

## Asst. Prof. ÖZGE RENCÜZOĞULLARI

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: X-9954-2019

ScopusID: 57204200277

Yoksis Researcher ID: 222563

### Education Information

Doctorate, Yeditepe University, Fen Bilimleri Enstitüsü, Biyoteknoloji (Dr) (İngilizce), Turkey 2014 - 2020

Postgraduate, Istanbul Kultur University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik (YI) (Tezli), Turkey 2011 - 2014

Undergraduate, Istanbul Kultur University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik Bölümü, Turkey 2007 - 2011

### Dissertations

Doctorate, POTENTIAL ROLE OF CDK4/6 INHIBITION- TARGETED MECHANISMS AS A NOVEL THERAPEUTIC STRATEGY IN PANCREATIC CANCER CELLS, Yeditepe University, Fen Bilimleri Enstitüsü, Biyoteknoloji (Dr) (İngilizce), 2020

Postgraduate, mTOR sinyal yolağının rapamycin ile baskılanması durumunda CDK inhibitörlerinin terapötik etkilerinin LNCaP, DU145 ve PC3 prostat kanseri hücrelerinde incelenmesi, Istanbul Kultur University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik (YI) (Tezli), 2014

### Research Areas

Biotechnology, Molecular Biology and Genetics

### Academic Titles / Tasks

Assistant Professor, Istanbul Kultur University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji ve Genetik, 2021 - Continues

Research Assistant, Istanbul Kultur University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji ve Genetik, 2013 - 2020

### Courses

ARAŞTIRMA PROJESİ I, Undergraduate, 2023 - 2024

Moleküler Biyoloji Teknikleri I, Undergraduate, 2021 - 2022

Animal Cell culture, Undergraduate, 2021 - 2022

2-B ve 3-B hücre kültürü yöntemleri, Doctorate, 2021 - 2022

Kök Hücre Biyolojisi, Undergraduate, 2021 - 2022, 2020 - 2021  
Stem Cell Biology, Undergraduate, 2021 - 2022  
Genetik Laboratuvarı, Undergraduate, 2021 - 2022  
Hücrede Sinyal İletimi, Postgraduate, 2021 - 2022  
Araştırma Projesi, Undergraduate, 2021 - 2022  
Transgenik Hayvan Modelleri, Undergraduate, 2021 - 2022, 2020 - 2021  
Hücre Devri ve Apoptoz, Postgraduate, 2021 - 2022  
Bitirme Projesi I, Undergraduate, 2021 - 2022, 2020 - 2021  
Moleküler Endokrinoloji, Undergraduate, 2020 - 2021  
Bitirme Projesi II, Undergraduate, 2020 - 2021

## Advising Theses

ÖZGE R., BERRAK HÜCRELİ RENAL HÜCRELİ KARSİNOMADA YAĞ ASİT METABOLİZMASI İLİŞKİLİ AMPK ve miR-33a İFADELERİNİN KLİNİKOPATOLOJİK PARAMETRELERLE İLİŞKİSİNİN TCGA VERİ SETİNDE ve HÜCRE HATLARINDA MOLEKÜLER DÜZEYDE ANALİZİ, Doctorate, M.ZAFER(Student), 2024  
ÖZGE R., Gemsitabine dirençli pancreas kanseri üç boyutlu hücre modellerinde Wnt sinyal yolağını hedefleyen miRNA profillerinin incelenmesi, Postgraduate, D.KAZANCI(Student), 2024  
ÖZGE R., MiR-506 ifadesi arttırılan MCF-7 ve MDA-MB-231 meme kanseri hücrelerinde metforminin apoptotik hücre ölümü üzerine etkisinin incelenmesi, Postgraduate, S.QAYOUMI(Student), 2023  
ÖZGE R., miR-21 ifadesi arttırılan HEPG2 Karaciğer Kanseri Hücrelerinde Oleandrinin Hücre Sağkalım ve Hücre Ölüm Mekanizmalarına Etkilerinin İncelenmesi, Postgraduate, E.KARAKAYA(Student), 2023  
ÖZGE R., MiR-150 ifadesinin mezenkimal karakterlere etkisinin üç boyutlu pankreas kanseri hücre formlarında incelenmesi, Postgraduate, E.NAZ(Student), 2023  
ÖZGE R., STAT5 İfadesi Arttırılan Renal Hücreli Karsinomada Çinko Oksit Nanopartiküllerinin Yağ Asit Metabolizması İle İlişkili Hücre Ölüm Yolaklarına Etkisinin Araştırılması, Postgraduate, A.SİMAY(Student), 2023  
ÖZGE R., Metforminin MDA-MB-231 üçlü negatif meme kanseri hücrelerindeki apoptoz ve otofaji üzerindeki etkisinin gösterilmesi, Postgraduate, Z.GÜLŞAH(Student), 2022

