

# Prof. İBRAHİM ŞAHİN

## Personal Information

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**Address:** Erzincan Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Tıbbi Biyoloji Anabilim Dalı 24100 ERZİNCAN

## International Researcher IDs

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Yoksis Researcher ID: 107116

## Education

Undergraduate, Firat University, Fen Edebiyat, Biyoloji, Turkey 1990 - 1994

## Foreign Languages

English, B1 Intermediate

## Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Histology and Embryology, Medical Biology, Nutrition and Dietetics

## Academic Positions

Associate Professor, Erzincan Binali Yildirim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2019 - Continues

Assistant Professor, Erzincan Binali Yildirim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2018 - 2019

## Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Erzincan Binali Yildirim University, Diş Hekimliği Fakültesi, 2023 - Continues

Fakülte Kurulu Üyesi, Erzincan Binali Yildirim University, Diş Hekimliği Fakültesi, 2023 - Continues

Fakülte Kurulu Üyesi, Erzincan Binali Yildirim University, Tıp Fakültesi, 2022 - Continues

Head of Department, Erzincan Binali Yildirim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2019 - Continues

Ethics Committee Member, Erzincan Üniversitesi, 2017 - 2020

Erzincan Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri, 2013 - 2017

Erzincan Üniversitesi, Sağlık Yüksekokulu, 2012 - 2013

Erzincan Üniversitesi, Sağlık Yüksekokulu, Beslenme Vedyetik, 2010 - 2013

Erzincan Üniversitesi, Sağlık Yüksekokulu, 2010 - 2013

## Courses

### Postgraduate

Methodology in Clinical Research, Postgraduate, 2022 - 2023

### Undergraduate

Tıbbi Biyoloji-Genetik, Undergraduate, 2021 - 2022, 2020 - 2021

## Jury Memberships

Doctorate, Doctorate, Erciyes Üniversitesi, October, 2022

Doctoral Examination, Doctoral Examination, Erciyes Üniversitesi, December, 2020

Doctorate, Doctorate, Atatürk Üniversitesi, January, 2017

## Journal articles indexed in SCI, SSCI, and AHCI

- I. **An overview of ELISA: a review and update on best laboratory practices for quantifying peptides and proteins in biological fluids**  
Aydin S., Emre E., Ugur K., AKMAN AYDIN E., Sahin İ., Cinar V., Akbulut T.  
Journal of International Medical Research, vol.53, no.2, 2025 (SCI-Expanded)
- II. **Some animal protein antigens identified in cells of two plant species**  
ŞAHİN İ., Eroksuz Y., Ugur K., Incili C. A., Eroksuz H., Aydin G. N., Ozpolat E., Bildirici F., Aydin S.  
Turkish Journal of Biochemistry, vol.49, no.5, pp.612-620, 2024 (SCI-Expanded)
