

Prof. KAMİL CAN AKÇALI

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: W-1364-2017

ScopusID: 6602946467

Yoksis Researcher ID: 28731

Education Information

Doctorate, University of Cincinnati, United States Of America 1992 - 1998

Undergraduate, Ankara University, Ankara Tıp Fakültesi, Ankara Tıp Pr., Turkey 1981 - 1987

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, The Involvement of Bcl-2 Family Genes During Decidualization in vivo and in vitro, University of Cincinnati, 1998

Research Areas

Medicine, Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2013 - Continues

Assistant Professor, Ihsan Dogramaci Bilkent University, Faculty Of Science, Department Of Molecular Biology And Genetics, 1998 - 2013

Academic and Administrative Experience

Director of The Institution, Ankara University, Kök Hücre Enstitüsü, Kök Hücre ve Yenileyici Tıp Anabilim Dalı, 2022 - Continues

Ankara University, 2019 - Continues

Courses

Doctorate

Alan Uygulaması, Doctorate, 2015 - 2016

Seminer, Doctorate, 2015 - 2016

Uzmanlık Alan Dersi, Doctorate, 2015 - 2016

Moleküler Biyolojik Yöntemler, Doctorate, 2015 - 2016

Postgraduate

Genel Biyofizik, Postgraduate, 2015 - 2016

Dolaşım Sitemi biyofiziği, Postgraduate, 2015 - 2016

İnsan Biyolojisi, Postgraduate, 2015 - 2016

İnsan Fizyolojisi, Postgraduate, 2015 - 2016

Tıpta Bilimsel Araştırmaların Yeri ve Önemi, Postgraduate, 2013 - 2014

Advanced Developmental Biology, Postgraduate, 2012 - 2013, 2008 - 2009, 2004 - 2005

STEM CELL BIOLOGY, Postgraduate, 2009 - 2010, 2007 - 2008, 2005 - 2006

MBG-502 ADVANCED CELLULAR BIOLOGY, Postgraduate, 2007 - 2008, 2006 - 2007, 2003 - 2004

Undergraduate

Biyofizik (Diş Hekimliği), Undergraduate, 2015 - 2016

Biyofizik (tip), Undergraduate, 2015 - 2016

Biyofizik, Undergraduate, 2013 - 2014

Tıpta Bilimsel Araştırmaların Yeri ve Önemi, Undergraduate, 2013 - 2014

Stem Cell Biology, Undergraduate, 2012 - 2013

Developmental Biology, Undergraduate, 2012 - 2013, 2010 - 2011, 2009 - 2010, 2004 - 2005

MBG-316 Physiology, Undergraduate, 2011 - 2012, 2009 - 2010

MBG-102 BIOLOGY II, Undergraduate, 2011 - 2012, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002

INTRODUCTION TO MODERN BIOLOGY, Undergraduate, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

Introduction to Stem Cell Biology , Undergraduate, 2007 - 2008

MBG-105 Principles of Biology , Undergraduate, 2004 - 2005

MBG-101 Biology , Undergraduate, 2003 - 2004, 2002 - 2003, 2000 - 2001

MBG-487 Special Techniques in Molecular Genetics , Undergraduate, 2002 - 2003

MBG-104 Introduction to Molecular Biology, Undergraduate, 2002 - 2003

Supervised Theses

Akçalı K. C., Generation of patient specific iPSC-derived healthy organoids from primary colorectal cancer patients with/without metastasis and transcriptome analysis, Doctorate, Z.BÜŞRA(Student), 2023

Akçalı K. C., Dental kök hücrelerin kemiğe farklılaşmasında mikrobiyota ürünlerinin rolü, Postgraduate, M.HABİP(Student), 2023

Akçalı K. C., Erkek Germline Kök Hücre-Benzeri Hücrelerin Olgun Sperme In Vitro Farklılaşması ve In Vivo Spermatogenez Restorasyonuna Etkisi, Postgraduate, D.AYDOS(Student), 2023

Akçalı K. C., İnsan kemik iliği kaynaklı-mezenkimal kök hücre eksozomlarının kolorektal kanser (KRK) hücre hatları üzerindeki etkisinin araştırılması, Doctorate, Ö.COŞKUN(Student), 2022

Akçalı K. C., Ticagrelor ile muamele edilen mezenkimal kök hücrelerden elde edilen eksozomların hücre göçü ve yara iyileşmesi üzerindeki etkisi, Postgraduate, E.GÖKSOY(Student), 2022

Akçalı K. C., Karaciğer kanser kök hücre belirteçlerini tek hücre RNA dizilimi (SCRNA-SEQ) analizi ile saptama, Postgraduate, E.KOCAKAYA(Student), 2022