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

- I. **In situ synthesis and cell line studies of nano-hydroxyapatite/graphene oxide composite materials for bone support applications**  
Ozder M. N., Ciftci F., RENCÜZOĞULLARI Ö., Arisan E. D., ÜSTÜNDAĞ C. B.  
Ceramics International, vol.49, no.9, pp.14791-14803, 2023 (SCI-Expanded)
- II. **The protective impact of growth hormone against rotenone-induced apoptotic cell death via acting on endoplasmic reticulum stress and autophagy axis**  
RENCÜZOĞULLARI Ö., Tornaci S., Celiik Y., Ciroglu N. N., Yerlikaya P. O., ARISAN E. D., ÇOKER GÜRKAN A.  
TURKISH JOURNAL OF BIOLOGY, vol.47, no.1, pp.29-43, 2023 (SCI-Expanded)
- III. **Palbociclib negatively regulates fatty acid synthesis due to upregulation of AMPK $\alpha$  and miR-33a levels to increase apoptosis in Panc-1 and MiaPaCa-2 cells**  
RENCÜZOĞULLARI Ö., Yerlikaya P. O., ÇOKER GÜRKAN A., ARISAN E. D., TELCİ D.  
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, vol.69, no.1, pp.342-354, 2022 (SCI-Expanded)
- IV. **Gemcitabine in combination with epibrassinolide enhanced the apoptotic response in an ER stress-dependent manner and reduced the epithelial-mesenchymal transition in pancreatic cancer cells**  
YERLİKAYA P. O., Mehdizadehtapeh L., RENCÜZOĞULLARI Ö., Kuryayeva F., Cevikli S. S., Ozagar S., Odabas S. P., Tunckol S., Yetim H., ÇOKER GÜRKAN A., et al.  
TURKISH JOURNAL OF BIOLOGY, vol.46, no.6, pp.439-457, 2022 (SCI-Expanded)
- V. **Palbociclib suppresses the cancer stem cell properties and cell proliferation through increased**

**levels of miR-506 or miR-150 in Panc-1 and MiaPaCa-2 cells**

RENCÜZOĞULLARI Ö., ARISAN E. D.

TURKISH JOURNAL OF BIOLOGY, vol.46, no.5, pp.342-360, 2022 (SCI-Expanded)