- III. **Effects of irisin and exercise on adropin and betatrophin in a new metabolic syndrome model**  
Aydin S., Kilinc F., Ugur K., AYDIN M. F., Yalcin M. H., Kuloglu T., Kaya Tektemur N., Albayrak S., Emre E., Yardim M., et al.  
Biotechnic and Histochemistry, vol.99, no.1, pp.21-32, 2024 (SCI-Expanded)
- IV. **Betatrophin, elabela, asprosin, glucagon and subfatin peptides in breast tissue, blood and milk in gestational diabetes**  
Yavuz A., AYDIN M. F., Ugur K., Aydin S., Senol A., Baykus Y., Deniz R., Sahin İ., Yalcin M. H., Gencer B. T., et al.  
Biotechnic and Histochemistry, vol.98, no.4, pp.243-254, 2023 (SCI-Expanded)
- V. **Vitamin D supplementation alleviates diabetic complications by increasing the amount of irisin in testicular tissues and blood of rats with experimental diabetes**  
Yalcin M., Girgin A., Ugur K., Karagoz Z., Aydin S., Karabulut B., Timurkaan S., Tarakci B., Eroksuz H., Sahin İ., et al.  
European Review for Medical and Pharmacological Sciences, vol.27, no.2, pp.547-559, 2023 (SCI-Expanded)
- VI. **Subfatin, asprosin, alamandine and maresin-1 in cerebral ischemia, intracranial and subarachnoid hemorrhages**  
Albayrak S., AYDIN M. F., Ugur K., Hanbeyoglu O., Aydin S., Erol E., Kilinc A., Acar V., Sahin İ., Aydin S.  
European Review for Medical and Pharmacological Sciences, vol.27, no.10, pp.4471-4480, 2023 (SCI-Expanded)
- VII. **Use of asprosin and subfatin for differential diagnosis of serous ovarian tumors**  
Mirzaoglu M., Yavuzkir S., Mirzaoglu C., Yurt N., Dagli A. F., Ozcan Yildirim S., ŞAHİN İ., Aydin S.  
Biotechnic and Histochemistry, vol.98, no.2, pp.140-146, 2023 (SCI-Expanded)
- VIII. **Interleukin 18, soluble cluster of differentiation 40, platelet factor 4 variant 1, and neutrophil gelatinase-associated lipocalin can be used as biomarkers to aid activity and diagnosis in ocular Behçet's disease**  
Celik F., Coteli E., Gul F. C., Ozsoy E., Kobat S. G., Karagoz Z. K., Aydin S., Ugur K., Yardim M., ŞAHİN İ., et al.  
International Ophthalmology, vol.42, no.11, pp.3321-3331, 2022 (SCI-Expanded)
- IX. **Laboratory evidence on a direct correlation between acute central serous chorioretinopathy and tenascin C, metalloprotein 1, BAX, BCL2, subfatin and asprosin Preuves biologiques démontrant la corrélation directe entre la chorioretinopathie séreuse centrale aiguë et la ténascine C, la métalloprotéine 1, BAX, BCL2, la subfatine et l'asprosin**  
Celik F., Coteli E., Gul F., Ozsoy E., Kobat S. G., Akkoc R., Yardim M., ŞAHİN İ., Yalcin M., Aydin S.

Journal Francais d'Ophtalmologie, vol.45, no.3, pp.314-322, 2022 (SCI-Expanded)