Akçalı K. C., İndüklenmiş pluripotent kök hücre eldesinde çinkonun rolü, Postgraduate, K.GENÇ(Student), 2022

AKÇALI K. C., Çinkonun karaciğer fibrozu üzerindeki genetik ve epigenetik etkisi, Postgraduate, Z.BÜŞRA(Student), 2019

AKÇALI K. C., Safran'ın parsiyal hepatektomi sonrası karaciğer rejenerasyonuna etkisinin PI3K/Akt/mTOR sinyal yolu

üzerinden belirlenmesi, Postgraduate, B.BERBER(Student), 2017
AKÇALI K. C., The use of nanoparticle labeling in cellular tracking, Doctorate, E.AKHAN(Student), 2015
AKÇALI K. C., Karaciğer fibrozisi ve kanserinin ilerlemesini engelleyici terapötik yaklaşımalar, Doctorate, M.MERVE(Student), 2015
AKÇALI K. C., Genetic and epigenetic effect of estrogen on mesenchymal stem cell maintenance and differentiation, Doctorate, C.VERDA(Student), 2013
AKÇALI K. C., Applications of biomaterials in cancer diagnosis and treatment, Postgraduate, D.GÖZEN(Student), 2013
AKÇALI K. C., Characterization of novel monoclonal antibodies that target proteins differentially expressed in hepatocellular carcinoma: A proteomics approach, Doctorate, E.ÖZTAŞ(Student), 2011
AKÇALI K. C., Role of estrogen on the maintenance and homing capacity of bone marrow derived rat mesenchymal stem cells, Doctorate, F.AYALOĞLU(Student), 2011
AKÇALI K. C., The role of FLT3 in hepatocellular carcinogenesis, Postgraduate, N.SUMRU(Student), 2010
AKÇALI K. C., Contribution of mesenchymal stem cells in cell based therapies, Doctorate, Z.TOKCAER(Student), 2010
AKÇALI K. C., Role of environmental factors in mesenchymal stem cell biology, Postgraduate, S.GÜLTEKİN(Student), 2009
AKÇALI K. C., Liver regeneration: Potential roles of mesenchymal stem cells and toll like receptors, Postgraduate, H.KOÇAK(Student), 2008
AKÇALI K. C., WNT/beta-catenin signaling pathway activation in epithelial cancers, Doctorate, K.BENHAJ(Student), 2006
AKÇALI K. C., Effect of estrogen on apoptotic regulatory mechanisms in mesenchymal stem cell maintenance, Postgraduate, E.TERZİOĞLU(Student), 2006

Jury Memberships

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Ankara Üniversitesi, November, 2024
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ankara Üniversitesi, October, 2024
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ege Üniversitesi, October, 2024
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ege Üniversitesi, October, 2024
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Ankara Üniversitesi, July, 2023
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Ankara Üniversitesi, June, 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Role of Zinc on Liver Fibrosis by Modulating ZIP14 Expression Throughout Epigenetic Regulatory Mechanisms**
Aksoy-Ozer Z. B., BİTİRİM C. V., TURAN B., AKÇALI K. C.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.202, no.11, pp.5094-5105, 2024 (SCI-Expanded)
- II. **Cardioprotective role of a magnolol and honokiol complex in the prevention of doxorubicin-mediated cardiotoxicity in adult rats**
Aktay I., BİTİRİM C. V., OLĞAR Y., DURAK A., TUNCAY E., BİLLUR D., AKÇALI K. C., TURAN B.
Molecular and Cellular Biochemistry, vol.479, no.2, pp.337-350, 2024 (SCI-Expanded)
- III. **Microbiota-Derived Postbiotics Enhance the Proliferative Effects of Growth Factors on Satellite Cells in Cultivated Meat Applications**
Celebi-Birand D., Genc K., Agun I., Erikci E., Akcali K. C., Kiran F.
SUSTAINABILITY, no.23, 2023 (SCI-Expanded)

