

Prof. AYLA EKER SARIBOYACI



Personal Information

Mobile Phone: [+90 538 269 6420](tel:+905382696420)

Office Phone: [+90 022 223 9375](tel:+90222239375) Extension: 01270

Web: <https://avesis.ogu.edu.tr/aecker>

Address: Eskişehir Osmangazi Üniversitesi Kök Hücre AD Hücresel Tedavi ve Kök Hücre Üretim Uygulama ve Araştırma Merkezi (ESTEM) 26480/Eskişehir/TURKIYE



International Researcher IDs

ScholarID: zfrQAEIAAAAJ

ORCID: 0000-0003-4536-9859

Publons / Web Of Science ResearcherID: AAG-5014-2019

ScopusID: 14037443800

Yoksis Researcher ID: 153089

Education Information

Doctorate, Eskişehir Osmangazi University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Histoloji Ve Embriyoloji (Dr), Turkey 1997 - 2004

Postgraduate, Eskişehir Osmangazi University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Histoloji Ve Embriyoloji (Yl) (Tezli), Turkey 1994 - 1997

Undergraduate, Anadolu University, Faculty Of Arts And Sciences, Biyoloji Pr., Turkey 1989 - 1994

Biography

Ayla Eker Eker Sariboyaci, PhD, Professor, Cellular Therapy and Stem Cell Production Application and Research Center (ESTEM), Department of Stem Cell, Eskişehir Osmangazi University, Eskişehir 26020, Turkey.

Dr Ayla Eker Sariboyaci was born in 1972 in Eskişehir, Turkey. After graduation from Anadolu University in 1994, she received his Ph.D. degree in Histology and Embryology at Eskişehir Osmangazi University in 2004 and lectured in Histology and Embryology Department at same university until 2006. She worked as a responsible for Stem Cell Research and Development and Embryology Laboratory at Reproductive Health and Genetics Centre, Istanbul Memorial Hospital between 2006 and 2007. She was among the founders of the Centre for Stem Cell and Gene Therapies Research and Application (SCGTR) and Department of Stem Cell at Kocaeli University. She studied as head of the Human Stem Cell Laboratory in this centre and Stem Cell Department between 2007 and 2014. She established the Cellular Therapy and Stem Cell Production Application and Research Centre (ESTEM) and Department of Stem Cell 2014 at Eskişehir Osmangazi University. Throughout her academic carrier, she has been many research papers on stem cells and cell biology published in various international scientific journals, many awards and citations. Her main interests are tissue regeneration and engineering; immune modulation; mesenchymal and embryonic stem cells, iPSCs, diabetes and cancer stem cells. She has participated in various evaluation procedures of national research projects and has been appointed as a referee for the evaluation of many articles submitted for publication in international scientific journals. She is the co-author of 5 books on Stem Cells. She organized over 23 national and international workshops on basic stem cell technologies, embryonic and induced pluripotent stem cells and PGD in embryo. She participated in over 40 research projects as project manager or researcher. She is serving as a reviewer for several national funding agencies and The

Scientific and Technical Research Council of Turkey. She is also an active member of many academic and professional institutions including Turkish Society of Histology and Embryology, Turkish Society for Electron Microscopy, Stem Cell and Cell Therapies Society. She is also an active referee for over 15 scientific journals. Dr Eker Sariboyaci is head of the Department of Stem Cell and director of Cellular Therapy and Stem Cell Production Application and Research Centre (ESTEM).

Dissertations

Doctorate, Sistemik, otokrin ve parakrin etkili β -endorfin ve oosit/embiryo ileri gelişim medyumlarının sıçan pre-antral follikülerinin in vitro gelişimi üzerindeki etkileri, Eskisehir Osmangazi University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Histoloji Ve Embriyoloji (Dr), 2004

Postgraduate, Farklı dalga boylarındaki ışıktaki yetiştirilen dişi sıçanların uzun gün fotoperiyodunda glandula pineale ve genital sistem etkileşimleri, Eskisehir Osmangazi University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Histoloji Ve Embriyoloji (YI) (Tezli), 1997