- X. **Irisin, Angpt18, Elabela and antioxidants alteration in rats with and without energy drink and treadmill exercise**  
Pancar Z., Cinar V., Akbulut T., Kuloglu T., ŞAHİN İ., Aydın S.  
European Review for Medical and Pharmacological Sciences, vol.26, no.11, pp.4044-4053, 2022 (SCI-Expanded)
- XI. **Molecular communication between Apelin-13, Apelin-36, Elabela, and nitric oxide in gestational diabetes mellitus**  
Karagoz Z., Aydın S., Ugur K., Tigli A., Deniz R., Baykus Y., ŞAHİN İ., Yalcin M., Yavuz A., Aksoy A., et al.  
European Review for Medical and Pharmacological Sciences, vol.26, no.9, pp.3289-3300, 2022 (SCI-Expanded)
- XII. **Basal blood concentrations of some orexigenic and anorexigenic hormones in obese and nonobese individuals according to blood groups**  
Karagoz Z., Aydın S., Aksoy A., Kalayci M., Ugur K., Kuloglu T., Cinar V., Yardim M., AYDIN Y., Akbulut T., et al.  
European Review for Medical and Pharmacological Sciences, vol.26, no.8, pp.2818-2831, 2022 (SCI-Expanded)
- XIII. **Overview of COVID-19's relationship with thrombophilia proteins**  
Aydın S., Ugur K., Yalcin H., Sahin İ., Akkoc R. F., Yakar B., YÜCEL D., Aydın S.  
Turkish Journal of Biochemistry, vol.46, no.6, pp.609-622, 2021 (SCI-Expanded)
- XIV. **Can renalase be a novel candidate biomarker for distinguishing renal tumors?**  
Akkoc R. F., Aydın S., Goksu M., Ozcan Yildirim S., Eroksuz Y., Ogeturk M., Ugur K., Dagli A. F., Yakar B., Sahin I., et al.  
BIOTECHNIC & HISTOCHEMISTRY, vol.96, no.7, pp.520-525, 2021 (SCI-Expanded)
- XV. **ALTERED BLOOD AND AQUEOUS HUMOR LEVELS OF ASPROSIN, 4-HYDROXYNONENAL, AND 8-HYDROXY-DEOXYGUANOSINE IN PATIENTS WITH DIABETES MELLITUS AND CATARACT WITH AND WITHOUT DIABETIC RETINOPATHY**  
Oruc Y., Celik F., Ozgur G., Beyazyildiz E., UĞUR K., Yardim M., Sahin I., AKKOÇ R. F., AYDIN S.  
RETINA-THE JOURNAL OF RETINAL AND VITREOUS DISEASES, vol.40, no.12, pp.2410-2416, 2020 (SCI-Expanded)
- XVI. **Assessment of the frequency and biochemical parameters of conjunctivitis in COVID-19 and other viral and bacterial conditions**  