- IV. Coffee-Derived Exosome-Like Nanoparticles: Are They the Secret Heroes?**
Kantarcıoğlu M., Yıldırım G., Akpinar Oktar P., Yanbakan S., Özer Z. B., Yurtsever Sarıca D., Taşdelen S., Bayrak E., Akın Bali D. F., ÖZTÜRK S., et al.
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.34, no.2, pp.78-86, 2023 (SCI-Expanded)
- V. Cardioprotective effect of extracellular vesicles derived from ticagrelor-pretreated cardiomyocyte on hyperglycemic cardiomyocytes through alleviation of oxidative and endoplasmic reticulum stress**
BİTİRİM C. V., ÖZER H. B., Aydos D., Genc K., Demirsoy S., AKÇALI K. C., TURAN B.
Scientific Reports, vol.12, no.1, 2022 (SCI-Expanded)
- VI. Estrogen receptor alpha regulates the expression of adipogenic genes genetically and epigenetically in rat bone marrow-derived mesenchymal stem cells**
V. Bitirim C. V., Ozer Z. B., AKÇALI K. C.
PEERJ, 2021 (SCI-Expanded)
- VII. 2D MXenes with antiviral and immunomodulatory properties: A pilot study against SARS-CoV-2**
ÜNAL M. A., Bayrakdar F., Fusco L., Besbinar O., Shuck C. E., Yalcin S., TÜRKTAŞ ERKEN M., ÖZKUL A., Gurcan C., PANATLI O., et al.
NANO TODAY, vol.38, 2021 (SCI-Expanded)
- VIII. Graphene Oxide Nanosheets Interact and Interfere with SARS-CoV-2 Surface Proteins and Cell Receptors to Inhibit Infectivity**
ÜNAL M. A., Bayrakdar F., NAZIR H., Besbinar O., Gurcan C., Lozano N., Arellano L. M., Yalcin S., PANATLI O., Celik D., et al.
SMALL, vol.17, no.25, 2021 (SCI-Expanded)
- IX. Generation and characterization of human induced pluripotent stem cell line METUi001-A from a 25-year-old male patient with relapsing-remitting multiple sclerosis**
BEGENTAŞ O. C., Koc D., Yurtogullari S., Temel M., AKÇALI K. C., Demirkaya S., KİRİŞ E.
STEM CELL RESEARCH, vol.53, 2021 (SCI-Expanded)
- X. Ribavirin shows antiviral activity against SARS-CoV-2 and downregulates the activity of TMPRSS2 and the expression of ACE2 in vitro**
ÜNAL M. A., BİTİRİM C. V., Summak G. Y., BEREKETOĞLU NERGİS S., Zeytin I. C., Besbinar O., Gurcan C., Aydos D., Goksoy E., Kocakaya E., et al.
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, no.5, pp.449-460, 2021 (SCI-Expanded)
- XI. Human Gut Commensal Membrane Vesicles Modulate Inflammation by Generating M2-like Macrophages and Myeloid-Derived Suppressor Cells**
Bulut E. A., Kocabas B. B., Yazar V., Aykut G., GÜLER Ü., SALİH B., Yilmaz N. S., AYANOĞLU İ. C., Polat M. M., AKÇALI K. C., et al.
JOURNAL OF IMMUNOLOGY, vol.205, no.10, pp.2707-2718, 2020 (SCI-Expanded)
- XII. Differential expression of genes participating in cardiomyocyte electrophysiological remodeling via membrane ionic mechanisms and Ca²⁺-handling in human heart failure**
Kepenek E. S., ÖZÇINAR E., TUNCAY E., AKÇALI K. C., AKAR A. R., Turan B.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.463, no.1-2, pp.33-44, 2020 (SCI-Expanded)
- XIII. A CD34+Cell Enrichment Protocol of Hematopoietic Stem Cells in a Well-Established Quality Management System**
Kılıç P., Bay M., Yıldırım Y., Coskun Ö., Seker Ş., Baydın P., Ulker O. L., Parmaksız M., Çubukcuoğlu Deniz G., Yilmazer Aktuna A., et al.
CELLS TISSUES ORGANS, vol.207, no.1, pp.15-20, 2019 (SCI-Expanded)
- XIV. Increased free Zn²⁺ correlates induction of sarco(endo)plasmic reticulum stress via altered expression levels of Zn²⁺-transporters in heart failure**
OLĞAR Y., DURAK A., TUNCAY E., BİTİRİM C. V., ÖZÇINAR E., İNAN M. B., TOKCAER KESKİN Z., AKÇALI K. C., AKAR A. R., Turan B.
JOURNAL OF CELLULAR AND MOLECULAR MEDICINE, vol.22, no.3, pp.1944-1956, 2018 (SCI-Expanded)
- XV. Age-and sex-dependent alteration of functions and epigenetic modifications of vessel and endothelium related biomarkers**