- VI. **MiR-21 Is Required for the Epithelial-Mesenchymal Transition in MDA-MB-231 Breast Cancer Cells**  
ARISAN E. D., RENCÜZOĞULLARI Ö., Cieza-Borrella C., Miralles Arenas F., Dwek M., Lange S., Uysal-Onganer P.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.22, no.4, pp.1-22, 2021 (SCI-Expanded)
- VII. **The role of the PI3K/AKT/mTOR signaling axis in the decision of the celestrol-induced cell death mechanism related to the lipid regulatory pathway in prostate cancer cells**  
ARISAN E. D., RENCÜZOĞULLARI Ö., Coban M., Sevgin B., YERLİKAYA P. O., ÇOKER GÜRKAN A., Palavan-Unsal N.  
PHYTOCHEMISTRY LETTERS, vol.39, pp.73-83, 2020 (SCI-Expanded)
- VIII. **Inhibition on JNK Mimics Silencing of Wnt-11 Mediated Cellular Response in Androgen-Independent Prostate Cancer Cells**  
ARISAN E. D., RENCÜZOĞULLARI Ö., Keskin B., Grant G. H., Uysal-Onganer P.  
BIOLOGY-BASEL, vol.9, no.7, pp.1-18, 2020 (SCI-Expanded)
- IX. **Upregulated Wnt-11 and miR-21 Expression Trigger Epithelial Mesenchymal Transition in Aggressive Prostate Cancer Cells**  
ARISAN E. D., RENCÜZOĞULLARI Ö., Freitas I. L., Radzali S., Keskin B., Kothari A., Warford A., Uysal-Onganer P.  
BIOLOGY-BASEL, vol.9, no.3, 2020 (SCI-Expanded)
- X. **Palbociclib, a selective CDK4/6 inhibitor, restricts cell survival and epithelial-mesenchymal transition in Panc-1 and MiaPaCa-2 pancreatic cancer cells**  
RENCÜZOĞULLARI Ö., YERLİKAYA P. O., ÇOKER GÜRKAN A., Arisan E. D., TELCİ D.  
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.121, no.1, pp.508-523, 2020 (SCI-Expanded)
- XI. **The molecular targets of diclofenac differs from ibuprofen to induce apoptosis and epithelial mesenchymal transition due to alternation on oxidative stress management p53 independently in PC3 prostate cancer cells**  
Arisan E. D., Akar R. O., RENCÜZOĞULLARI Ö., Yerlikaya P. O., ÇOKER GÜRKAN A., Akin B., Dener E., Kayhan E., Unsal N. P.  
PROSTATE INTERNATIONAL, vol.7, no.4, pp.156-165, 2019 (SCI-Expanded)
- XII. **Investigation of PI3K/AKT and EMT-targeted miRNA profiles in palbociclib-treated Panc-1 and MiaPaCa-2 pancreatic cancer cells**  
RENCÜZOĞULLARI Ö., YERLİKAYA P. O., ÇOKER GÜRKAN A., Telci D., Arisan E. D.  
FEBS OPEN BIO, pp.342, 2019 (SCI-Expanded)
- XIII. **Inhibition of extracellular signal-regulated kinase potentiates the apoptotic and antimetastatic effects of cyclin-dependent kinase inhibitors on metastatic DU145 and PC3 prostate cancer cells**  
RENCÜZOĞULLARI Ö., Arisan E. D., YERLİKAYA P. O., ÇOKER GÜRKAN A., Keskin B., Unsal N. P.  
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.120, no.4, pp.5558-5569, 2019 (SCI-Expanded)
- XIV. **Diclofenac induced apoptosis via altering PI3K/Akt/MAPK signaling axis in HCT 116 more efficiently compared to SW480 colon cancer cells**  
Arisan E. D., Ergul Z., Bozdag G., RENCÜZOĞULLARI Ö., ÇOKER GÜRKAN A., YERLİKAYA P. O., Coskun D., Palavan-Unsal N.  
MOLECULAR BIOLOGY REPORTS, vol.45, no.6, pp.2175-2184, 2018 (SCI-Expanded)
- XV. **Biological responses of ultrafine grained pure titanium and their sand blasted surfaces**  
GÜNAY BULUTSUZ A., RENCÜZOĞULLARI Ö., YEPREM H. A., Arisan E. D., YURCİ M. E.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.91, pp.382-388, 2018 (SCI-Expanded)
- XVI. **mTOR is a fine tuning molecule in CDK inhibitors-induced distinct cell death mechanisms via PI3K/AKT/mTOR signaling axis in prostate cancer cells**  
RENCÜZOĞULLARI Ö., Arisan E. D., YERLİKAYA P. O., ÇOKER GÜRKAN A., Palavan-Unsal N.  
APOPTOSIS, vol.21, no.10, pp.1158-1178, 2016 (SCI-Expanded)
- XVII. **The inhibition of PI3K and NFκB promoted curcumin-induced cell cycle arrest at G2/M via altering polyamine metabolism in Bcl-2 overexpressing MCF-7 breast cancer cells**