Oruc Y., Aydın S., Akkoç R. F., Aydın S., Gul F. C., Uğur K., Sahin I., Hanbeyoglu O., Kilic S. S., Aksoy A.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.45, no.4, pp.443-449, 2020 (SCI-Expanded)
- XVII. **Maternal and umbilical cord blood subfatin and spexin levels in patients with gestational diabetes mellitus**  
Yavuzkır S., UĞUR K., DENİZ R., Ustebay D. U., Mirzaoglu M., Yardim M., Sahin İ., BAYKUŞ Y., Karagoz Z. K., AYDIN S.  
Peptides, vol.126, 2020 (SCI-Expanded)
- XVIII. **Effects of iloprost and sildenafil treatment on elabela, apelin-13, nitric oxide, and total antioxidant and total oxidant status in experimental enzyme-positive acute coronary syndrome in rats**  
Aydın S., Kuloglu T., Aydın Y., Yalcin M. H., Ugur K., Albayrak S., Aksoy A., Sahin İ., Dagli A. F., Akkoc R. F., et al.  
Biotechnic and Histochemistry, vol.95, no.2, pp.145-151, 2020 (SCI-Expanded)
- XIX. **Intra-ovarian stem cell transplantation in management of premature ovarian insufficiency: towards the induced Oogonial Stem Cell (iOSC)**  
Celik O., Ak M., ŞAHİN E., ŞENTÜRK Ş., UĞUR K., Celik S., Celik N., Cengiz F., MÜDERRİS İ. İ., ÇAPAR M., et al.  
CELLULAR AND MOLECULAR BIOLOGY, vol.66, no.1, pp.114-121, 2020 (SCI-Expanded)
- XX. **INTERACTION OF APELIN, ELABELA AND NITRIC OXIDE IN SCHIZOPHRENIA PATIENTS**  
Catakl Z., Kaya H., Kocdemir E., UĞUR K., Guzel S. P., Yardim M., Sahin I., Agirbas E. P., AYDIN S.  
JOURNAL OF MEDICAL BIOCHEMISTRY, vol.39, no.2, pp.184-190, 2020 (SCI-Expanded)
- XXI. **Nppc/Npr2/cGMP Signaling Cascade Maintains Oocyte Developmental Capacity.**  
ÇELİK Ö., ÇELİK N., UĞUR K., HATIRNAZ S., ÇELİK S., MÜDERRİS İ. İ., YAVUZKIR Ş., ŞAHİN İ., YARDIM M., AYDIN S.  
Cellular And Molecular Biology, vol.65, no.4, pp.83-89, 2019 (SCI-Expanded)
- XXII. **Navigation problems of ICSI or naive blastocyst can be solved with artificial blastocyst.**  
CELİK O., ACET M., ARPACI H., DIKBAS L., IMREN A., DURAN B., CELİK N. K., CELİK S., UNLU C., Sahin I., et al.  
Reproductive biology and endocrinology : RB&E, vol.16, pp.7, 2018 (SCI-Expanded)
- XXIII. **Hepatoprotective properties for Salvia cryptantha extract on carbon tetrachloride-induced liver injury.**

