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International Researcher IDs

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Publons / Web Of Science ResearcherID: T-9057-2018

ScopusID: 8618307500

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Education Information

Doctorate, Ihsan Dogramaci Bilkent University, Institute Of Engineering And Natural Sciences, Moleküler Biyoloji Ve Genetik (Dr), Turkey 1997 - 2002

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoteknoloji (YI) (Tezli), Turkey 1991 - 1994

Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, Turkey 1986 - 1991

Dissertations

Doctorate, Hepatocellular carcinoma: Viral etiology and cellular mechanisms, Ihsan Dogramaci Bilkent University, Mühendislik Ve Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik (Dr), 2002

Postgraduate, Pysiological and Genetical Aspects of Rhizobium cicer- Chickpea Symbiosis, Middle East Technical University, Fen Bilimleri Enstitüsü, Biyoteknoloji (YI) (Tezli), 1994

Research Areas

Medicine, Life Sciences

Academic Titles / Tasks

Professor, Dokuz Eylul University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2014 - Continues

Academic and Administrative Experience

Dokuz Eylul University, 2016 - Continues

Dokuz Eylul University, 2016 - Continues

Courses

Advising Theses

- ERDAL BAĞRIYANIK Ş. E., Endodermal hepatic organoid (EHEPO) kültürünün geliştirilmesi ve tek hücre bazında karakterizasyonu, Postgraduate, A.TURGUT(Student), 2023
- ERDAL BAĞRIYANIK Ş. E., Karaciğer kanserinin modellenmesinde indüklenebilir pluripotent kök hücre (IPSCs) kaynaklı hepatic organoidler, Doctorate, M.KARABİÇİCİ(Student), 2022
- ERDAL BAĞRIYANIK Ş. E., Hasta kaynaklı kolorektal kanser organoidlerinin karakterizasyonu, Postgraduate, M.KANIK(Student), 2022
- ERDAL BAĞRIYANIK Ş. E., İlaç yanıtının tahmini için hasta kaynaklı tümör organoidleri, Postgraduate, E.BERNA(Student), 2022
- ERDAL BAĞRIYANIK Ş. E., ŞENTÜRK Ş., Kanser ilişkili hTERT mutasyonlarının 3d karaciğer organoidlerinde crıspr-Cas9 ile modellenmesi, Postgraduate, C.ÇELİKER(Student), 2019
- ERDAL BAĞRIYANIK Ş. E., 3 boyutlu hepatic organoidlerde lizozomal asit lipaz eksikliği modelinin geliştirilmesi, Postgraduate, K.NUR(Student), 2019
