Res. Asst. GAMZE CÖMERTPAY

Personal Information

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Education Information

Doctorate, Cukurova University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji Abd, Turkey 2014 - Continues
Postgraduate, Cukurova University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji Abd, Turkey 2010 - 2013
Undergraduate, Cukurova University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey 2005 - 2010

Foreign Languages

German, B1 Intermediate
English, B2 Upper Intermediate

Dissertations

Postgraduate, İNSAN AMNİYOTİK HÜCRE KÜLTÜRÜNDE NİKOTİN VE RESVERATROLÜN SOX2 VE SOX4 GENLERİNİN EKSPRESYON DÜZEYLERİ ÜZERİNE ETKİSİNİN REAL TİME PCR YÖNTEMİ İLE İNCELENMESİ , Cukurova University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji Abd, 2013

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medical Biology

Academic Titles / Tasks

Research Assistant, Cukurova University, Temel Tıp Bilimleri, Tıbbi Biyoloji, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **ISL2 is a putative tumor suppressor whose epigenetic silencing reprograms the metabolism of pancreatic cancer**
Ozturk H., Cingoz H., Tufan T., Yang J., Adair S. J., Tummala K. S., Kuscu C., Kinali M., CÖMERTPAY G., Nagdas S., et al.
DEVELOPMENTAL CELL, vol.57, no.11, pp.1331-1356, 2022 (SCI-Expanded)

II. **The Role of Rat Hypothalamus Kisspeptin, Neurokinin and their respective Receptors in the Prolactin-Infertility Interaction**
Isik E. A., 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)

III. **ATP sensitive K+ channel subunits (Kir6.1, Kir6.2) are the candidate mediators regulating**

ameliorating effects of pulsed magnetic field on aortic contractility in diabetic rats
ÖCAL I., YILMAZ M., Kocaturk-Sel S., Tufan T., Erkoc M. A., CÖMERTPAY G., Oksuz H., Barc E. D.
BIOELECTROMAGNETICS, vol.39, no.4, pp.299-311, 2018 (SCI-Expanded)

IV. **Population structure of rice varieties used in Turkish rice breeding programs determined using simple-sequence repeat and inter-primer binding site-retrotransposon data**
COMERTPAY G., Baloch F. S., DERYA M., Andeden E. E., ALSALEH A., SUREK H., ÖZKAN H.
GENETICS AND MOLECULAR RESEARCH, vol.15, no.1, 2016 (SCI-Expanded)

V. **REPORT OF A NEW CASE WITH PENTASOMY X AND NOVEL CLINICAL FINDINGS**
DEMİRHAN O., TANRIVERDİ N., YILMAZ M., Kocaturk-Sel S., INANDIKLIOGLU N., Luleyap U., AKBAL E., cömertpay G., tufan t., DUR ö.
BALKAN JOURNAL OF MEDICAL GENETICS, vol.18, no.1, pp.85-92, 2015 (SCI-Expanded)

VI. **Development of end-stage renal disease at a young age in two cases with Joubert syndrome**
Soenmez F., Guezuenler-Sen M., YILMAZ D., CÖMERTPAY G., Heise M., Cirak S., Uyanik G.
TURKISH JOURNAL OF PEDIATRICS, vol.56, no.4, pp.458-461, 2014 (SCI-Expanded)

VII. **Clinical, Radiological, and Genetic Survey of Patients With Muscle-Eye-Brain Disease Caused by Mutations in POMGNT1**
YİŞ U., Uyanik G., Rosendahl D. M., Carman K. B., BAYRAM E., Heise M., CÖMERTPAY G., Kurul S. H.
PEDIATRIC NEUROLOGY, vol.50, no.5, pp.491-497, 2014 (SCI-Expanded)

Articles Published in Other Journals

I. **Role of endoplasmic reticulum stress response in tumorogenesis**
Evyapan G., AY G., CÖMERTPAY G., LÜLEYAP H. Ü.
CUKUROVA MEDICAL JOURNAL, vol.44, no.1, pp.241-248, 2019 (ESCI)

II. **Investigation of the effects of nicotine and resveratrol on expression levels of Sox2 and Sox4 genes in human amniotic cell culture by real time PCR**
CÖMERTPAY G., Luleyap U., YILMAZ M. B., Tufan T., PAZARCI P.
CUKUROVA MEDICAL JOURNAL, vol.43, no.1, pp.7-12, 2018 (ESCI)