- YALCIN A., YUMRUTAS O., KULOGLU T., ELIBOL E., PARLAR A., YILMAZ İ., PEHLIVAN M., DOGUKAN M., UCKARDES F., AYDIN H., et al.  
Cellular and molecular biology (Noisy-le-Grand, France), vol.63, pp.56-62, 2017 (SCI-Expanded)
- XXIV. **Cytological and cytomorphometric characteristics of buccal mucosa cells from smokeless tobacco users.**  
DAGLI A., SAHIN N., BOZDAG Z., UCER O., AKATLI A., ARTAS G., Sahin İ., YARDIM M., DALKILIC S., AKKOC R., et al.  
Diagnostic cytopathology, vol.45, pp.976-982, 2017 (SCI-Expanded)
- XXV. **Comparison of the therapeutic effects of sildenafil citrate, heparin and neuropeptides in a rat model of acetic acid-induced gastric ulcer.**  
KALAYCI M., KOCDOR M., KULOGLU T., Sahin İ., SARAC M., AKSOY A., YARDIM M., DALKILIC S., GURSU O., Aydin S., et al.  
Life sciences, vol.186, pp.102-110, 2017 (SCI-Expanded)
- XXVI. **Regulatory neuropeptides (ghrelin, obestatin and nesfatin-1) levels in serum and reproductive tissues of female and male rats with fructose-induced metabolic syndrome**  
Catak Z., Aydin S., ŞAHİN İ., Kuloğlu T., Aksoy A., Dağlı A. F.  
NEUROPEPTIDES, vol.48, no.3, pp.167-177, 2014 (SCI-Expanded)
- XXVII. **Irisin: A potentially candidate marker for myocardial infarction**  
Kuloglu T., AYDIN S., Eren M. N., Yilmaz M., Sahin I., Kalayci M., Sarman E., Kaya N., Yilmaz O. F., Turk A., et al.  
PEPTIDES, vol.55, pp.85-91, 2014 (SCI-Expanded)
- XXVIII. **Cardiac, skeletal muscle and serum irisin responses to with or without water exercise in young and old male rats: Cardiac muscle produces more irisin than skeletal muscle**  
AYDIN S., Kuloglu T., Aydin S., Eren M. N., Celik A., Yilmaz M., Kalayci M., Sahin I., GUNGOR O., Gurel A., et al.  
PEPTIDES, vol.52, pp.68-73, 2014 (SCI-Expanded)
- XXIX. **The role of apelins in the physiology of the heart**  
Aydin S., AYDIN S., Eren M. N., ŞAHİN İ.  
Protein and Peptide Letters, vol.21, no.1, pp.2-9, 2014 (SCI-Expanded)
- XXX. **Alterations of irisin concentrations in saliva and serum of obese and normal-weight subjects, before and after 45 min of a Turkish bath or running**  
Aydin S., AYDIN S., Kuloglu T., Yilmaz M., Kalayci M., Sahin I., Cicek D.  
PEPTIDES, vol.50, pp.13-18, 2013 (SCI-Expanded)
- XXXI. **Concentrations of preptin, salusins and hepcidins in plasma and milk of lactating women with or without gestational diabetes mellitus**  
Aydin S., CELIK O., Gurates B., Sahin I., Ulas M., Yilmaz M., Kalayci M., Kuloglu T., CATAK Z., Aksoy A., et al.  
PEPTIDES, vol.49, pp.123-130, 2013 (SCI-Expanded)
- XXXII. **Expression of adropin in rat brain, cerebellum, kidneys, heart, liver, and pancreas in streptozotocin-induced diabetes**  
AYDIN S., Kuloglu T., Aydin S., Eren M. N., Yilmaz M., Kalayci M., Sahin I., Kocaman N., Citil C., Kendir Y.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.380, pp.73-81, 2013 (SCI-Expanded)
- XXXIII. **Ghrelins, obestatin, nesfatin-1 and leptin levels in pregnant women with and without hyperemesis gravidarum**  
Gungor S., Gurates B., Aydin S., Sahin I., Kavak S. B., Kumru S., Celik H., Aksoy A., Yilmaz M., Catak Z., et al.  
CLINICAL BIOCHEMISTRY, vol.46, no.9, pp.828-830, 2013 (SCI-Expanded)
- XXXIV. **Serum concentration and kidney expression of salusin-alpha and salusin-beta in rats with metabolic syndrome induced by fructose**  
ŞAHİN İ., Aydin S.  
BIOTECHNIC & HISTOCHEMISTRY, vol.88, pp.153-160, 2013 (SCI-Expanded)
- XXXV. **The cardiovascular system and the biochemistry of grafts used in heart surgery**  
AYDIN S., Aydin S., Eren M. N., Sahin I., Yilmaz M., Kalayci M., GUNGOR O.  
SPRINGERPLUS, vol.2, 2013 (SCI-Expanded)
- XXXVI. **Acylated and Desacylated Ghrelin, Preptin, Leptin, and Nesfatin-1 Peptide Changes Related to the Body Mass Index**