- ARSLAN N., ERDAL BAĞRIYANIK Ş. E., Development of in-vitro hepatic organoid model, Doctorate, S.AKBARI(Student), 2018
- ERDAL BAĞRIYANIK Ş. E., Identification of the effect of regorafenib in hepatocellular carcinoma, Postgraduate, M.KARABİÇİCİ(Student), 2017
- ERDAL BAĞRIYANIK Ş. E., Synthesis and Characterization of Novel Hydrogel Tissue Scaffolds for Regenerative Medicine Applications, Doctorate, F.GÜRER(Student), 2017
- ERDAL BAĞRIYANIK Ş. E., The investigation of anticancer properties of (R)-4' methylklavuzon in liver cancer cells and liver cancer stem cells, Doctorate, M.DELMAN(Student), 2017
- ERDAL BAĞRIYANIK Ş. E., The role of EZH2 mediated H3K27ME3 modification in the development of hepatocellular carcinoma, Doctorate, S.TERCAN(Student), 2016
- ERDAL BAĞRIYANIK Ş. E., Preparation and characterization of polymeric scaffolds for nerve tissue engineering applications, Doctorate, M.BÜYÜKÖZ(Student), 2014
- ERDAL BAĞRIYANIK Ş. E., The role of collagen-mediated signaling in hepatocarcinogenesis, Doctorate, E.KANDEMİŞ(Student), 2014
- ERDAL BAĞRIYANIK Ş. E., The role of EpCAM signalling in hepatocellular carcinoma, Postgraduate, E.ŞAHİN(Student), 2014
- ERDAL BAĞRIYANIK Ş. E., Genome wide effects of lithium on hepatocellular carcinoma cells, Doctorate, İ.KUNTER(Student), 2013
- ERDAL BAĞRIYANIK Ş. E., Investigation of mechanical vibration effects on breast cancer cells, Doctorate, M.OLCUM(Student), 2013
- ERDAL BAĞRIYANIK Ş. E., The importance of leucine-rich repeat containing g-protein coupled receptor 5 (LGR5) in proliferation of hepatocellular carcinoma cell, Postgraduate, S.AKBARI(Student), 2012
- DİCLE O., ERDAL BAĞRIYANIK Ş. E., In silico modelling of the hepatocellular carcinoma microarray expression data, Postgraduate, G.KARAKÜLAH(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Imaging of Isolated Exosomes by Correlative Microscopy**
Demir Ş., Erdal E., Bagriyanik H. A.
Journal of Histochemistry and Cytochemistry, 2024 (SCI-Expanded)
- II. **Human liver organoid models for assessment of drug toxicity at the preclinical stage.**
Karabicici M., Akbari S., Ertem O., Gumustekin M., Erdal E.
Endocrine, metabolic & immune disorders drug targets, 2023 (SCI-Expanded)