Research Areas

Histology and Embryology, Life Sciences, Health Sciences, Natural Sciences

Academic Titles / Tasks

Associate Professor, Eskisehir Osmangazi University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Department of Stem Cell, 2018 - Continues

Associate Professor, Eskisehir Osmangazi University, HÜCRESEL TEDAVİ VE KÖK HÜCRE ÜRETİMİ UYGULAMA VE ARAŞTIRMA MERKEZİ, Hücresel Tedavi ve Kök Hücre, 2017 - Continues

Assistant Professor, Eskisehir Osmangazi University, HÜCRESEL TEDAVİ VE KÖK HÜCRE ÜRETİMİ UYGULAMA VE ARAŞTIRMA MERKEZİ, Hücresel Tedavi ve Kök Hücre, 2014 - 2017

Assistant Professor, Kocaeli University, Kök Hücre Ve Gen Tedavileri Araştırma Ve Uygulama Merkezi (Kögem), 2007 - 2017

Research Assistant, Eskisehir Osmangazi University, TIP FAKÜLTESİ, TEMEL TIP BİLİMLERİ BÖLÜMÜ, 1994 - 2005

Academic and Administrative Experience

Eskisehir Osmangazi University, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, Kök Hücre Anabilim Dalı (Disiplinlerarası), 2019 - Continues

Director of the Center, Eskisehir Osmangazi University, HÜCRESEL TEDAVİ VE KÖK HÜCRE ÜRETİMİ UYGULAMA VE ARAŞTIRMA MERKEZİ, Hücresel Tedavi ve Kök Hücre, 2015 - Continues

Eskisehir Osmangazi University, Sağlık Hizmetleri Meslek Yüksekokulu, 2015 - Continues

Courses

Sitoloji, Undergraduate, 2020 - 2021

KÖK HÜCRE KÜLTÜRÜ VE ASEPTİK YÖNTEMLER, Doctorate, 2017 - 2018

EMBRİYONİK KÖK HÜCRE BİYOLOJİSİ, Doctorate, 2017 - 2018

KÖK HÜCRELERİN GENOM REGÜLASYONU, Doctorate, 2017 - 2018

İNSAN REJENERASYONU, Doctorate, 2017 - 2018

PLURİPOTENT KÖK HÜCRELER, Doctorate, 2017 - 2018

MEZENKİMAL KÖK HÜCRE BİYOLOJİSİ, Doctorate, 2017 - 2018
İNDÜKLENMİŞ PLURİPOTENT KÖK HÜCRELER, Doctorate, 2017 - 2018
TRANSLASYONEL KÖK HÜCRE TIBBİ, Doctorate, 2017 - 2018
KÖK HÜCRE KÜLTÜRÜ VE ASEPTİK YÖNTEMLER, Postgraduate, 2017 - 2018

Advising Theses

Eker Sarıboyacı A., KLİNİK UYGULAMAYA YÖNELİK ÜRETİM SERİSİNİN FARKLI BASAMAKLARINDAN ELDE EDİLEN KLİNİK KALİTEDEKİ MEZENKİMAL KÖK HÜCRE SON ÜRÜNLERİNİN KARAKTERİZASYON ANALİZİ, Doctorate, İ.YILMAZ(Student), 2024
Eker Sarıboyacı A., WHARTON JELİ KÖKENLİ MEZENKİMAL KÖK HÜCRELERİN (iWJ-MKH'lerin) İMMÜNOMODULATUVAR ÖZELLİKLERİ, Postgraduate, F.GAKHIYEVA(Student), 2024
Eker Sarıboyacı A., Dirençli akciğer kanser kök hücrelerine moleküler mühendislik ile hedeflendirilmiş eksozom- enkapsüle siRNA'larla hücrelerdeki ilaç direncinin önlenmesi, Doctorate, B.DEMİR(Student), 2024
Eker Sarıboyacı A., Kemik iliği kaynaklı mezenkimal kök hücre tabakası ile birlikte 3-boyutlu adacık dokusunun subkutan naklinin diyabetik sıçan modelinde etkinliğinin araştırılması, Postgraduate, B.ÖNCEL(Student), 2014
Eker Sarıboyacı A., Pankreatik adacık mikro çevresinde kültüre edilen fare embriyonik kök hücrelerin insülin üreten hücrelere farklılaşma potansiyeli, Postgraduate, İ.YILMAZ(Student), 2013