- Ozkan Y., Timurkan E. S., Aydin S., Sahin I., Timurkan M., Citil C., Kalayci M., Yilmaz M., Aksoy A., Catak Z.  
INTERNATIONAL JOURNAL OF ENDOCRINOLOGY, 2013 (SCI-Expanded)
- XXXVII. **Nesfatin-1 and other hormone alterations in polycystic ovary syndrome**  
Deniz R., Gurates B., Aydin S., Celik H., ŞAHİN İ., Baykus Y., Catak Z., Aksoy A., Citil C., Gungor S.  
ENDOCRINE, vol.42, no.3, pp.694-699, 2012 (SCI-Expanded)
- XXXVIII. **The effects of fever on hormone ghrelins, immunoglobulins, and heat shock protein 70 expression after swine flu vaccinations**  
Aydin S., GUVEN T., Sahin I., Aksoy A., Kendir Y., Ilhan M. N., Citil C., Catak Z., USTUN C.  
ENDOCRINE, vol.42, no.2, pp.352-358, 2012 (SCI-Expanded)
- XXXIX. **THE PAST AND PRESENT OF PARAOXONASE ENZYME: ITS ROLE IN THE CARDIOVASCULAR SYSTEM AND SOME DISEASES**  
Aydin S., Sahin I., Aydin S., Aksoy A., Citil C.  
JOURNAL OF MEDICAL BIOCHEMISTRY, vol.31, no.3, pp.161-173, 2012 (SCI-Expanded)
- XL. **Examination of the tissue ghrelin expression of rats with diet-induced obesity using radioimmunoassay and immunohistochemical methods**  
Aydin S., Sahin I., Ozkan Y., Dag E., Gunay A., Guzel S. P., Catak Z., Ozercan M. R.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.365, pp.165-173, 2012 (SCI-Expanded)
- XLI. **Changes in serum obestatin, preptin and ghrelins in patients with Gestational Diabetes Mellitus.**  
BAYKUS Y., GURATES B., AYDIN S., CELIK H., KAVAK B., AKSOY A., Sahin I., DENIZ R., GUNGOR S., GUZEL S., et al.  
Clinical biochemistry, vol.45, pp.198-202, 2012 (SCI-Expanded)
- XLII. **Diet-induced obesity suppresses ghrelin in rat gastrointestinal tract and serum**  
Sahin I., Aydin S., Ozkan Y., Dagli A. F., AKIN K. O., Guzel S. P., Catak Z., Ozercan M. R.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.355, pp.299-308, 2011 (SCI-Expanded)
- XLIII. **To what extent is it right to measure serum vaspin, obestatin, and apelin-36 levels without a protease inhibitor in nonalcoholic fatty liver disease?**  
Aydin S., ŞAHİN İ., Demirel U., Aksoy A.  
Metabolism: Clinical and Experimental, vol.60, no.7, 2011 (SCI-Expanded)
- XLIV. **Immunohistochemical and quantitative analysis of ghrelin in Syzygium aromaticum**  
Aydin S., Dagli A. F., Ozkan Y., Kendir Y., ŞAHİN İ., Aksoy A., Ozercan I. H.  
CELL BIOLOGY INTERNATIONAL, vol.35, no.5, pp.437-441, 2011 (SCI-Expanded)
- XLV. **Ghrelin expression of endometrium hyperplasia and endometrioid carcinoma**  
Dagli A. F., Aydin S., Kocdor H., Gurates B., Sahin I., Catak Z., Ozercan M. R., Ozercan I. H.  
GYNECOLOGICAL ENDOCRINOLOGY, vol.27, no.3, pp.199-204, 2011 (SCI-Expanded)
- XLVI. **Ghrelin and obestatin expression in oral squamous cell carcinoma: an immunohistochemical and biochemical study**  
Alnema M. M., Aydin S., Ozkan Y., Dagli A. F., Ozercan H. I., YILDIRIM N., Sahin I., Karaoglu A., Kilic N., Yilmaz M., et al.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.339, pp.173-179, 2010 (SCI-Expanded)
- XLVII. **GHRELIN, NITRITE AND PARAOXONASE/ARYLESTERASE CONCENTRATIONS IN CEMENT PLANT WORKERS**  
Aydin S., Aydin S., Croteau G. A., ŞAHİN İ., Citil C.  
JOURNAL OF MEDICAL BIOCHEMISTRY, vol.29, no.2, pp.78-83, 2010 (SCI-Expanded)
- XLVIII. **Effect of orlistat on the total ghrelin and leptin levels in obese patients**  
Ozkan Y., Aydin S., Donder E., Koca S. S., Aydin S., Ozkan B., Sahin I.  
JOURNAL OF PHYSIOLOGY AND BIOCHEMISTRY, vol.65, no.3, pp.215-223, 2009 (SCI-Expanded)
- XLIX. **Nesfatin-1 and ghrelin levels in serum and saliva of epileptic patients: hormonal changes can have a major effect on seizure disorders**  
Aydin S., DAĞ E., Ozkan Y., Erman F., Dagli A. F., Kilic N., Sahin I., Karatas F., YOLDAŞ T., Barim A. O., et al.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.328, pp.49-56, 2009 (SCI-Expanded)
- L. **Ghrelin, paraoxonase and arylesterase levels in depressive patients before and after citalopram treatment**  
Barim A. O., Aydin S., Colak R., DAĞ E., DENİZ O., Sahin I.

