

## Lect. PhD EYLÜL AKBAL

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### Dissertations

Doctorate, TLR4 Agonistinin M1, M2 Makrofaj Polarizasyonundaki Rolünün Belirlenerek Hepatoselüler Karsinomadaki İmmünoterapik Etkilerinin Araştırılması, Cukurova University, 2023

Postgraduate, Sıçanlarda prolaktin ile infertilite arasındaki ilişkinin, hipotalamus hücrelerindeki kiss1, kiss1 reseptör, nörokinin, nörokinin reseptör genleri ekspresyon düzeylerinin real time PCR, Cukurova University, 2017

### Research Areas

Medicine, Health Sciences

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

- I. **Modifications of the locomotor system in habitually quadrupedal humans**  
Tardieu C., Demirhan O., Akbal E., Ozgozen L., Biçer Ö. S., Delapre A., Cornette R., Herrel A.  
JOURNAL OF ANATOMY, vol.241, no.3, pp.765-775, 2022 (SCI-Expanded)
- II. **Calcium hypochlorite on mouse embryonic fibroblast cells (NIH3T3) in vitro cytotoxicity and genotoxicity: MTT and comet assay.**  
Yilmaz Ş., Yoldas O., Dumani A., Guler G., Ilgaz S., Akbal E., Oksuz H., Celik A., Yilmaz B.  
Molecular biology reports, vol.47, no.7, pp.5377-5383, 2020 (SCI-Expanded)
- III. **The Role of Rat Hypothalamus Kisspeptin, Neurokinin and their respective Receptors in the Prolactin-Infertility Interaction**  
Isik E., USLU İ. N., AY G., Cetinel N., CÖMERTPAY G., Oksuz H., Barc D., Akillioglu K., TOPALOĞLU A. K., YILMAZ M. B.  
HORMONE RESEARCH IN PAEDIATRICS, vol.91, pp.185, 2019 (SCI-Expanded)
- IV. **MULTIPLE GNAS1, FGF23, FGFR3 GENES' STRIKING MUTATIONS IN CKD PATIENTS WITH SH. NEW BONE DISPLASIA-HEREDITARY OSTEODISTROPHY AND UGLIFYING HUMAN FACE APPEARANCES. SAGLIKER SYNDROME**  
SAGLIKER Y., DEMİRHAN O., Arslan A., SAGLIKER H. S., AKBAL E., Ergun S., Bayraktar R., Gunesacar R., OZKAYNAK P. S., PAYLAR N.  
NEPHROLOGY DIALYSIS TRANSPLANTATION, vol.32, 2017 (SCI-Expanded)
- V. **Gene Mutations in Chronic Kidney Disease Patients With Secondary Hyperparathyroidism and Sagliker Syndrome**  
DEMİRHAN O., Arslan A., Sagliker Y., Akbal E., Ergun S., Bayraktar R., Sagliker H. S., Dogan E., Gunesacar R.,

Ozkaynak P. S.

JOURNAL OF RENAL NUTRITION, vol.25, no.2, pp.176-186, 2015 (SCI-Expanded)