Taught Courses And Trainings

Eker Sarıboyacı A., Uysal O., Adipoz tissue derived stem cell isolation, 2020 - 2020

Designed Courses And Trainings

Eker Sarıboyacı A., Uysal O., "Kök Hücre Bölge Toplantıları IV" Sempozyumu, February 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluation of the Effect of Breast Milk Storage Conditions on the Viability of Cells in Breast Milk: A Pilot Study**
SÜRMEİ ONAY Ö., TUTAL M., Altug B., AYDEMİR Ö., BARSAN KAYA T., EKER SARIBOYACI A., TEKİN A. N.
Indian Journal of Pediatrics, vol.91, no.10, pp.1084, 2024 (SCI-Expanded)
- II. **Establishment, culture and characterization of gemcitabine hydrochloride-resistant human non-small cell lung carcinoma cell line derived cancer stem cells**
Cevizlidere B., Uysal O., Avci H., Bagis S. G., Sevimli T., Dincer M., Ekenel E. Q., Kara S. G., Soykan M. N., Sarıboyacı A.
Cell Biochemistry and Function, vol.42, no.4, 2024 (SCI-Expanded)
- III. **Molecular Separation by Using Active and Passive Microfluidic chip Designs: A Comprehensive Review**
Ebrahimi A., İÇÖZ K., Didarian R., Shih C., Tarim E. A., Nasseri B., AKPEK A., Cecen B., Bal-Ozturk A., Güleç K., et al.
Advanced Materials Interfaces, vol.11, no.2, 2024 (SCI-Expanded)
- IV. **Crosstalk among miR-29, α -SMA, and TGF β 1/ β 3 in melatonin-induced exosome (Mel-prExo) treated human limbal mesenchymal stem cells (hLMSCs): An insight into scarless healing of the cornea**
Altug B., Soykan M. N., Eyubova S., Eker Sarıboyacı A., Dogan C., Ozalp O., Atalay E.
BioFactors, 2024 (SCI-Expanded)
- V. **Stem Cell-Based or Cell-Free Gene Therapy in Chondrocyte Regeneration: Synovial Fluid-Derived Mesenchymal Stem Cell Exosomes.**
Uysal O., Erybeh H., Canbek M., Ekenel E. Q., Gunes S., Büyükköroğlu G., Semerci Sevimli T., Cemrek F., Sarıboyacı A.

Current molecular medicine, vol.24, pp.906-919, 2024 (SCI-Expanded)