- III. **Spatio-temporal dynamics enhance cellular diversity, neuronal function and further maturation of human cerebral organoids.**
Saglam-Metiner P., Devamoglu U., Filiz Y., Akbari S., Beceren G., Goker B., Yaldiz B., Yanasik S., Biray Avcı C., Erdal E., et al.
Communications biology, vol.6, no.1, pp.173, 2023 (SCI-Expanded)
- IV. **EGFR and Lyn inhibition augments regorafenib induced cell death in sorafenib resistant 3D tumor spheroid model.**
Sarıyar E., Karpat O., Sezan S., Baylan S. M., Kıpçak A., Guven K., Erdal E., Karagonlar Z. F.
Cellular signalling, pp.110608, 2023 (SCI-Expanded)
- V. **VARs1 mutations associated with neurodevelopmental disorder are located on a short amino acid stretch of the anticodon-binding domain**
Hız A. S., Kılıç S., Bademci G., Karakulak T., Erdogan A., Ozden B., Eresen Yazıcıoğlu Ç., Erdal E., Yiş U., Tekin M., et al.
TURKISH JOURNAL OF BIOLOGY, vol.46, no.6, pp.458-464, 2022 (SCI-Expanded)
- VI. **Genetic ablation of p53 at the onset of HCC triggers tumor initiation via the CD24-TGFβ axis in a pro-carcinogenic microenvironment**
Karabıci M., Oz O., ERDAL BAĞRIYANIK Ş. E.
FEBS OPEN BIO, vol.12, pp.69, 2022 (SCI-Expanded)
- VII. **Transcriptome Dynamics of Human Neuronal Differentiation From iPSC**
Kurus M., Akbari S., Eskier D., Bursali A., Ergin K., Erdal E., Karakuelah G.
FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY, vol.9, 2021 (SCI-Expanded)
- VIII. **Doxorubicin-induced senescence promotes stemness and tumorigenicity in EpCAM-/CD133-nonstem cell population in hepatocellular carcinoma cell line, HuH-7**
Karabıci M., Alptekin S., Firtina Karagonlar Z., ERDAL BAĞRIYANIK Ş. E.
MOLECULAR ONCOLOGY, vol.15, no.8, pp.2185-2202, 2021 (SCI-Expanded)
- IX. **Changes in Wnt and TGF-β Signaling Mediate the Development of Regorafenib Resistance in Hepatocellular Carcinoma Cell Line HuH7**
Karabıci M., Azbazdar Y., Ozhan G., Şentürk Ş., Firtina Karagonlar Z., Erdal E.
FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY, vol.09, 2021 (SCI-Expanded)
- X. **LGR5/R-Spo1/Wnt3a axis promotes stemness and aggressive phenotype in hepatoblast-like hepatocellular carcinoma cell lines**
Akbari S., Kunter I., Azbazdar Y., ÖZHAN H. G., Atabey N., Karagonlar Z. F., ERDAL BAĞRIYANIK Ş. E.
CELLULAR SIGNALLING, vol.82, 2021 (SCI-Expanded)
- XI. **Regulation of Wnt Signaling Pathways at the Plasma Membrane and Their Misregulation in Cancer**
Azbazdar Y., Karabıci M., ERDAL BAĞRIYANIK Ş. E., ÖZHAN H. G.
FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY, vol.9, 2021 (SCI-Expanded)
- XII. **A Novel Function for KLF4 in Modulating the De-Differentiation of EpCAM(-)/CD133(-) nonStem Cells into EpCAM(+)/CD133(+) Liver Cancer Stem Cells in HCC Cell Line HuH7**
Karagonlar Z. F., Akbari S., Karabıci M., Sahin E., Avcı S. T., Ersoy N., Ates K. E., Ballı T., Karacicek B., Kaplan K. N., et al.
CELLS, vol.9, no.5, 2020 (SCI-Expanded)
- XIII. **Next-Generation Liver Medicine Using Organoid Models**
Akbari S., Arslan N., Şentürk Ş., Erdal E.
FRONTIERS IN CELL AND DEVELOPMENTAL BIOLOGY, vol.7, 2019 (SCI-Expanded)
- XIV. **Antiproliferative activity of (R)-4'-methylklavuzon on hepatocellular carcinoma cells and EpCAM(+)/CD133(+) cancer stem cells via SIRT1 and Exportin-1 (CRM1) inhibition**
Delman M., Avcı S. T., Akcok I., Kanbur T., Erdal E., Cagır A.
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.180, pp.224-237, 2019 (SCI-Expanded)
- XV. **Robust, Long-Term Culture of Endoderm-Derived Hepatic Organoids for Disease Modeling**
Akbari S., Sevinc G. G., Ersoy N., Basak O., Kaplan K., Sevinc K., Ozel E., Sengun B., Enustun E., Ozcimen B., et al.
STEM CELL REPORTS, vol.13, no.4, pp.627-641, 2019 (SCI-Expanded)
- XVI. **Differential Effects of Experimental Hypoxia Conditions on Cancer Cell Behaviours in HCC**