CLINICAL BIOCHEMISTRY, vol.42, pp.1076-1081, 2009 (SCI-Expanded)

- LI. **Changes of ghrelin and brain natriuretic peptide levels in systemic vascular resistance after cardiopulmonary bypass**  
Rahman A., Aydin S., Bayar M. K., Sahin I.  
JOURNAL OF PHYSIOLOGY AND BIOCHEMISTRY, vol.64, no.3, pp.221-230, 2008 (SCI-Expanded)
- LII. **Presence of obestatin in breast milk: Relationship among obestatin, ghrelin, and leptin in lactating women**  
Aydin S., Ozkan Y., Erman F., Gurates B., Kilic N., Colak R., Gundogan T., Catak Z., Bozkurt M., AKIN O., et al.  
NUTRITION, vol.24, pp.689-693, 2008 (SCI-Expanded)
- LIII. **Serum leptin and ghrelin concentrations of maternal serum, arterial and venous cord blood in healthy and preeclamptic pregnant women**  
Aydin S., Guzel S. P., Kumru S., AYDIN S., AKIN O., Kavak E., Sahin I., Bozkurt M., Halifeoglu I.  
JOURNAL OF PHYSIOLOGY AND BIOCHEMISTRY, vol.64, no.1, pp.51-59, 2008 (SCI-Expanded)
- LIV. **Obestatin is present in saliva: alterations in obestatin and ghrelin levels of saliva and serum in ischemic heart disease**  
ÖZBAY Y., AYDIN S., DAĞLI A. F., AKBULUT M., Agli N. L., KILIÇ N., RAHMAN A., ŞAHİN İ., POLAT V., ÖZERCAN H. İ., et al.  
BMB REPORTS, vol.41, no.1, pp.55-61, 2008 (SCI-Expanded)
- LV. **Milk and blood ghrelin level in diabetics**  
AYDIN S., GEÇKİL H., KARATAŞ F., DÖNDER E., KUMRU S., Kavak E. C., ÇOLAK R., ÖZKAN Y., Sahin I.  
NUTRITION, vol.23, pp.807-811, 2007 (SCI-Expanded)
- LVI. **Ghrelin is present in teeth**  
AYDIN S., ÖZERCAN I. H., GEÇKİL H., DAĞLI F., AYDIN S., KUMRU S., KILIÇ N., Sahin I., ÖZERCAN M. R.  
JOURNAL OF BIOCHEMISTRY AND MOLECULAR BIOLOGY, vol.40, no.3, pp.368-372, 2007 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Alarin Level Response to an Oral Glucose Tolerance Test in Subjects with Gestational Diabetes Mellitus**  
DENİZ R., BAYKUS Y., UĞUR K., ÜSTEBAY S., ŞAHİN İ., AYDIN S.  
Journal of Gynecology & Reproductive Medicine, vol.4, no.2, pp.37-40, 2020 (Peer-Reviewed Journal)
- II. **NUCB2/Nesfatin-1 in the Blood and Follicular Fluid in Patients with Polycystic Ovary Syndrome and Poor Ovarian Response**  
CATAK Z., YAVUZKIR Ş., KOCDEMİR E., UĞUR K., YARDIM M., ŞAHİN İ., AĞIRBAS E. P., AYDIN S.  
Journal of Reproduction Infertility, vol.20, no.4, pp.225-230, 2019 (Scopus)
- III. **Anxiety and Depression in Diabetic Patients According to the Hospital Anxiety and Depression Scale (HADS) Scoring**  
UĞUR K., OZKAN G., KARATAS A., OZ B., OZERCAN A. M., ŞAHİN İ., AYDIN S., ULAS M.  
Journal of Clinical and Molecular Endocrinology, vol.4, no.1, 2019 (Peer-Reviewed Journal)
- IV. **Diabetic Animal Modeling and Role of Gamma Knife and Cautey**  
AYDIN S., ŞAHİN İ., AYDIN S., UĞUR K., YARDIM M.  
Journal of Clinical and Molecular Endocrinology, vol.4, no.1, pp.114, 2019 (Peer-Reviewed Journal)
- V. **Can Renalase Enzyme Play a Role in Resolving the Problem of Erectile Dysfunction?**  
AYDIN S., ŞAHİN İ.  
Journal of Clinical and Molecular Endocrinology, 2018 (Peer-Reviewed Journal)

## Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Hepatoprotective activity of *S. cryptantha* against carbon tetrachloride-induced liver damage in rats**

YALCIN A., YUMRUTAS O., KULOGLU T., ELİBOL E., PARLAR A., YILMAZ İ., PEHLİVAN M., DOGUKAN M., UCKARDES F., AYDIN H., et al.