- VI. **Estrogen receptor alpha (Esr1) regulates aromatase (Cyp19a1) expression in the mouse brain**  
Yilmaz M. B., Zhao H., Brooks D. C., Fenkci I. V., Imir-Yenicesu G., Attar E., Akbal E., Kaynak B. A., Bulun S. E.  
NEUROENDOCRINOLOGY LETTERS, vol.36, no.2, pp.178-182, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Investigation of the relationship between prolactin and infertility by expression levels of kisspeptin (KISS1), KISS1 receptor, neurokinin (NK), NK receptor genes**  
AKBAL E., YILMAZ M. B.  
THE EUROPEAN RESEARCH JOURNAL, 2024 (Peer-Reviewed Journal)
- II. **Differential Regulation of Diabetes-Induced Rat Aorta ATP-Sensitive Potassium Channels, Kir 6.1 And Kir 6.2, by Pulsed Magnetic Field Therapy**  
Yilmaz M., Öcal I., Akbal E., Mert T., Tufan T., Cömertpay G., ILGAZ N. S., Turgut Ö., Uslu N.  
CUKUROVA MEDICAL JOURNAL, vol.38, no.1, pp.15-21, 2013 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **EVALUATION OF THE RELATIONSHIP BETWEEN ANGIOPOIETIN-2 LEVELS AND SURVIVAL IN HEPATOCELLULAR CARCINOMA PATIENTS**  
AKBAL E., BALLI H. T.  
7TH INTERNATIONAL ACHARAKA CONGRESS ON MEDICINE, NURSING, MIDWIFERY, AND HEALTH SCIENCES, Turkey, 20 - 22 June 2024
- II. **736 Molecular classification and clinical significance in recurrent endometrial adenocarcinomas**  
KÜÇÜKGÖZ GÜLEÇ Ü., PAYDAŞ S., KILIÇ BAĞIR E., AKBAL E., KÜÇÜKBİNGÖZ E., KHATİB G., GÜZEL A. B., VARDAR M. A.  
International Journal of Gynecologic Cancer, 10 March 2024
- III. **STRIKING NOVEL MULTI- MISMUTATIONS ON GNAS1, FGF23 AND FGFR3 GENES IN CKD WITH SECONDARY HYPERPARATHYROIDISM(SH) . SAGLIKER SYNDROME(SS) . SS IS A COMBINATION - COMPULSION OF BONE DISPLASIAS-HEREDITARY OSTEODYSTROPHIES AND SH AND CKD**  
SAGLIKER Y., DEMİRHAN O., Arslan A., AKBAL E., Ergun S., Bayraktar R., SAGLIKER H. S., Gunesacar R., OZKAYNAK S. P., PAYLAR N., et al.  
56th Congress of the European-Renal-Association (ERA)-European-Dialysis-and-Transplant-Association (EDTA) - Burden, Access and Disparities in Kidney Disease, Budapest, Hungary, 13 - 16 June 2019, vol.34, pp.199-201
- IV. **MULTIPLE GNAS1, FGF23, FGFR3 GENES' STRIKING MUTATIONS IN CKD PATIENTS WITH SH. NEW BONE DISPLASIA-HEREDITARY OSTEODISTROPHY AND UGLIFYING HUMAN FACE APPEARANCES. SAGLIKER SYNDROME(SS)**  
SAGLIKER Y., DEMİRHAN O., Arslan A., SAGLIKER H. S., Bayraktar R., Dogan E., OZKAYNAK P. S., PAYLAR N., Akbal E., Akbal E., et al.  
55th Congress of the European-Renal-Association (ERA) and European-Dialysis-and-Transplantation-Association (EDTA), Copenhagen, Denmark, 24 - 27 May 2018, vol.33
- V. **MULTIPLE GENE MUTATIONS IN GNAS1, FGF23 AND FGFR3 GENES IN CKD PATIENTS WITH SH SAGLIKER SYNDROME**  
DEMİRHAN O., Arslan A., SAGLIKER Y., AKBAL E., Ergun S., Bayraktar R., Sagliker H. S., Dogan E., Gunesacar R., Ozkaynak P. S., et al.  
53rd ERA-EDTA Congress, Vienna, Austria, 21 - 24 May 2016, vol.31, pp.1468
- VI. **NOVEL STRIKING MISMUTATIONS ON GNAS1, FGF23 AND FGFR3 GENES IN CKD WITH SECONDARY HYPERPARATHYROIDISM (SH) AND SAGLIKER SYNDROME (SS). SS IS ACOMBINATION-COMPULSION**

## **OF BONE DISPLASIAS-HEREDITARY OSTEODYSTROPHIES AND CKD**

DEMİRHAN O., Arslan A., SAGLIKER Y., AKBAL E., Ergun S., Bayraktar R., Sagliker H. S., Dogan E., Gunesacar R., Ozkaynak P. S., et al.

52nd Congress of the European-Renal-Association-European-Dialysis-and-Transplant-Association, London, Canada, 28 - 31 May 2015, vol.30

### **VII. WHOLE 13 EXONS OF GNAS1 GENE IN SAGLIKER SYNDROME(SS). COMBINATION-COMPULSION OF BONE DYSPLASIAS-HEREDITARY OSTEODISTROPHIES(BD), CHRONIC KIDNEY DISEASES (CKD) AND SECONDARY HYPERPARATHYROIDISM(SH)**

DEMİRHAN O., SAGLIKER Y., AKBAL E., PAYLAR N., Sagliker H. S., Ozkaynak P. S., YILDIZ İ., INANDIKLIOGLU N., TUNC E., BALAL M., et al.

52nd Congress of the European-Renal-Association-European-Dialysis-and-Transplant-Association, London, Canada, 28 - 31 May 2015, vol.30

### **VIII. THE WHOLE 13 EXONS OF GNAS1 GENE AND THE GENES FOR HEREDITARY OSTEODISTROPHIAS(HO) IN SAGLIKER SYNDROME(SS). COMBINATION-COMPULSION OF HEREDITARY OSTEODISTROPHIAS AND CHRONIC KIDNEY DISEASES (CKD) ?**

SAGLIKER Y., DEMİRHAN O., YILDIZ İ., PAYLAR N., INANDIKLIOGLU N., AKBAL E., TUNC E.

51st Congress of the European-Renal-Association(ERA)/European-Dialysis-and-Transplant-Association (EDTA), Amsterdam, Netherlands, 31 May - 03 June 2014, vol.29, pp.381

## **Metrics**

Publication: 16

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