- Kandemis E., Atabey N., Erdal E.
FEBS OPEN BIO, vol.8, pp.155, 2018 (SCI-Expanded)
- XVII. **Nanofibrous gelatine scaffolds integrated with nerve growth factor-loaded alginate microspheres for brain tissue engineering**
Buyukoz M., Erdal E., Altinkaya S. A.
JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, vol.12, no.2, 2018 (SCI-Expanded)
- XVIII. **The regulatory role of heparin on c-Met signaling in hepatocellular carcinoma cells**
İŞCAN E., Gunes A., Korhan P., Yilmaz Y., Erdal E., Atabey N.
JOURNAL OF CELL COMMUNICATION AND SIGNALING, vol.11, no.2, pp.155-166, 2017 (SCI-Expanded)
- XIX. **The Genetics of Asymmetry: Whole Exome Sequencing in a Consanguineous Turkish Family with an Overrepresentation of Left-Handedness**
Ocklenburg S., Barutcuoglu C., Ozgoren A. O., Ozgoren M., Erdal E., Moser D., Schmitz J., Kumsta R., Gunturkun O.
SYMMETRY-BASEL, vol.9, no.5, 2017 (SCI-Expanded)
- XX. **Perilipin polymorphisms are risk factors for the development of obesity in adolescents? A case-control study**
Tokgoz Y., Isik I. A., Akbari S., KÜME T., SAYIN O., Erdal E., ARSLAN N.
LIPIDS IN HEALTH AND DISEASE, vol.16, 2017 (SCI-Expanded)
- XXI. **Alteration in the subcellular location of the inhibitor of growth protein p33(ING1b) in estrogen receptor alpha positive breast carcinoma cells**
Kunter I., Kandemis E., Alotaibi H., Canda T., Erdal Bagriyanik E.
TURKISH JOURNAL OF BIOLOGY, vol.41, no.1, pp.105-112, 2017 (SCI-Expanded)
- XXII. **Role of Albumin in Growth Inhibition in Hepatocellular Carcinoma**
Bagirsakci E., Sahin E., Atabey N., Erdal E., Guerra V., Carr B. I.
ONCOLOGY, vol.93, no.2, pp.136-142, 2017 (SCI-Expanded)
- XXIII. **TXNIP overexpression promotes aggressive phenotype in HCC cell lines**
YILMAZ BARBET F., Gunes A., Ozen E., Aykutlu U., Erdal E., Nan D., Atabey N.
VIRCHOWS ARCHIV, vol.469, 2016 (SCI-Expanded)
- XXIV. **Effect of adipocyte-secreted factors on EpCAM+/CD133+hepatic stem cell population**
Karagonlar Z. F., Koc D., Sahin E., Avci S. T., YILMAZ M., Atabey N., Erdal E.
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol.474, no.3, pp.482-490, 2016 (SCI-Expanded)
- XXV. **Elevated hepatocyte growth factor expression as an autocrine c-Met activation mechanism in acquired resistance to sorafenib in hepatocellular carcinoma cells**
Karagonlar Z. F., Koc D., İŞCAN E., Erdal E., Atabey N.
CANCER SCIENCE, vol.107, no.4, pp.407-416, 2016 (SCI-Expanded)
- XXVI. **Molecular Mechanisms of Hepatocellular Carcinoma**
ALOTAİBİ H., Atabey N., DİRİL M. K., ERDAL BAĞRIYANIK Ş. E., Ozturk M.
HEPATOCELLULAR CARCINOMA: DIAGNOSIS AND TREATMENT, 3RD EDITION, pp.43-63, 2016 (SCI-Expanded)
- XXVII. **Heparin treatment increases thioredoxin interacting protein expression in hepatocellular carcinoma cells**
Gunes A., İŞCAN E., Topel H., Avci S. T., GÜMÜŞTEKİN M., Erdal E., Atabey N.
INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY, vol.65, pp.169-181, 2015 (SCI-Expanded)
- XXVIII. **Effects of Different Postharvest Storage Methods on the Quality Parameters of Chestnuts (Castanea sativa Mill.)**
Ertan E., ERDAL BAĞRIYANIK Ş. E., Alkan G., Algu B. E.
HORTSCIENCE, vol.50, no.4, pp.577-581, 2015 (SCI-Expanded)
- XXIX. **Silencing of TRPC1 regulates store-operated calcium entry and proliferation in Huh7 hepatocellular carcinoma cells**
Selli C., ERAÇ Y., KOSOVA B., Erdal E. S., Tosun M.
BIOMEDICINE & PHARMACOTHERAPY, vol.71, pp.194-200, 2015 (SCI-Expanded)
- XXX. **Reciprocal Activating Crosstalk between c-Met and Caveolin 1 Promotes Invasive Phenotype in Hepatocellular Carcinoma**