RENCÜZOĞULLARI Ö., Akkoc Y., Arisan E. D., Coker-Gurkan A., YERLİKAYA P. O., Palavan-Unsal N.  
BIOMEDICINE & PHARMACOTHERAPY, vol.77, pp.150-160, 2016 (SCI-Expanded)

- XVIII. **CDK inhibitors-induced SSAT expression requires NFκB and PPARγ in MCF-7 breast cancer cells**  
YERLİKAYA P. O., Yildirim S., Ozturk M. B., RENCÜZOĞULLARI Ö., ÇOKER GÜRKAN A., Arisan E. D., Unsal Z. N.  
TURKISH JOURNAL OF BIOLOGY, vol.39, no.5, pp.712-721, 2015 (SCI-Expanded)
- XIX. **Inhibition of PI3K signaling triggered apoptotic potential of curcumin which is hindered by Bcl-2 through activation of autophagy in MCF-7 cells**  
Akkoc Y., RENCÜZOĞULLARI Ö., Arisan E. D., YERLİKAYA P. O., ÇOKER GÜRKAN A., Palavan-Unsal N.  
BIOMEDICINE & PHARMACOTHERAPY, vol.71, pp.161-171, 2015 (SCI-Expanded)
- XX. **mTOR signalling alters cell fate following inhibition of cyclin-dependent kinases due to androgen receptor status in prostate cancer cells**  
Arisan E. D., RENCÜZOĞULLARI Ö., YERLİKAYA P. O., Coker-Gurkan A., Unsal N. P.  
INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, 2014 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Circulating microRNA expression profiles to identify a potential link between prostate cancer and obesity**  
Arisan S., ÖZFİLİZ KILBAŞ P., RENCÜZOĞULLARI Ö., Unsal N. P., ÇOKER GÜRKAN A., OBAKAN YERLİKAYA P., Uysal-Onganer P., ARISAN E. D.  
HUMAN GENE, vol.34, 2022 (ESCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **The investigation of fatty acid metabolism related to AMPKa/miR33a expression in renal cell carcinoma**  
ÇALIŞIR H. N., AKÇAY S., ÖZFİLİZ KILBAŞ P., RENCÜZOĞULLARI Ö., AYHAN ŞAHİN B.  
2. International Workshop on Cancer and Lipidomics, Turkey, 10 - 11 September 2024
- II. **Development of Gemcitabine-Resistant Pancreatic Cancer Cells and Examination in Three-Dimensional Cell Forms**  
KAZANCI D., RENCÜZOĞULLARI Ö.  
4. Uluslararası Ege Bilimsel Araştırmalar Sempozyumu, İstanbul, Turkey, 16 March 2024
- III. **INVESTIGATION OF THE EFFECTS OF OLEANDRIN ON HEPG2 HEPATOCELLULAR CARCINOMA CELLS**  
Karakaya E., RENCÜZOĞULLARI Ö.  
9. ULUSLARARASI ANKARA BİLİMSEL ARAŞTIRMALAR KONGRESİ, Ankara, Turkey, 26 - 28 December 2023
- IV. **STAT5 İfadesi Arttırılan A-498 Renal Hücreli Karsinoma Hücre Hattında Çinko Oksit Nanopartüküllerinin Etkisinin İncelenmesi**  
Metin A. S., RENCÜZOĞULLARI Ö.  
3rd International Congress on Scientific Advances 3. Uluslararası Bilimsel Gelişmeler Kongresi, Turkey, 20 December 2023
- V. **YAĞ ASİT METABOLİZMASI İLİŞKİLİ AMPK VE SREBP GEN EKSPRESYONLARI VE MİR-33A EKSPRESYONUNUN BERRAK HÜCRELİ RENAL HÜCRELİ KARSİNOMDA KLİNİKOPATOLOJİK PARAMETRELERLE İLİŞKİSİNİN DEĞERLENDİRİLMESİ: TCGA VERİ SETİ ANALİZİ**  
TEMİZ M. Z., RENCÜZOĞULLARI Ö.  
6. INTERNATIONAL HASANKEYF SCIENTIFIC RESEARCH AND INNOVATION CONGRESS, Batman, Turkey, 18 - 19 November 2023
- VI. **Investigation of the effect of metformin on epithelial-mesenchymal transition in MCF-7 and MDAMB-231 breast cancer cells with increased expression of miR-506**  
RENCÜZOĞULLARI Ö.

