI-Expanded)



- XC. Prediction of apelin-13 concentration based on the levels of thyroid hormones in rats**  
ERDEN Y., TEKİN S., SANDAL S., ÇİĞREMİŞ Y., ÇOLAK C., OZYALIN F.  
ACTA PHYSIOLOGICA, vol.215, pp.8, 2015 (SCI-Expanded)
- XCI. Anti-tumor properties of microwave-assisted synthesized 6,7-dihydroxycoumarins: An in vitro study**  
TEKİN S., Koran K., Ozen F., Gorgulu A. O. , SANDAL S.  
ACTA PHYSIOLOGICA, vol.215, pp.134-135, 2015 (SCI-Expanded)
- XCII. Concentration effects of some new benzimidazole derivatives on Human Breast Cancer Cell Viability**  
TEKİN S., MUMCU A., KÜÇÜKBAY H., SANDAL S.  
ACTA PHYSIOLOGICA, vol.215, pp.135, 2015 (SCI-Expanded)
- XCIII. Determination of antitumor properties of cyclophosphazene derivatives bearing chalcone-groups against PC-3 cell lines**  
TEKİN S., Koran K., Ozen F., Gorgulu A. O. , SANDAL S.  
ACTA PHYSIOLOGICA, vol.215, pp.136, 2015 (SCI-Expanded)
- XCIV. Investigation of Anti-Carcinogenic Properties of 2-(2,3,4-trimethoxyphenyl)-1-(substituephenyl) Acrylonitrile and 7,8-dihydroxy-1-(substituephenyl) Coumarine Compounds against Human Breast Cancer Cell Lines**  
TEKİN S., Koran K., Ozen F., Gorgulu A. O. , SANDAL S.  
ACTA PHYSIOLOGICA, vol.215, pp.50, 2015 (SCI-Expanded)
- XCV. Theoretical calculations, cytotoxic evaluation, and molecular docking studies of 4-(1-adamantyl)-5-[2-(3-hydroxynaphthyl)]-2H-1,2,4-triazole-3(4H)-thione as a novel chemotherapeutic agent**  
Genc Z. K. , TEKİN S., SANDAL S., Genc M.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, no.9, pp.6229-6244, 2015 (SCI-Expanded)
- XCVI. The Effects of Apelin-13 on Puberty in Female Rats**  
ERDEN Y., TEKİN S., OZYALIN F., Ozen H., ÇOLAK C., SANDAL S.  
ACTA PHYSIOLOGICA, vol.215, pp.107, 2015 (SCI-Expanded)
- XCVII. Investigating the Relationships between Irisin Concentration and Serum TSH, T3 and T4 Levels by Prediction Models in the Rats**  
TEKİN S., ERDEN Y., ÇOLAK C., OZYALIN F., SANDAL S.  
ACTA PHYSIOLOGICA, vol.215, pp.53, 2015 (SCI-Expanded)
- XCVIII. Determination of Cytotoxicity Properties of Newly Synthesized Chalcone-Cyclophosphazene Compounds against Human Prostate Cancer Cell Lines**  
TEKİN S., Koran K., Ozen F., SANDAL S., Gorgulu A. O.  
ACTA PHYSIOLOGICA, vol.215, pp.49-50, 2015 (SCI-Expanded)
- XCIX. Investigation of the Effects of Irisin Hormone on the Hypothalamic Control of Feeding**  
TEKİN S., ERDEN Y., SANDAL S., ÇİĞREMİŞ Y., TEKEDERELİ İ., ÇOLAK C.  
ACTA PHYSIOLOGICA, vol.215, pp.27, 2015 (SCI-Expanded)
- C. Prediction of the Relationships between Irisin Concentration and Serum Leptin and Ghrelin Levels by Quadratic Polynomial Regression Models in the Rats**  
TEKİN S., ERDEN Y., OZYALIN F., ÇOLAK C., SANDAL S.  
ACTA PHYSIOLOGICA, vol.215, pp.55, 2015 (SCI-Expanded)
- CI. Radial Basis Function Artificial Neural Networks Can Predict UCP2 mRNA Levels According to Irisin Dose and Time of Application in the Cerebellum of Rats**  
ERDEN Y., TEKİN S., ÇOLAK C., SANDAL S., Tektemur A., Onalan E. E. , Kirbag S.  
ACTA PHYSIOLOGICA, vol.215, pp.107, 2015 (SCI-Expanded)
- CII. The effects of intracerebroventricular infusion of apelin-13 on reproductive function in male rats**  
SANDAL S., TEKİN S., Seker F. B. , BEYTUR A., VARDI N., ÇOLAK C., TAPAN T., YILDIZ S., Yılmaz B.  
NEUROSCIENCE LETTERS, vol.602, pp.133-138, 2015 (SCI-Expanded)
- CIII. Synthesis and DFT studies of structural and some spectral parameters of nickel(II) complex with 2-(2-hydroxybenzoyl)-N-(1-adamantyl) hydrazine carbothioamide**  
Genc Z. K. , TEKİN S., SANDAL S., Sekerci M., Genc M.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, no.7, pp.4477-4488, 2015 (SCI-Expanded)