Korhan P, Erdal E, Kandemis E, Cokakli M, NART D, YILMAZ BARBET F, CAN A, Atabey N.

PLOS ONE, vol.9, no.8, 2014 (SCI-Expanded)

- XXXI. **miR-181a-5p is downregulated in hepatocellular carcinoma and suppresses motility, invasion and branching-morphogenesis by directly targeting c-Met**
Korhan P, Erdal E, Atabey N.
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol.450, no.4, pp.1304-1312, 2014 (SCI-Expanded)
- XXXII. **Active form of AKT controls cell proliferation and response to apoptosis in hepatocellular carcinoma**
Kunter I, Erdal E, NART D, YILMAZ BARBET F, Karademir S, SAĞOL Ö, Atabey N.
ONCOLOGY REPORTS, vol.31, no.2, pp.573-580, 2014 (SCI-Expanded)
- XXXIII. **Genome-Wide Transcriptional Reorganization Associated with Senescence-to-Immortality Switch during Human Hepatocellular Carcinogenesis**
YILDIZ G, ARSLAN ERGÜL A, Bagislar S, KONU KARAKAYALI Ö, Yuzugullu H, Gursoy-Yuzugullu O, Ozturk N, Ozen C, ÖZDAĞ H, Erdal E, et al.
PLOS ONE, vol.8, no.5, 2013 (SCI-Expanded)
- XXXIV. **Cooperative interaction of MUC1 with the HGF/c-Met pathway during hepatocarcinogenesis**
Bozkaya G, Korhan P, Cokakli M, Erdal E, SAĞOL Ö, Karademir S, Korch C, Atabey N.
MOLECULAR CANCER, vol.11, 2012 (SCI-Expanded)
- XXXV. **Heparin Inhibits Hepatocyte Growth Factor Induced Motility and Invasion of Hepatocellular Carcinoma Cells through Early Growth Response Protein 1**
Ozen E, Gozukizil A, Erdal E, Uren A, Bottaro D. P., Atabey N.
PLOS ONE, vol.7, no.8, 2012 (SCI-Expanded)
- XXXVI. **Early Biventricular Molecular Responses to an Acute Myocardial Infarction**
Erdal C, KARAKÜLAH G, Fermanci E, Kunter I, Silistreli E. E., Canda T, Erdal E.
INTERNATIONAL JOURNAL OF MEDICAL SCIENCES, vol.9, no.1, pp.74-82, 2012 (SCI-Expanded)
- XXXVII. **Canonical Wnt signaling is antagonized by noncanonical Wnt5a in hepatocellular carcinoma cells**
Yuzugullu H, Benhaj K, Ozturk N, ŞENTÜRK Ş, Celik E, Toylu A, Tasdemir N, Yilmaz M, Erdal E, Akcali K. C., et al.
MOLECULAR CANCER, vol.8, 2009 (SCI-Expanded)
- XXXVIII. **HEPARIN INHIBITS HGF-INDUCED MOTILITY, INVASION AND PROLIFERATION OF HEPATOCELLULAR CARCINOMA CELLS BY SUPPRESSING OF EGR-1 EXPRESION**
Ozen E, Erdal E, Atabey N.
IUBMB LIFE, vol.61, no.3, pp.342, 2009 (SCI-Expanded)
- XXXIX. **THE FYN KINASE INTERACTS WITH HEPATOCYTE GROWTH FACTOR RECEPTOR c-MET UNDER HYPOXIA: IMPLICATIONS FOR HGF-SF/cMET SIGNALLING IN HCC CELLS**
Korhan P, Bulut G, Toylu A, Erdal E, Atabey N.
IUBMB LIFE, vol.61, no.3, pp.369, 2009 (SCI-Expanded)
- XL. **Differential expression of Caveolin-1 in hepatocellular carcinoma: correlation with differentiation state, motility and invasion**
Cokakli M, Erdal E, NART D, YILMAZ BARBET F, SAĞOL Ö, KILIÇ M, Karademir S, Atabey N.
BMC CANCER, vol.9, 2009 (SCI-Expanded)
- XLI. **Mutation analysis of the Vangl2 coding region revealed no common cause for tetralogy of Fallot**
Erdal E, Erdal C, Bulut G, Kunter I, Kir M, Atabey N, Acikel U.
JOURNAL OF INTERNATIONAL MEDICAL RESEARCH, vol.35, no.6, pp.867-872, 2007 (SCI-Expanded)
- XLII. **Reprogramming of replicative senescence in hepatocellular carcinoma-derived cells**
Ozturk N, Erdal E, Mumcuoglu M, Akcali K. C., Yalcin O, ŞENTÜRK Ş, ARSLAN ERGÜL A, Gur B, Yulug I, Cetin-Atalay R, et al.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol.103, no.7, pp.2178-2183, 2006 (SCI-Expanded)
- XLIII. **Lithium-mediated downregulation of PKB/Akt and cyclin E with growth inhibition in hepatocellular carcinoma cells**
Erdal E, Ozturk N, Cagatay T, Eksioglu-Demiralp E, Ozturk M.