- VI. **Novel fluorescent sensors based on coumarin-hydrazide-hydrazone hybrid for the detection of CN-, Co²⁺ and Ni²⁺ ions: DFT and bioimaging in living cells**
Turhan O., YAMAN M., DİKMEN G., NURAL Y., SARIBOYACI A. (., Tasa B., Soykan M. N., SEFEROĞLU Z.
JOURNAL OF MOLECULAR LIQUIDS, vol.392, 2023 (SCI-Expanded)
- VII. **Developing a Novel Platelet-Rich Plasma-Laden Bioadhesive Hydrogel Contact Lens for the Treatment of Ocular Surface Chemical Injuries**
Soykan M. N., Altug B., Bas H., Ghorbanpoor H., Avci H., Eroglu S., Sengel S., Sariboyaci A., Bagis S., Uysal O., et al.
MACROMOLECULAR BIOSCIENCE, vol.23, no.12, 2023 (SCI-Expanded)
- VIII. **CLINICAL-GRADE HUMAN SYNOVIAL FLUID-DERIVED MESENCHYMAL STEM CELLS FOR DEGENERATIVE MENISCUS THERAPY**
Uysal O., Avci H., Bagis S. G., Semerci Sevimli T., Ozel C., Cevizlidere B., Soykan M. N., Kara S. G., Ekenel E. Q., Tasa B. A., et al.
CYTOTHERAPY, no.6, 2023 (SCI-Expanded)
- IX. **Comparison of exosomes secreted by synovial fluid-derived mesenchymal stem cells and adipose tissue-derived mesenchymal stem cells in culture for microRNA-127-5p expression during chondrogenesis**
Semerci Sevimli T., Sevimli M., Qomi Ekenel E., Altuğ Tasa B., Nur Soykan M., Demir Güçlüer Z., İnan U., Uysal O., Güneş Bağış S., Çemrek F., et al.
GENE, vol.865, 2023 (SCI-Expanded)
- X. **A multifunctional sateen woven dressings for treatment of skin injuries**
Ozel C., Apaydin E., EKER SARIBOYACI A., Tamayol A., AVCI H.
Colloids and Surfaces B: Biointerfaces, vol.224, 2023 (SCI-Expanded)
- XI. **The potential therapeutic effect of klotho on cell viability in human colorectal adenocarcinoma HT-29 cells**
EKER SARIBOYACI A., UYSAL O., Soykan M. N., Gunes S.
Medical Oncology, vol.39, no.12, 2022 (SCI-Expanded)
- XII. **Bio-engineering of 3-D cell sheets for diabetic rats: Interaction between mesenchymal stem cells and beta cells in functional islet regeneration system**
Duman B. O., EKER SARIBOYACI A., Karaoz E.
Tissue and Cell, vol.79, 2022 (SCI-Expanded)
- XIII. **Enhancement of Apo2L/TRAIL signaling pathway receptors by the activation of Klotho gene with CRISPR/Cas9 in Caco-2 colon cancer cells**
Güneş S., Soykan M. N., Eker Sariboyacı A., Uysal O., Sevimli T. S.
MEDICAL ONCOLOGY, vol.38, no.12, 2021 (SCI-Expanded)
- XIV. **Bornyl acetate and 6-gingerol present cytotoxic and apoptotic affect on human breast cancer cells and human breast cancer stem cells**
Tomsuk Ö., Kaçar S., Şahintürk V., Eker Sariboyacı A.
Turkish Journal Of Biochemistry-Türk Biyokimya Dergisi, vol.46, no.S1, pp.67-68, 2021 (SCI-Expanded)
- XV. **Age-related changes in the immunomodulatory effects of human dental pulp derived mesenchymal stem cells on the CD4+ T cell subsets**
Özgül Özdemir R. B., Özdemir A. T., Kırmaz C., Eker Sariboyacı A., Karaöz E., Erman G., Vatansever H. S., Mete Gökmen N.
Cytokine, vol.138, 2021 (SCI-Expanded)
- XVI. **The role of prokineticins in recurrent implantation failure**
Karaer A., Tuncay G., Uysal O., Semerci Sevimli T., Sahin N., Karabulut Doğan Ü., Sariboyacı A. (.
JOURNAL OF GYNECOLOGY OBSTETRICS AND HUMAN REPRODUCTION, vol.49, no.9, 2020 (SCI-Expanded)
- XVII. **Flexible poly(styrene-ethylene-butadiene-styrene) hybrid nanofibers for bioengineering and water filtration applications**
Avci H., Akkulak E., Gergeroglu H., Ghorbanpoor H., Uysal O., Eker Sariboyacı A., Demir B., Soykan M. N., Pat S., Mohammadigharehbagh R., et al.

Journal of Applied Polymer Science, vol.137, no.26, 2020 (SCI-Expanded)