III. **The analysis of the phenylalanine hydroxylase gene mutations by sequencing and ARMS techniques in Turkish patients**
Luleyap U., PAZARCI P., CÖMERTPAY G., Onenli H. N., PAZARBAŞI A., ALPTEKİN D., KASAP H., FROSTER U.
CUKUROVA MEDICAL JOURNAL, vol.41, no.4, pp.702-708, 2016 (ESCI)

IV. **Association between pediatric autoimmune neuropsychiatric disorders associated with streptococcal infections disease and tumor necrosis factor-? gene-308 g/a, -850 c/t polymorphisms in 4-12-year-old children in Adana/Turkey**
Luleyap U., Onatoglu D., Yılmaz M., Alptekin D., Tahiroglu A., Çetiner S., PAZARBAŞI A., Unal I., Avcı A., Comertpay G.
Indian Journal of Human Genetics, vol.19, no.2, pp.196-201, 2013 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Results of karyotype analysis of 8475 pregnancies in prenataly identified cases with amniocentesis from south of Turkey**
PAZARBAŞI A., ALPTEKİN D., ILGAZ N. S., USLU İ. N., CÖMERTPAY G., AY G., KOCATÜRK SEL S., Çetinel N., Akbal Işık E., Evyapan G.
16. Tıbbi Biyoloji ve Genetik Kongresi (Uluslararası Katılımlı), Muğla Bodrum, Turkey, 27 - 30 October 2019, pp.146

II. **Result of karyotype analysis of 8475 pregnancies in prenataly identified cases with amniosentesis from south of Turkey.**
PAZARBAŞI A., ALPTEKİN D., ILGAZ N. S., USLU İ. N., CÖMERTPAY G., AY G., KOCATÜRK SEL S., ÇETİNEL N., AKBAL

E., EVYAPAN G.
16. Tıbbi Biyoloji ve Genetik Kongresi (Uluslararası Katılımlı), Turkey, 27 - 30 October 2019

III. **Nicotine and resveratrol alter sox2 and sox4 genes expression levels in human amniotic cell culture**
CÖMERTPAY G., LÜLEYAP H. Ü., YILMAZ M. B., PAZARCI P.
European human genetics Conferenece, 15 - 18 June 2019

IV. **Chromosomal Abnormalities identified at prenatal diagnosis**
PAZARBAŞI A., DEMİRHAN O., LÜLEYAP H. Ü., ÖZPAK L., ILGAZ N. S., USLU İ. N., CÖMERTPAY G., AY G., KOCATÜRK SEL S., TANRIVERDİ N., et al.
Innovation in Medicine Meeting 4, Gaziantep, Turkey, 11 - 13 October 2018, pp.60-69

V. **Bisphenol a triggers ER stress mediated autophagy in SH-SY5Y cell line.**
LÜLEYAP H. Ü., YOLDAŞ A., CÖMERTPAY G., AY G., EVYAPAN G., PAZARBAŞI A., ALPTEKİN D.
European Human Genetics Conference, Milan, Italy, 16 - 19 June 2018, vol.9028

VI. **Low Dose Dexmethasone Decrease the Level of ATG5 in SH SY5Y cell line**
ALPTEKİN D., LÜLEYAP H. Ü., YOLDAŞ A., CÖMERTPAY G., PAZARCI P., AY G., EVYAPAN G., PAZARBAŞI A.
European Human Genetics Conference 2018, Milano, Italy, 16 - 19 June 2018

VII. **Low Dose Dexmethasone Decrease the Level of ATG5 in SH SY5Y cell line**
ALPTEKİN D., LÜLEYAP H. Ü., YOLDAŞ A., CÖMERTPAY G., PAZARCI P., AY G., EVYAPAN G., PAZARBAŞI A.
European Human Genetics Conference 2018, Milano, Italy, 16 - 19 June 2018

VIII. **Low Dose Dexmethasone Decrease the Level of ATG5 in SH SY5Y cell line**
ALPTEKİN D., LÜLEYAP H. Ü., YOLDAŞ A., CÖMERTPAY G., PAZARCI P., AY G., EVYAPAN G., PAZARBAŞI A.
European Human Genetics Conference 2018, Milano, Italy, 16 - 19 June 2018, vol.27, pp.279