INTERNATIONAL JOURNAL OF CANCER, vol.115, no.6, pp.903-910, 2005 (SCI-Expanded)

- XLIV. **A highly sensitive and specific enzyme-linked immunosorbent assay of antibodies to hepatitis C virus**
Eroglu C., Yildiz E., Ozturk M., Pinarbasi E.
ACTA VIROLOGICA, vol.44, no.1, pp.29-33, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Three-Dimensional Cell Culture Models of Hepatocellular Carcinoma - a Review**
Ayvaz I., Sunay D., Sariyar E., ERDAL BAĞRIYANIK Ş. E., Karagonlar Z. F.
JOURNAL OF GASTROINTESTINAL CANCER, vol.52, no.4, pp.1294-1308, 2021 (ESCI)
- II. **Thioredoxin interacting protein promotes invasion in hepatocellular carcinoma**
Gunes A., Bagirsakci E., İŞCAN E., ÇAKAN AKDOĞAN G., aykutlu u., ŞENTÜRK Ş., ÖZHAN H. G., ERDAL BAĞRIYANIK Ş. E., NART D., YILMAZ BARBET F., et al.
Oncotarget, vol.9, no.96, 2018 (Scopus)
- III. **Adipokine Levels and Perilipin Gene Polymorphisms in Obese Turkish Adolescents with Non-Alcoholic Fatty Liver Disease**
Tokgoz Y., Erdur C. B., Akbari S., KÜME T., SAYIN O., Terlemez S., Erdal E., ARSLAN N.
ERCIYES MEDICAL JOURNAL, vol.40, no.2, pp.65-69, 2018 (ESCI)
- IV. **Platelets Microenvironment and Hepatocellular Carcinoma**
YILMAZ Y., ATABEY S. N., ERDAL BAĞRIYANIK Ş. E., CARR B.
Biochemistry and Analytic Biochemistry, vol.5, pp.281, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Molecular Mechanisms of Hepatocellular Carcinoma**
Alotaibi H., Atabey S. N., Diril M. K., Erdal Bağrıyanık Ş. E., Öztürk M.
in: Hepatocellular Carcinoma Diagnosis and Treatment, Brian I Carr, Editor, Springer International Publishing, Zürich, pp.43-63, 2016
- II. **Molecular Mechanisms of Hepatocellular Carcinoma**
ALOTAİBİ H., ATABEY S. N., DİRİL M. K., ERDAL BAĞRIYANIK Ş. E., ÖZTÜRK M.
in: Hepatocellular Carcinoma, Carr, BI, Editor, Springer International Publishing, pp.43-63, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **Enhancing Functional Maturation of iPSC-derived Endodermal Hepatic Organoid through Modified Culture Conditions**
Akbari S., Pir M., Agaca C. N., Altınay F. M., Çelik E., Karabiçici M., Sütlü T., Sezerman O. U., Erdal Bağrıyanık Ş. E.
EMBO | EMBL Symposium: Organoids: modelling organ development and disease in 3D culture, Heidelberg, Germany, 18 October 2023 - 21 January 2024
- II. **Karaciğer kanseri ilaç dirençliliğinde mikroçevreyi taklit eden 3 boyutlu sferoid modelinin geliştirilmesi**
FIRTINA KARAGONLAR Z., ERDAL BAĞRIYANIK Ş. E.
Onkolojide İz Bırakanlar Zirvesi, Antalya, Turkey, 14 - 17 November 2019
- III. **Hepatosellular karsinoma'da Wnt/ β katenin sinyal yolağının terapi indüklü senesens kök hücre ilişkisindeki rolü**
ERDAL BAĞRIYANIK Ş. E.
Onkolojide İz Bırakanlar Zirvesi, Antalya, Turkey, 14 November 2019
- IV. **Modeling Livber Disorders Using 3D Organoidfs**

ERDAL BAĞRIYANIK Ş. E.

24th International Biomedical Science and Technology Symposium, 17 - 20 October 2019