- CIV. **Synthesis, structural characterization and anti-carcinogenic activity of new cyclotriphosphazenes containing dioxybiphenyl and chalcone groups**  
Gorgulu A. O. , Koran K., Ozen F., TEKİN S., SANDAL S.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1087, pp.1-10, 2015 (SCI-Expanded)
- CV. **The effect of dexmedetomidine against oxidative and tubular damage induced by renal ischemia reperfusion in rats**  
CAKIR M., POLAT A., TEKİN S., VARDI N., TASLIDERE E., DURAN Z. R. , TANBEK K.  
RENAL FAILURE, vol.37, no.4, pp.704-708, 2015 (SCI-Expanded)
- CVI. **Effect of intracerebroventricular irisin injection on the uncoupling protein expression in the rat brain**  
TEKİN S., Erden Y., Etem E., Tektemur A., Kirbag S., SANDAL S.  
ACTA PHYSIOLOGICA, vol.211, pp.157, 2014 (SCI-Expanded)
- CVII. **Determination of antitumor properties of synthesized chalcone-phosphazenes containing dioxybiphenyl groups against PC-3 and LNCaP cell lines**  
TEKİN S., Koran K., Ozen F., SANDAL S., Gorgulu A. O.  
ACTA PHYSIOLOGICA, vol.211, pp.74, 2014 (SCI-Expanded)
- CVIII. **Effects of chronic central administration of irisin on food intake, body weight and body temperature in the rats**  
TEKİN S., ERDEN Y., ÇOLAK C., SANDAL S.  
ACTA PHYSIOLOGICA, vol.211, pp.138, 2014 (SCI-Expanded)
- CIX. **New synthesized phosphazenes containing chalcone on human prostate cancer cell lines: An in vitro study**  
TEKİN S., Koran K., Ozen F., SANDAL S., Cil E., Gorgulu A. O.  
ACTA PHYSIOLOGICA, vol.211, pp.74-75, 2014 (SCI-Expanded)
- CX. **Does apelin-13 affect the development of brown fat?**  
YILMAZ Ü., ERDEN Y., TEKİN S., Etem E., SANDAL S.  
ACTA PHYSIOLOGICA, vol.211, pp.139, 2014 (SCI-Expanded)
- CXI. **Estimation of the relationships between irisin concentration and food intake, body weight and body temperature using polynomial regression models in the rats**  
TEKİN S., ÇOLAK C., ERDEN Y., SANDAL S.  
ACTA PHYSIOLOGICA, vol.211, pp.138, 2014 (SCI-Expanded)
- CXII. **Chronic intracerebroventricular apelin-13 infusion in rats increases daily food intake and body weight by reducing leptin levels**  
SANDAL S., TEKİN S., Yilmaz B.  
ACTA PHYSIOLOGICA, vol.211, pp.138-139, 2014 (SCI-Expanded)
- CXIII. **Can Apelin-13 be a new actor in control of obesity?**  
TEKİN S., ERDEN Y., Etem E., SANDAL S., ÇOLAK C.  
ACTA PHYSIOLOGICA, vol.211, pp.137-138, 2014 (SCI-Expanded)
- CXIV. **Effects of intracerebroventricular infusion of apelin-13 on the metabolism rate and energy expenditure**  
SANDAL S., ERDEN Y., TEKİN S., Etem E.  
ACTA PHYSIOLOGICA, vol.211, pp.139, 2014 (SCI-Expanded)
- CXV. **Effects of Perineural Administration of Dexmedetomidine in Combination with Levobupivacaine in a Rat Sciatic Nerve Block**  
Ali Erdogan M., Polat A., YÜCEL A., AYDOĞAN M. S. , PARLAKPINAR H., TEKİN S., DURMUŞ M., Ozcan Ersoy M.  
Current Therapeutic Research - Clinical and Experimental, vol.74, pp.74-78, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **In Vitro Biological Evaluation and Phytochemical Contents of Three Centaurea L. Species Growing**