6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), Ankara, Turkey, 11 November - 13 October 2023

- VII. **The role of endoplasmic reticulum stress in abemaciclib triggered apoptotic cell death in A549 cells**  
Keskin A. G., RENCÜZOĞULLARI Ö., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., ARISAN E. D.  
I.International Advances in Molecular Biology Congress, İstanbul, Turkey, 19 September 2022
- VIII. **Investigation of the effect of the miR-150 expression on the mesenchymal character in 3D pancreatic cancer cell models**  
RENCÜZOĞULLARI Ö., Sarıkaya E. N.  
I.International Advances in Molecular Biology Congress, İstanbul, Turkey, 19 September 2022
- IX. **Investigation of the Effect of STAT3 Inhibition on Apoptotic Process Associated with JAK/STAT Signaling Pathway in A-498 and ACHN Renal Carcinoma Cells**  
Yıldızhan K. Y., Aydin Y. E., ÖZFİLİZ KILBAŞ P., AYHAN ŞAHİN B., RENCÜZOĞULLARI Ö.  
25th IUBMB Congress, the 46th FEBS Congress and the 15th PABMB Congress, Lisbon, Portugal, 9 - 14 July 2022
- X. **Examination of Fatty Acid Metabolism and Induction of Epithelial-Mesenchymal Transition pathway via modulation of miR-33a levels in Caki-1 and Caki-2 Renal Cell Carcinoma Cells**  
İnce İ., Kalabalıkoğlu E., AYHAN ŞAHİN B., ÖZFİLİZ KILBAŞ P., RENCÜZOĞULLARI Ö.  
25th IUBMB Congress, the 46th FEBS Congress and the 15th PABMB Congress, Lisbon, Portugal, 9 - 14 July 2022
- XI. **Examining the relationship of diabetes-related cytokine levels and EMT in STAT5-overexpressed Panc-1 and MiaPaCa-2 pancreatic cancer spheroid models in response to celastrol treatment**  
RENCÜZOĞULLARI Ö., Sarıkaya E. N., Kahya B.  
The 46th FEBS Congress "The Biochemistry Global Summit", Lizbon, Portugal, 09 July 2022, vol.12, pp.67-336
- XII. **LIPID REGULATION PATHWAYS DETERMINE THE CDK INHIBITORS MEDIATED THERAPEUTIC FATE IN PANCREAS CANCER CELLS**  
ARISAN E. D., Uysal Ongoner P., Özbekle B., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., RENCÜZOĞULLARI Ö.  
The International Cell Death Society, Future of Cell Death in Basic Science and Translational Medicine, İstanbul, Turkey, 02 July 2022
- XIII. **The effect of CDK4/6 inhibition on cancer stem like-properties-induced Panc-1 and MiaPaCa-2 pancreatic cancer cells**  
RENCÜZOĞULLARI Ö., ARISAN E. D.  
the Fifth Congress of the Serbian Association for Cancer Research with international participation "Translational potential of cancer research in Serbia, Belgrade, Serbia, 03 December 2021
- XIV. **Investigation of the molecular effects of palbociclib and celastrol combination treatment in pancreatic cancer cells**  
DELİOĞLU S. Ş., GİRİTLİOĞLU Z., AYHAN ŞAHİN B., ÖZFİLİZ KILBAŞ P., RENCÜZOĞULLARI Ö.  
5th Congress of SDIR: Translational Potential of Cancer Research in Serbia, Serbia, 03 December 2021, pp.1-50
- XV. **Investigation The Role Of Hippo Signaling In Metformin-induced Apoptosis And Autophagy Mechanisms In MDA-MB-231 Breast Cancer Cells**  
Sonalp Z. G., RENCÜZOĞULLARI Ö.  
the Fifth Congress of the Serbian Association for Cancer Research with international participation "Translational potential of cancer research in Serbia, Belgrade, Serbia, 03 December 2021
- XVI. **Targeting the self-renewal mechanism of pancreatic cancer cells by forced expression of Notch-targeted miRNA and palbociclib treatment**  
RENCÜZOĞULLARI Ö., ARISAN E. D.  
II. Uluslararası Bilim ve İnovasyon Kongresi – (INSI 2021), Turkey, 25 - 27 June 2021
- XVII. **miR-150 is a fine tuning mediator for the regulation of metastatic potential of MiaPaCa-2 pancreatic cancer cells**  
RENCÜZOĞULLARI Ö., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., ARISAN E. D.  
The 45th FEBS Congress Molecules of Life: Towards New Horizons, Ljubljana, Slovenia, 3 - 08 July 2021, vol.11, pp.436
- XVIII. **microRNA-21 promotes invasion and cellular differentiation in breast cancer in vitro**  
ARISAN E. D., RENCÜZOĞULLARI Ö., Uysal Ongoner P., Cieza Borrella C.