- XVIII. **The investigation of immunomodulatory effects of adipose tissue mesenchymal stem cell educated macrophages on the CD4 T cells**
Ozdemir R. B. O., Ozdemir A. T., EKER SARIBOYACI A., UYSAL O., TUĞLU M. İ., Kirmaz C.
IMMUNOBIOLOGY, vol.224, no.4, pp.585-594, 2019 (SCI-Expanded)
- XIX. **The effects of mesenchymal stem cell on the macrophage phenotype**
Özdemir A. T., Özgül Özdemir R. B., Eker Sariboyacı A., Uysal O., Tuğlu M. İ., Şenol İ., Berdeli A.
European Journal Of Immunology, vol.48, no.1, pp.157, 2018 (SCI-Expanded)
- XX. **Cell and Tissue Culture: The Base of Biotechnology**
Uysal O., Semerci Sevimli T., Sevimli M., Güneş S., Eker Sariboyacı A.
OMICS TECHNOLOGIES AND BIO-ENGINEERING: TOWARDS IMPROVING QUALITY OF LIFE, VOL 1: EMERGING FIELDS, ANIMAL AND MEDICAL BIOTECHNOLOGIES, pp.391-429, 2018 (SCI-Expanded)
- XXI. **Comparative Analyses of Immunosuppressive Characteristics of Bone-Marrow, Wharton's Jelly, and Adipose Tissue-Derived Human Mesenchymal Stem Cells**
Karaoz E., Demircan P. C., Erman G., Gungorurler E., EKER SARIBOYACI A.
TURKISH JOURNAL OF HEMATOLOGY, vol.34, no.3, pp.213-225, 2017 (SCI-Expanded)
- XXII. **The paracrine immunomodulatory interactions between the human dental pulp derived mesenchymal stem cells and CD4 T cell subsets**
Ozdemir A. T., Ozdemir R. B. O., Kirmaz C., EKER SARIBOYACI A., Halbutogllari Z. S. U., Ozel C., Karaoz E.
CELLULAR IMMUNOLOGY, vol.310, pp.108-115, 2016 (SCI-Expanded)
- XXIII. **Differentiation Potential of Mouse Embryonic Stem Cells into Insulin Producing Cells in Pancreatic Islet Microenvironment**
Yilmaz I., EKER SARIBOYACI A., Subasi C., Karaoz E.
EXPERIMENTAL AND CLINICAL ENDOCRINOLOGY & DIABETES, vol.124, no.2, pp.120-129, 2016 (SCI-Expanded)
- XXIV. **Differentiation potential of mouse embryonic stem cells into insulin producing cells in pancreatic islet microenviroment**
Yilmaz I., EKER SARIBOYACI A., Okcu A., Subasi C., Karaoz E.
JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, vol.8, pp.140-141, 2014 (SCI-Expanded)
- XXV. **Immunomodulatory Properties of Pancreatic Islet-Derived Stem Cells Co-Cultured with T cells: Does It Contribute to the Pathogenesis of Type 1 Diabetes?**
EKER SARIBOYACI A., Demircan P. C., GACAR G., Unal Z. S., Erman G., Karaoz E.
EXPERIMENTAL AND CLINICAL ENDOCRINOLOGY & DIABETES, vol.122, no.3, pp.179-189, 2014 (SCI-Expanded)
- XXVI. **Immunoregulatory Properties of Mesenchymal Stem Cells: In Vitro and In Vivo**
Demircan P. C., EKER SARIBOYACI A., Karaoz E.
STEM CELLS: CURRENT CHALLENGES AND NEW DIRECTIONS, pp.29-58, 2013 (SCI-Expanded)
- XXVII. **A rare cause of non-immune hydrops fetalis: congenital sialidosis**
Tutak E., EKER SARIBOYACI A., Semiz A., Yilanlioglu N. C., Kara C.
TURK PEDIATRI ARSIVI-TURKISH ARCHIVES OF PEDIATRICS, vol.47, no.4, pp.290-293, 2012 (SCI-Expanded)
- XXVIII. **Immunoregulatory effects of human dental pulp-derived stem cells on T cells: comparison of transwell co-culture and mixed lymphocyte reaction systems**
Demircan P. C., EKER SARIBOYACI A., Unal Z. S., GACAR G., Subasi C., Karaoz E.
CYTOTHERAPY, vol.13, no.10, pp.1205-1220, 2011 (SCI-Expanded)
- XXIX. **STUDY ON THE IMMUNO-SUPPRESSIVE CHARACTERISTICS OF HUMAN DENTAL PULP DERIVED MESENCHYMAL STEM CELLS ON T CELLS IN-VITRO: INITIAL STUDY OUTPUTS**
Cetinalp P. D., Gacar G., EKER SARIBOYACI A., Karaoz E.
HAEMATOLOGICA-THE HEMATOLOGY JOURNAL, vol.95, pp.652, 2010 (SCI-Expanded)
- XXX. **THE EXAMINATION OF CYTOTOXIC EFFECT OF DENTAL PULP DERIVED MESENCHYMAL STEM CELLS AGAINST A-549 CANCER CELLS**
GACAR G., Cetinalp P. D., Eker A., Korkmaz S., Karaoz E.
HAEMATOLOGICA-THE HEMATOLOGY JOURNAL, vol.95, pp.665, 2010 (SCI-Expanded)
- XXXI. **Isolation and characterization of stem cells from pancreatic islet: pluripotency, differentiation**