**from Eastern Anatolia in Turkey**

KESER S., Keser F., TÜRKOĞLU İ., KAYĞILI Ö., TEKİN S., DEMİR E., KARATEPE M., YILMAZ Ö., KIRBAĞ S., SANDAL S., et al.

KSU TARIM VE DOĞA DERGİSİ-KSU JOURNAL OF AGRICULTURE AND NATURE, vol.23, no.1, pp.148-156, 2020 (ESCI)

**II. Antioxidant, Antimicrobial and Anticancer Activities of the Aspergillin PZ and Terphenyllin Secondary Metabolites: An in vitro Study**

ERDEN Y., TEKİN S., Betül Ceylan K., TEKİN Ç., KIRBAĞ S.

GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.32, no.3, pp.792-800, 2019 (ESCI)

**III. A new member of the myokine family: Irisin**

TEKİN Ç., TEKİN S., SANDAL S.

Medicine Science International Medical Journal, vol.6, no.2, pp.379-383, 2017 (Peer-Reviewed Journal)

**IV. Effects of central Apelin 13 infusion on the hypothalamic TRH mRNA and serum TSH levels in rats**

ERDEN Y., TEKİN S., Özyalın F., ÇİĞREMİŞ Y., SANDAL S.

Anatomy, vol.9, no.1, pp.52-53, 2015 (Peer-Reviewed Journal)

**V. Central Apelin 13 infusion increases hypothalamic NPY mRNA and serum ghrelin levels in**

TEKİN S., ÇİĞREMİŞ Y., SANDAL S.

Anatomy, vol.9, no.1, pp.52, 2015 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

**I. Effect of Cannabinoid Type 2 Receptor Activation in Okadaic Acid Induced Rat Alzheimer's Disease Model**

ÇAKIR M., DOĞANYİĞİT Z., TEKİN S., ERDEN Y., ÇİĞREMİŞ Y., SANDAL S.

Turkish Society of Physiological Sciences 44th National Physiology Congress, 1 - 04 November 2018, vol.225, pp.13236

**II. IS IRISIN A REGULATORY FACTOR ON FOOD INTAKE?**

SANDAL S., TEKİN S., ÇAĞLAYAN A. B. , ÇİĞREMİŞ Y., ÇOLAK C.

International Congress of Neuroendocrinology, 15 - 18 July 2018

**III. The effect of curcumin on brain trpm2 channel gene mRNA expression level in experimental Alzheimer's rat model induced by application of intracerebroventricular streptozotocin**

durhan m., TUNÇ S., TEKİN S., KAYA G. B. , YILDIZ A., ÇİĞREMİŞ Y.

3RD INTERNATIONAL CONGRESS OF TURKISH NEUROENDOCRINOLOGY SOCIETY, 29 June - 01 July 2018

**IV. Effects of Intracerebroventricular Administration of Salusin-beta on Food Intake, Water Consumption and Body Weight in Male Rats**

Demir I., TEKİN S., SANDAL S.