2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017, (Summary Text)

- II. **Tiroid Karsinoma Onkositik Varyantlarının Ayrımında Hormon Elabela Yeni Bir Aday**  
ARTAS G., KULOGLU T., YARDIM M., ŞAHİN İ., DAGLI A. F., AYDIN Y., AGIRBAS E., AYDIN S.  
Uluslararası Katılımlı 28. Ulusal Biyokimya Kongresi, 19 - 23 September 2017, (Full Text)
- III. **Renal Hücreli Karsinom Ayırımında İrisin Yeni Bir Biyobelirteç Olabilir mi?**  
KULOGLU T., ARTAS G., YARDIM M., ŞAHİN İ., AYDIN Y., BEYOGLU N., ÖZERCAN İ. H., AYDIN S.  
Uluslararası Katılımlı 28. Ulusal Biyokimya Kongresi, 19 - 23 September 2017, (Full Text)
- IV. **Tiroid onkositik varyant karsinomların ayırımında aday bir biyomarker: İrisin**  
AYDIN S., KULOGLU T., ARTAS G., KOCDOR M. A., ŞAHİN İ., YARDIM M.  
Uluslararası Katılımlı II. Türkiye in vitro Diyagnostik-BİYOBELİRTEÇLER Sempozyumu, Turkey, 10 - 12 May 2017,  
(Summary Text)
- V. **Diyet ile indüklenmiş obez rat modelinde obez kardiyomiyopatisinde ghrelin ekspresyonu**  
DAĞLI N., ŞAHİN İ., AYDIN S., DAĞLI A. F., KARACA I., ÖZERCAN R.  
XXIV. ULUSAL KARDİYOLOJİ KONGRESİ, İstanbul, Turkey, 24 - 27 October 2008, vol.36, pp.80, (Summary Text)

## Memberships and Roles in Scientific Organizations

TIP EĞİTİMİNİ GELİŞTİRME DERNEĞİ, Member, 2018 - Continues

KLİNİK ARAŞTIRMALAR DERNEĞİ, Member, 2018 - Continues

TÜRK STEREOLOJİ DERNEĞİ, Member, 2015 - Continues

SOCIETY FOR HISTOCHEMISTRY, Member, 2015 - Continues

TÜRK BİYOKİMYA DERNEĞİ, Member, 2008 - Continues

## Peer Reviews in Scientific Publications

International Journal of Clinical Medicine, Other Indexed Journal, January 2017

International Journal of Clinical Medicine, Other Indexed Journal, January 2017

Cellular and Molecular Biology, Other Indexed Journal, November 2016

Kafkas Journal of Medical Sciences, Other Indexed Journal, May 2016

Cellular and Molecular Biology, Other Indexed Journal, May 2016

International Journal of Clinical Medicine, Other Indexed Journal, April 2016

Cardiovascular Therapeutics, SCI Journal, March 2015

Molecular and Cellular Biochemistry, SCI Journal, September 2010

Saudi Medical Journal , SCI Journal, August 2010

## Scientific Project Refereeing

Project Supported by Higher Education Institutions, February 2016

Project Supported by Higher Education Institutions, February 2016

Project Supported by Higher Education Institutions, November 2013

Project Supported by Higher Education Institutions, March 2013

Project Supported by Higher Education Institutions, June 2012

Project Supported by Higher Education Institutions, July 2011

Project Supported by Higher Education Institutions, December 2010

Project Supported by Higher Education Institutions, December 2010

## **Metrics**

Publication: 67

Citation (WoS): 783

Citation (Scopus): 824

H-Index (WoS): 16

H-Index (Scopus): 16

## **Congress and Symposium Activities**

5th International congress on nutrition and cancer, Attendee, Elaziğ, Turkey, 2012

XXVth International workshop of the Helicobacter Study Group, Attendee, Ljubljana, Slovenia, 2012

5th International congress on nutrition and cancer, Attendee, Turkey, 2012

XXII. ulusal biyokimya kongresi, Attendee, Eskişehir, Turkey, 2010

XX. ulusal biyokimya kongresi, Attendee, Nevşehir, Turkey, 2008

XX. ulusal biyokimya kongresi, Attendee, Nevşehir, Turkey, 2008

XXIV. ulusal kardiyoloji kongresi, Attendee, İstanbul, Turkey, 2008