potential and ultrastructural characteristics

Karaoz E., AYHAN S., Gacar G., Aksoy A., DURUKSU G., Okcu A., Demircan P. C., EKER SARIBOYACI A., Kaymaz F., KASAP M.

CYTOTHERAPY, vol.12, no.3, pp.288-303, 2010 (SCI-Expanded)

XXXII. **Isolation and in vitro characterisation of dental pulp stem cells from natal teeth**

Karaoz E., Dogan B. N., Aksoy A., Gacar G., Akyuz S., AYHAN S., Genc Z. S., Yuruker S., DURUKSU G., Demircan P. C., et al.

HISTOCHEMISTRY AND CELL BIOLOGY, vol.133, no.1, pp.95-112, 2010 (SCI-Expanded)

XXXIII. **Characterization of mesenchymal stem cells from rat bone marrow: ultrastructural properties, differentiation potential and immunophenotypic markers**

Karaoz E., Aksoy A., AYHAN S., EKER SARIBOYACI A., Kaymaz F., KASAP M.

HISTOCHEMISTRY AND CELL BIOLOGY, vol.132, no.5, pp.533-546, 2009 (SCI-Expanded)

XXXIV. **Effect of cigarette smoke and alpha-tocopherol (vitamin E) on fertilization, cleavage, and embryo development rates in mice: An experimental in vitro fertilization mice model study**

Hassa H., Gurer F., Tanir H. M., Kaya M., Gunduz N. B., EKER SARIBOYACI A., BAL C.

European Journal of Obstetrics and Gynecology and Reproductive Biology, vol.135, no.2, pp.177-182, 2007 (SCI-Expanded)

XXXV. **Response of the pineal gland in rats exposed to three different light spectra of short periods**

Aral E., Uslu S., Sunal E., EKER SARIBOYACI A., Okar I., Aral E.

TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.30, no.1, pp.29-34, 2006 (SCI-Expanded)

XXXVI. **Protective effect of Fucoidin (a neutrophil rolling inhibitor) on ischemia reperfusion injury: Experimental study in rat epigastric island flaps**

Cetin C., KÖSE A. A., Aral E., Colak O., Ercel C., Karabagli Y., Ozyilmaz M., Alatas O., Eker A.

ANNALS OF PLASTIC SURGERY, vol.47, no.5, pp.540-546, 2001 (SCI-Expanded)

Articles Published in Other Journals

I. **Investigation of Apoptotic Effect of Klotho Protein on Human Colorectal Cancer Cells via TRAIL Death Receptors**

GÜNEŞ BAĞIŞ S., UYSAL O., M. N. S., EKER SARIBOYACI A.

Adıyaman Üniversitesi Fen Bilimleri Dergisi, vol.12, no.2, pp.324-337, 2022 (Scopus)

II. **Rekombinant klotho proteininin insan kolorektal kanser hücreleri üzerindeki apoptotik etkilerinin değerlendirilmesi**

AKYILDIZ ÜSTÜNER D., BAĞIŞ S. G., EKER SARIBOYACI A., UYSAL O., SEMERCİ SEVİMLİ T., M. N. S.

BIOLOGICAL DIVERSITY AND CONSERVATION, vol.15, no.2, pp.134-142, 2022 (Peer-Reviewed Journal)

III. **The Smallest Workers in Regenerative Medicine: Stem Cell-Derived Exosomes**

Öner Ö., Kara S. G., Karakaya İ., Eker Sarıboyacı A., Uysal O., Güneş S., Avcı H.

vol.3, no.2, pp.58-67, 2022 (Peer-Reviewed Journal)

IV. **Evaluation of the Effect of Circulating lncRNAs in Colorectal Cancers: As a Potential Biomarker**

ARSLAN S., DİNCER M., BAYIR D., EKER SARIBOYACI A., ERZURUMLUOĞLU GÖKALP E., KOCAGİL S., ARIK D., ÖZEN H., DURAK ARAS B., ARTAN S., et al.