3rd International Congress of the Turkish-Neuroendocrinology-Society, Malatya, Turkey, 29 June - 01 July 2018, vol.107, pp.24

**V. The Effect of Curcumin on Brain TRPM2 Channel Gene mRNA Expression Level in Experimental Alzheimer's Rat Model Induced by Application of Intracerebroventricular Streptozotocin**

Durhan M., Tunc S., TEKİN S., Kaya G. B. , YILDIZ A., ÇİĞREMİŞ Y.

3rd International Congress of the Turkish-Neuroendocrinology-Society, Malatya, Turkey, 29 June - 01 July 2018, vol.107, pp.26

**VI. Effects of Central Infusion of Irisin on the Energy Metabolism and Glucose Uptake in Rats**

ERDEN Y., TEKİN S., Çağlayan A. B. , Özyalın F., ÇİĞREMİŞ Y., ÇOLAK C., SANDAL S.

3rd International Congress of the Turkish-Neuroendocrinology-Society, Malatya, Turkey, 29 June - 01 July 2018, vol.107, pp.28

**VII. Cannabinoid Type 2 Receptors Activation Improves Cognitive Dysfunction in a Okadaic Acid Induced Alzheimer Rat Model**

ÇAKIR M., TEKİN S.

3rd International Congress of the Turkish-Neuroendocrinology-Society, Malatya, Turkey, 29 June - 01 July 2018, vol.107, pp.26

- VIII. **Central Salusin-beta Infusion Increase Serum Testosterone Levels in Male Rats**  
TEKİN S., Demir I., SANDAL S.  
3rd International Congress of the Turkish-Neuroendocrinology-Society, Malatya, Turkey, 29 June - 01 July 2018, vol.107, pp.35
- IX. **MOTS-c Increases Food Consumption of Rats But Does Not Alter Body Weight**  
Beytur A., TEKİN S., SANDAL S.  
3rd International Congress of the Turkish-Neuroendocrinology-Society, Malatya, Turkey, 29 June - 01 July 2018, vol.107, pp.25
- X. **Investigation of the Effects of Mitochondrial-Derived Peptide (MOTS-c) on the Control of Feeding in Obese Rats**  
DURMUŞ M., TEKİN S., ÖNALAN E., SANDAL S.  
3rd International Congress of the Turkish-Neuroendocrinology-Society, Malatya, Turkey, 29 June - 01 July 2018, vol.107, pp.25
- XI. **The relationship between Saxagliptin and renal ischemi/reperfusion: A morphological approach**  
TEKİN S., beytur a., ÇETİN A., ÇAKIR M., SANDAL S.  
JOINT MEETING OF THE FEDERATION OF EUROPEAN PHYSIOLOGICAL SOCIETIES AND THE AUSTRIAN PHYSIOLOGICAL SOCIETY WITH PARTICIPATION OF THE CZECH, FRENCH, ITALIAN, SLOVAK, SLOVENIAN, SWISS AND TURKISH PHYSIOLOGICAL SOCIETIES (FEPS 2017), 13 - 15 September 2017, vol.221, pp.66-113
- XII. **Synthesis of New 1,1,3,3-Tetra(4'-oxy-3-substituted-chalcone)-5,5- diphenylcyclotri phosphazene Derivatives and Investigation of Their Anti-Cancer Activities**  
TEKİN S., TEKİN Ç., KORAN K., GÖRGÜLÜ A. O. , SANDAL S.  
JOINT MEETING OF THE FEDERATION OF EUROPEAN PHYSIOLOGICAL SOCIETIES AND THE AUSTRIAN PHYSIOLOGICAL SOCIETY WITH PARTICIPATION OF THE CZECH, FRENCH, ITALIAN, SLOVAK, SLOVENIAN, SWISS AND TURKISH PHYSIOLOGICAL SOCIETIES (FEPS 2017), 13 - 15 September 2017, vol.221, pp.162-209
- XIII. **EFFECTS OF INTRACEREBROVENTRICULAR FGF21 INFUSION ON THE ENERGY METABOLISM**  
YILMAZ Ü., TEKİN S., DEMİR M., ÇİĞREMİŞ Y., SANDAL S.  
FEPS 2017, 13 - 15 September 2017
- XIV. **Investigation of Anti cancer Propert of 2 2 4 4 Tetra 4 oxy substituted chalcone 6 6 diphenylcyclotriphosphazene Derivatives Against Human Ovarian A2780 Aand Prostate PC 3 Cancer Cell Lines**  
TEKİN Ç., KORAN K., TEKİN S., SANDAL S., GÖRGÜLÜ A. O.  
43. Ulusal Fizioloji Kongresi, 5 - 08 September 2016
- XV. **Is there Any Relationship Between Obesity and FGF21**  
YILMAZ Ü., TEKİN S., DEMİR M., SANDAL S.  
42. Ulusal Fizioloji Kongresi, 5 - 08 September 2016
- XVI. **Sıçanlarda okadaik asit ile oluşturulan kognitif bozulmayı TRPM2 antagonisti ACA düzeltir**  
Çakır M., DÜZOVA H., TEKİN S., ÇİĞREMİŞ Y.  
14. Ulusal Sinirbilim Kongresi, Turkey, 26 April 2017 - 29 May 2016
- XVII. **Investigation of the effects of irisin hormone on the hypothalamic control of feeding**  
TEKİN S., ERDEN Y., SANDAL S., ÇİĞREMİŞ Y., TEKEDERELİ İ., ÇOLAK C.  
41st National Physiology congress, 9 - 13 September 2015, vol.215, pp.15-31
- XVIII. **Prediction of apelin 13 concentration based on the levels of thyroid hormones in rats**  
ERDEN Y., TEKİN S., SANDAL S., ÇİĞREMİŞ Y., ÇOLAK C., Özyalın F.  
The Joint Meeting of the Federation of European Physiological Societies and the Baltic Physiological Societies in Kaunas, 26 - 29 August 2015, vol.215, pp.0-137
- XIX. **Sıçanlarda Böbrek İskemi/Reperfüzyon Hasarına Deksmetomidinin Etkisi**  
ÇAKIR M., POLAT A., VARDI N., TAŞLIDERE E., TEKİN S., YOLDAŞ Z. R. , TANBEK K.  
39. Ulusal Fizioloji Kongresi, Ankara, Turkey, 10 - 14 September 2013