IX. **Amniyosentez iile prenatal tanı konulan 7821 olguda kromozom analizi sonuçları**
PAZARBAŞI A., DEMİRHAN O., LÜLEYAP H. Ü., ÖZPAK L., ILGAZ N. S., USLU İ. N., CÖMERTPAY G., AY G., KOCATÜRK SEL S., TANRIVERDİ N., et al.
15.Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 26 - 29 October 2017

X. **Effect of sodium butyrate on some alternative splicing genes and bace1 isoforms in SH-SY5Y**
LÜLEYAP H. Ü., AY G., CÖMERTPAY G., ALPTEKİN D., PAZARBAŞI A.
European Human Genetics Conference, Kopenhag, Denmark, 27 - 30 May 2017, vol.P09

XI. **Rapid aneuplody testing in postnatal samples from Cukurova region**
KOCATÜRK SEL S., YILMAZ M. B., LÜLEYAP H. Ü., PAZARBAŞI A., ALPTEKİN D., DEMİRHAN O., ILGAZ N. S., ÖZPAK L., USLU İ. N., CÖMERTPAY G., et al.
Innovation in Medicine Meeting 3, Gaziantep, Turkey, 11 - 13 May 2017

XII. **Effects of neonatal ketamine and dexmedetomidine administration on NMDA receptor, alpha 2 adrenergic receptor and anxiety in mice**
YILMAZ M. B., AKILLIOĞLU K., ÖZCENGİZ D., TÜRKTAN M., ILGAZ N. S., CÖMERTPAY G., BARC E. D., KOÇAKLI Z. G., ÖKSÜZ H.
17th congress of the european neuroendocrine association, 19 - 22 October 2016

XIII. **Analysis of maternal polymorphisms of RFC1 gene and risk of Down syndrome offspring**
PAZARBAŞI A., ÖZPAK L., Keser N., KOCATÜRK SEL S., Cömertpay G., Özgünen F. T.
European Human Genetics Conference 2016, Barselona, Spain, 21 - 24 May 2016, pp.581

XIV. **Rapid Detection Of Fetal Aneuploidies By Quantitative Fluorence Pcr (Qf-Pcr) In Prenatal Dioagnosis**
TUFAN T., PAZARBAŞI A., Erkoç M. A., CÖMERTPAY G., KOCATÜRK SEL S., OZGUNEN F. T., YILMAZ M. B., BÜYÜKKURT S., ILGAZ N. S., ÖZPAK L., et al.
European Human Genetics Conference 2013, Paris, France, 8 - 11 June 2013, vol.21, pp.18

XV. **The Presence Of One Trisomic Diallelic Marker Of A Fetus For D21s1411 With Normal Karyotype**
ALPTEKİN D., PAZARBAŞI A., LÜLEYAP H. Ü., ERKOC M. A., YILMAZ M. B., CÖMERTPAY G., TUFAN T., KOCATÜRK SEL S., BÜYÜKKURT S., DEMİRHAN O.
European Human Genetics Conference 2013, Paris, France, 8 - 11 June 2013, vol.21, pp.57

XVI. **Chromosomal Abnormalities Identified At Prenatal Diagnosis**
PAZARBAŞI A., TUNÇ E., ALPTEKİN D., LÜLEYAP H. Ü., DEMİRHAN O., TANRIVERDI N., OZGUNEN F. T., İNANDIKLIOĞLU N., EVRÜKE İ. C., ÖZPAK L., et al.

European Human Genetics Conference 2013, Paris, France, 8 - 11 June 2013, vol.21, pp.78

Supported Projects

LÜLEYAP H. Ü., CÖMERTPAY G., Project Supported by Higher Education Institutions, ISL2 Geninin Pankreatik Kanser Metabolizmasındaki Rolünün Araştırılması, 2018 - 2020
LÜLEYAP H. Ü., CÖMERTPAY G., AY G., EVYAPAN G., Project Supported by Higher Education Institutions, Deksametazona Bağlı Akut Stresin ER Bağımlı Apoptozis ve Otofaji Mekanizması Üzerine Etkisinin SH SY5Y Hücre Hattında Real Time RTPCR Yöntemi ile İncelenmesi, 2017 - 2018

Metrics

Publication: 27
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