TURK ONKOLOJİ DERGİSİ, vol.37, pp.305-313, 2022 (ESCI)

V. **Design Alginate Based Blends for Living Composite Fibers to Promote Wound Healing**

Özel C., Şengel T., Ebrahimi A., Apaydın E., Ghorbanpoor H., Eker Sarıboyacı A., Uysal O., Özkurt M., Avcı H.

Eskişehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, vol.22, no.SPECIAL ISSUE 2021, pp.98-111, 2021 (Peer-Reviewed Journal)

VI. **Four-Dimensional Printing Technology at the Frontier of Advanced Modeling and Applications in Brain Tissue Engineering**

SOYKAN M. N., ŞENGEL T., Ebrahimi A., ALTUĞ TASA B., GHORBANPOOR H., UYSAL O., EKER SARIBOYACI A., AVCI H.

Journal of Medical Innovation and Technology, vol.3, no.2, pp.46-57, 2021 (Peer-Reviewed Journal)

- VII. **Differentiation of human bone marrow-derived mesenchymal stem cells into functional pancreatic beta cells**
Eker Sarıboyacı A., Uysal O., Güneş S.
Medicine Science, vol.10, no.3, pp.951-958, 2021 (Peer-Reviewed Journal)
- VIII. **Investigation of 3D Culture of Human Adipose Tissue-Derived Mesenchymal Stem Cells in a Microfluidic Platform**
Özel C., Koç Y., Topal A. E., Ebrahimi A., Şengel T., Ghorbanpoor H., Doğan Güzel F., Uysal O., Eker Sarıboyacı A., Avcı H.
Eskişehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering, vol.22, no.SPECIAL ISSUE 2021, pp.85-97, 2021 (Peer-Reviewed Journal)
- IX. **The Effect of Wnt/Beta-Catenin Signaling Pathway in Osteogenic Differentiation Stages of Human Adipose Tissue Derived Mesenchymal Stem Cells**
Eker Sarıboyacı A., Uysal O., Avcı H., Semerci Sevimli T., Ghorbanı A., Koç Y.
6. Uluslararası Erciyes Bilimsel Araştırmalar Kongre Kitapçığı, vol.6, no.6, pp.4-6, 2021 (Conference Book)
- X. **İnsan Amniyon Sıvısı Kökenli Mezenkimal Kök Hücrelerin İmmunsupresyon Etkileri: Treg Regülasyonu**
Uysal O., Semerci Sevimli T., Güneş S., Tokhi A. F., Özel C., Eker Sarıboyacı A.
Celal Bayar Üniversitesi Sağlık Bilimleri Enstitüsü Dergisi, vol.6, no.4, pp.313-321, 2019 (Peer-Reviewed Journal)
- XI. **Gpse Grape Seed Proanthocyanidin Extract Simvastatin and Silymarin Effect on High Cholesterol Fed Animals**
ARAL E., SUNAL E., KILIÇ F. S., USLU S., ÖNER K. S., EKER SARIBOYACI A., BURUKOĞLU DÖNMEZ D., KILIÇOĞLU M.
ANADOLU UNIVERSITY JOURNAL OF SCIENCE AND TECHNOLOGY –C, vol.2, no.2, pp.101-117, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

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Memberships / Tasks in Scientific Organizations

STEM CELLS AND CELLULAR THERAPY ASSOCIATION, Member of Advisory Board, 2013 - Continues, Turkey

Scientific Refereeing

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Scientific Consultations

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Scientific Research / Working Group Memberships

Hücresel Tedavi Ve Kök Hücre Üretim Uygulama Ve Araştırma Merkezi, Estem, Eskişehir Osmangazi University, Turkey, <https://estem.ogu.edu.tr/>, 2018 - Continues

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Non Academic Experience

İstanbul Memorial Hastanesi