NCRI Conference, 20 October 2020

- XIX. Investigation the role of JNK inhibitor on the crosstalk between autophagy and EMT signaling in prostate cancer cell lines**  
Keskin B., RENCÜZOĞULLARI Ö., Uysal Ongoner P., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., ARISAN E. D.  
Cell death symposium 2019, Turkey, 3 - 05 October 2019
- XX. Investigation of PI3K/AKT and EMT-targeted miRNA profiles in palbociclib-treated Panc-1 and MiaPaCa-2 pancreatic cancer cells**  
RENCÜZOĞULLARI Ö., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., TELCİ D., ARISAN E. D.  
The 44th FEBS, 6 - 11 July 2019
- XXI. Investigation the Role of Palbociclib on Fatty Acid Synthase Metabolism through Regulation of miR-33a in Pancreatic Cancer Cells**  
RENCÜZOĞULLARI Ö., TELCİ D., ARISAN E. D.  
International Molecular Medicine Symposium, 16 May 2019 - 18 May 2019
- XXII. The combination of rapamycin with CDK inhibitors purvalanol and roscovitine induces autophagy by modulating different mTOR complexes in DU 145 prostate cancer cells**  
ARISAN E. D., RENCÜZOĞULLARI Ö., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., ÜNSAL Z. N.  
International Autophagy Conferences: First Joint Meeting: Nordic, Spanish French Autophagy Networks, France, 15 - 18 September 2014
- XXIII. Purvalanol and roscovitine exert their apoptotic effect differently in terms of mTOR downstream signalling route**  
Doğruel T., RENCÜZOĞULLARI Ö., ARISAN E. D., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., ÜNSAL Z. N.  
3rd AntiCancer Agent Development Congress, Turkey, 18 - 19 May 2015
- XXIV. Celastrol Modulates Lipid Synthesis via PI3K/Akt/mTOR Signaling Axis to finalize Cell Death Response in Prostate Cancer Cells**  
ARISAN E. D., RENCÜZOĞULLARI Ö., ÇOKER GÜRKAN A., OBAKAN YERLİKAYA P., ÜNSAL Z. N.  
2nd International Conference on Natural Products for Cancer Prevention and Therapy, 8 - 11 November 2017
- XXV. p38 MAPK has critical role in CDK inhibitors-induced apoptosis and autophagy in AR LNcaP and AR-DU145 and PC3 prostate cancer cells**  
RENCÜZOĞULLARI Ö., ARISAN E. D., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., ÜNSAL Z. N.  
PCS 3rd International Prostate Cancer Symposium, 5 - 06 August 2017
- XXVI. Orlistat as a fatty acid synthase inhibitor blocks cell survival mechanism via activating PTEN, which controls PI3K/AKT/MAPK axis in PC3 prostate cancer cells**  