- V. **Development of microfluidic platform for cornea organoid culture.**
KAHRAMAN E., ERSOY N., AKBARI S., ERDAL BAĞRIYANIK Ş. E., BAĞRIYANIK H. A., YILDIRIM C. A., GÜVEN S.
BIOMED 2019 24. Uluslararası Biyomedikal Bilim ve Teknoloji Sempozyumu, İzmir, Turkey, 17 - 20 October 2019
- VI. **Modeling liver disorders using 3D organoids**
ERDAL BAĞRIYANIK Ş. E.
BIOMED 2019, 17 - 20 October 2019
- VII. **Development of Microfluidic Platform for Cornea Organoid Culture**
Ersoy N., Akbari S., ERDAL BAĞRIYANIK Ş. E., BAĞRIYANIK H. A., GÜVEN S.
24th Biomedical Science and Technology Symposium, İzmir, Turkey, 17 October 2019
- VIII. **Different features of liver and non-liver cancer stem cells in HCC cell line, HuH-7**
KANDEMİŞ E., KUNTER İ., ATABEY S. N., ERDAL BAĞRIYANIK Ş. E.
2nd International Cancer and Ion Channels Congress, İzmir, Turkey, 22 September 2019
- IX. **Investigation of Lysosomal Acid Lipase Activity in 3D Cell Culture Model**
Kaplan K. N., AYAR KAYALI H., ERDAL BAĞRIYANIK Ş. E., ARSLAN N.
International Inborn Errors Of Metabolism And Nutrition Congress, İstanbul, Turkey, 10 April 2019
- X. **Karaciğer kanserinde terapi ile indüklenen senesensin kök hücre fenotipine etkisi**
ERDAL BAĞRIYANIK Ş. E.
3. Çukurova HCC Kongresi, Adana, Turkey, 21 February 2019
- XI. **Klf4/Epcam Mediated Reprogramming In Hepatocellular Carcinoma**
Kaplan K. N., FIRTINA KARAGONLAR Z., Akbari S., Avci S. T., Ersoy N., ATABEY S. N., ERDAL BAĞRIYANIK Ş. E.
3. Çukurova HCC Kongresi, Adana, Turkey, 21 February 2019
- XII. **Organoidler ve Biyomedikal Uygulamaları**
ERDAL BAĞRIYANIK Ş. E.
BIOMED2018-TR, Turkey, 15 - 16 December 2018
- XIII. **Kornea Organoid Kültürüne Yönelik Mikroakışkan Platform Geliştirilmesi**
KAHRAMAN E., ERSOY N., AKBARI S., ERDAL BAĞRIYANIK Ş. E., YILDIRIM C. A., BAĞRIYANIK H. A., GÜVEN S.
BIOMED 2018 23. Uluslararası Biyomedikal Bilim ve Teknoloji Sempozyumu, İstanbul, Turkey, 15 - 16 December 2018
- XIV. **Real Time Monitoring Of Albumin Synthesis In iPSC-Derived Liver Organoids" (Organoids: Modelling Organ Development and Disease in 3D Culture**
Akbari S., BAĞRIYANIK H. A., ERDAL BAĞRIYANIK Ş. E., Ersoy N., Kaplan K. N., Gurhan G., Özel E., ÖNDER T. T.
EMBO, Heidelberg, Germany, 09 September 2018
- XV. **In-Vitro Phenotypic Rescue of Citrullinemia Disease Specific Liver Organoids**
Akbari S., ARSLAN N., BAĞRIYANIK H. A., ERDAL BAĞRIYANIK Ş. E., Ersoy N., Kaplan K. N., Gürhan G., Basak O., Özel E., Sengun B., et al.
6th International Congress of the Molecular Biology Association of Turkey, İzmir, Turkey, 04 September 2018
- XVI. **Differential outcomes of experimental hypoxia conditions on cancer cell behaviours in HCC**
ERDAL BAĞRIYANIK Ş. E., ATABEY S. N., KANDEMİŞ E.
FEBS Congress, 06 July 2018
- XVII. **Antioksidan mekanizmanın karanlık yüzü: Antioksidan gen sestrin2 ve karaciğer kanseri perspektifi**
KAHRAMAN E., BAĞIRSAKÇI E., GÜNEŞ A., ERDAL BAĞRIYANIK Ş. E., NART D., YILMAZ BARBET F., ATABEY S. N.
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- XVIII. **TXNIP'xin HCC gelişimi ve ilerleyişindeki rolü**
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Congress and Symposium Activities

COST Action: CA20140 - CorEuStem: The European Network for Stem Cell Core Facilities, Attendee, Barcelona, Spain, 2024

16. Ulusal Kemik İliđi Transplantasyonu ve Hücresel Tedaviler Kongresi, Session Moderator, Antalya, Turkey, 2024

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BioTürkiye- International Biotechnology Congress, Invited Speaker, İstanbul, Turkey, 2023