## Supported Projects

ÖZDEMİR R., TEKİN S., TAŞLIDERE A., TURGUT H., GÖKCE İ. K. , Project Supported by Higher Education Institutions, Bronkopulmoner displazi modeli oluşturulan yenidoğan ratlarda Apocyninin antioksidan ve antiinflamatuvar etkisi, 2018 - 2020

SANDAL S., TEKİN S., GÖRGÜLÜ A. O. , TEKİN Ç., KORAN K., BEYTUR A., Project Supported by Higher Education Institutions, Hetero Halkalı Sübstitüe Organofosfazen Bileşiklerinin Sitotoksik ve Genotoksik özelliklerinin İncelenmesi, 2017 - 2020

TEKİN S., BEYTUR A., TEKİN Ç., BEYTUR A., SANDAL S., Project Supported by Higher Education Institutions, Deneysel Böbrek İskemi/Reperfüzyon Hasarında Saksagliptinin Etkilerinin Araştırılması, 2017 - 2019

SANDAL S., TEKİN S., BEYTUR A., Project Supported by Higher Education Institutions, 3rd International Congress of Turkish Neuroendocrinology Society, 2018 - 2018

TEKİN S., TUBITAK Project, Tıp Fakültesi Öğrencilerine Bilimsel Araştırma ve Proje Hazırlama Eğitimi, 2016 - 2016

TEKİN S., TUBITAK Project, Bazı Yenilebilir Bitkilerin Antiradikal Antibakteriyel ve Antikanser Özellikleri ile İçerdikleri Fitokimyasal Bileşiklerin Saptanması, 2015 - 2016

ÇOLAK C., TEKİN S., TUBITAK Project, Beslenmenin Hipotalamik Kontrolünde İrisin Hormonunun Etkilerinin Araştırılması, 2014 - 2015

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