Aras S., Ozdemir B. S., Arisan E. D., RENCÜZOĞULLARI Ö., ÖZFİLİZ KILBAŞ P., YERLİKAYA P. O., ÇOKER GÜRKAN A., Unsal N. P.  
European Biotechnology Congress, Dubrovnik, Croatia, 25 - 27 May 2017
- XXVII. FASN inhibitörü, Orlistatın Hücre Ölüm mekanizmalarına olan etkisinin LNcaP ve DU145 prostat kanseri hücrelerinde araştırılması**  
TOKYAY A., AKAR F. S., RENCÜZOĞULLARI Ö., ÖZFİLİZ KILBAŞ P., ARISAN E. D., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., ÜNSAL Z. N.  
6. Kök Hücre Sempozyumu, İstanbul, Turkey, 5 - 06 May 2017
- XXVIII. Celastrol'ün prostat kanseri hücrelerinde PI3K/Akt sinyal yolağı ile ilişkili olarak epitelial-mezenkimal hücre tranzisyonuna etkisi**  
ÇOBAN M., SEVGİN B., ŞENTÜRK K., RENCÜZOĞULLARI Ö., ÖZFİLİZ KILBAŞ P., ARISAN E. D., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., ÜNSAL Z. N.  
6. Kök Hücre Sempozyumu, Turkey, 5 - 06 May 2017
- XXIX. FASN inhibitörü orlistat tarafından tetiklenen apoptotik ve otofajik hücre süreçlerinin EMT aracılı olarak PC3 prostat kanseri hücrelerinde incelenmesi**  
ARAS S., ÖZDEMİR B. S., RENCÜZOĞULLARI Ö., ÖZFİLİZ KILBAŞ P., ARISAN E. D., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., ÜNSAL Z. N.  
6. Kök Hücre Sempozyumu, Turkey, 5 - 06 May 2017
- XXX. Diclofenac increased ROS generation to proceed EMT processes p53 independently in PC3 cells**

- AKAR R. O., RENCÜZOĞULLARI Ö., ARISAN E. D., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., PALAVAN ÜNSAL N.  
6th Stem cell Symposium and Stem cell course, Turkey, 5 - 06 May 2017
- XXXI. **Diclophenac increased ROS generation to proceed EMT processes p53 independently in PC3 cells**  
AKAR R. O., ARISAN E. D., RENCÜZOĞULLARI Ö., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., ÜNSAL Z. N.  
6. Kök Hücre Sempozyumu, Turkey, 5 - 06 May 2017
- XXXII. **PC3 prostat kanseri hücrelerinde NSAID'ler tarafından tetiklenen ölüm mekanizmasında p53'ün rolü**  
ARISAN E. D., AKAR R. O., RENCÜZOĞULLARI Ö., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., ÜNSAL Z. N.  
İstinye Üniversitesi Moleküler Kanser Zirvesi, Turkey, 25 - 26 March 2017
- XXXIII. **c-Jun has critical role in CDK inhibitors-induced reactive oxygen species-dependent autophagy and apoptosis in prostate cancer cells**  
RENCÜZOĞULLARI Ö., ARISAN E. D., OBAKAN YERLİKAYA P., ÇOKER GÜRKAN A., ÜNSAL Z. N.  
41th FEBS Congress, Molecular and System Biology for a Better Life, Turkey, 3 - 08 September 2016, vol.283, pp.2-6
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