- HAN S., Aydin M. M., Akansel S., Usanmaz S. E., Akcali C., ULUDAĞ M. O., Yilmaz E.
Turkish Journal of Biology, vol.42, no.4, pp.286-296, 2018 (SCI-Expanded)
- XVI. Liver fibrosis
Aydin M. M., AKÇALI K. C.
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.29, no.1, pp.14-21, 2018 (SCI-Expanded)
- XVII. Role of FLT3 in the proliferation and aggressiveness of hepatocellular carcinoma
Aydin M. M., Bayin N. S., ACUN T., Yakicier M. C., AKÇALI K. C.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.46, no.2, pp.572-581, 2016 (SCI-Expanded)
- XVIII. A new tool for differentiating hepatocellular cancer cells: Patterned carbon nanotube arrays
Kucukayan-Dogu G., Gozen D., Bitirim V., AKÇALI K. C., BENGÜ E.
APPLIED SURFACE SCIENCE, vol.351, pp.27-32, 2015 (SCI-Expanded)
- XIX. Nanoparticle Labeling of Bone Marrow-Derived Rat Mesenchymal Stem Cells: Their Use in Differentiation and Tracking
Akhan E., TUNCEL D., AKÇALI K. C.
BIOMED RESEARCH INTERNATIONAL, vol.2015, 2015 (SCI-Expanded)
- XX. Resveratrol affects histone 3 lysine 27 methylation of vessels and blood biomarkers in DOCA salt-induced hypertension
HAN S., ULUDAĞ M. O., Usanmaz S. E., Ayaloglu-Butun F., AKÇALI K. C., DEMİREL YILMAZ E.
MOLECULAR BIOLOGY REPORTS, vol.42, no.1, pp.35-42, 2015 (SCI-Expanded)
- XXI. Examination of fabrication conditions of acrylate-based hydrogel formulations for doxorubicin release and efficacy test for hepatocellular carcinoma cell
BAYRAMOĞLU G., Gozen D., Ersoy G., Ozalp V. C., AKÇALI K. C., Arica M. Y.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.25, no.7, pp.657-678, 2014 (SCI-Expanded)
- XXII. Patterned carbon nanotubes as a new three-dimensional scaffold for mesenchymal stem cells
BİTİRİM C. V., Kucukayan-Dogu G., BENGÜ E., AKÇALI K. C.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.33, no.5, pp.3054-3060, 2013 (SCI-Expanded)
- XXIII. Imetelstat (a telomerase antagonist) exerts off-target effects on the cytoskeleton
Mender I., ŞENTÜRK Ş., Ozgunes N., AKÇALI K. C., Kletsas D., Gryaznov S., CAN A., Shay J. W., DİKMEN Z. G.
INTERNATIONAL JOURNAL OF ONCOLOGY, vol.42, no.5, pp.1709-1715, 2013 (SCI-Expanded)
- XXIV. Poly (hydroxyethyl methacrylate-glycidyl methacrylate) films modified with different functional groups: In vitro interactions with platelets and rat stem cells
BAYRAMOĞLU G., Bitirim V., TUNALI Y., Arica M. Y., AKÇALI K. C.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.33, no.2, pp.801-810, 2013 (SCI-Expanded)
- XXV. The Effect of Estrogen on Bone Marrow-Derived Rat Mesenchymal Stem Cell Maintenance: Inhibiting Apoptosis Through the Expression of Bcl-x(L) and Bcl-2
Ayaloglu-Butun F., Terzioglu-Kara E., TOKCAER KESKİN Z., AKÇALI K. C.
STEM CELL REVIEWS AND REPORTS, vol.8, no.2, pp.393-401, 2012 (SCI-Expanded)
- XXVI. Apoptotic Vascular Smooth Muscle Cell Depletion via BCL2 Family of Proteins in Human Ascending Aortic Aneurysm and Dissection
Durdu S., ÇUBUKÇUOĞLU DENİZ G., BALCI D., Zaim C., Dogan A., CAN A., AKÇALI K. C., AKAR A. R.
CARDIOVASCULAR THERAPEUTICS, vol.30, no.6, pp.308-316, 2012 (SCI-Expanded)
- XXVII. Mammalian Telomeric DNA Suppresses Endotoxin-induced Uveitis
Yagci F. C., Aslan O., GÜRSEL M., Tincer G., Ozdamar Y., Karatepe K., AKÇALI K. C., GÜRSEL İ.
JOURNAL OF BIOLOGICAL CHEMISTRY, vol.285, no.37, pp.28806-28811, 2010 (SCI-Expanded)
- XXVIII. Transforming Growth Factor-Beta Induces Senescence in Hepatocellular Carcinoma Cells and Inhibits Tumor Growth
ŞENTÜRK Ş., Mumcuoglu M., Gursoy-Yuzugullu O., Cingoz B., AKÇALI K. C., Ozturk M.
HEPATOLOGY, vol.52, no.3, pp.966-974, 2010 (SCI-Expanded)
- XXIX. Expression levels of TRPC1 and TRPC6 ion channels are reciprocally altered in aging rat aorta:

- implications for age-related vasospastic disorders**
 ERAÇ Y., SELLİ KARAKAYA Ç., KOSOVA B., AKÇALI K. C., Tosun M.
 AGE, vol.32, no.2, pp.223-230, 2010 (SCI-Expanded)
- XXX. The Ability to Generate Senescent Progeny as a Mechanism Underlying Breast Cancer Cell Heterogeneity**
 Mumcuoglu M., Bagislar S., Yuzugullu H., Alotaibi H., ŞENTÜRK Ş., TELKOPARAN AKILLILAR P., Gur-Dedeoglu B., Cingoz B., Bozkurt B., Tazebay U. H., et al.
 PLOS ONE, vol.5, no.6, 2010 (SCI-Expanded)
- XXXI. The Effect of Telomerase Template Antagonist GRN163L on Bone-Marrow-Derived Rat Mesenchymal Stem Cells is Reversible and Associated with Altered Expression of Cyclin d1, cdk4 and cdk6**
 TOKCAER KESKİN Z., DİKMEN Z. G., Ayaloglu-Butun F., Gultekin S., Gryaznov S. M., AKÇALI K. C.
 STEM CELL REVIEWS AND REPORTS, vol.6, no.2, pp.224-233, 2010 (SCI-Expanded)
- XXXII. 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., AKÇALI K. C., et al.
 MOLECULAR CANCER, vol.8, 2009 (SCI-Expanded)
- XXXIII. Timing of induction of cardiomyocyte differentiation for in vitro cultured mesenchymal stem cells: a perspective for emergencies**
 Tokcaer-Keskin Z., AKAR A. R., Ayaloglu-Butun F., Terzioglu-Kara E., Durdu S., Ozyurda U., UĞUR M., AKÇALI K. C.
 CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.87, no.2, pp.143-150, 2009 (SCI-Expanded)
- XXXIV. Failing heart; remodel, replace or repair?**
 AKAR A. R., Durdu S., ÇUBUKÇUOĞLU DENİZ G., Aslan A., AKÇALI K. C., Oozyurda U.
 ANATOLIAN JOURNAL OF CARDIOLOGY, vol.8, pp.148-157, 2008 (SCI-Expanded)
- XXXV. Alternatively spliced Robo2 isoforms in zebrafish and rat**
 Dalkic E., Kuscu C., Sucularli C., Aydin I. T., AKÇALI K. C., Konu O.
 DEVELOPMENT GENES AND EVOLUTION, vol.216, no.9, pp.555-563, 2006 (SCI-Expanded)
- XXXVI. Redundant expression of canonical Wnt ligands in human breast cancer cell lines**
 Benhaj K., AKÇALI K. C., Ozturk M.
 ONCOLOGY REPORTS, vol.15, no.3, pp.701-707, 2006 (SCI-Expanded)
- XXXVII. Reprogramming of replicative senescence in hepatocellular carcinoma-derived cells**
 Ozturk N., Erdal E., Mumcuoglu M., AKÇALI K. C., Yalcin O., ŞENTÜRK Ş., Arslan-Ergul 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)
- XXXVIII. The role of bcl-2 family of genes during kindling**
 AKÇALI K. C., Sahiner M., Sahiner T.
 EPILEPSIA, vol.46, no.2, pp.217-223, 2005 (SCI-Expanded)
- XXXIX. Expression of bcl-2 gene family during resection induced liver regeneration: Comparison between hepatectomized and sham groups**
 AKÇALI K. C., Dalgic A., Ucar A., Ben Haj K., Guvenc D.
 WORLD JOURNAL OF GASTROENTEROLOGY, vol.10, no.2, pp.279-283, 2004 (SCI-Expanded)
- XL. The involvement of apoptotic regulators during in vitro decidualization**
 AKÇALI K. C., Gibori G., Khan S.
 EUROPEAN JOURNAL OF ENDOCRINOLOGY, vol.149, no.1, pp.69-75, 2003 (SCI-Expanded)
- XLI. Participation of the melanocortin-1 receptor in the UV control of pigmentation**
 Suzuki I., Im S., Tada A., Scott C., AKÇALI K. C., Davis M., Barsh G., Hearing V., Abdel-Malek Z.
 JOURNAL OF INVESTIGATIVE DERMATOLOGY SYMPOSIUM PROCEEDINGS, vol.4, no.1, pp.29-34, 1999 (SCI-Expanded)
- XLII. The melanocortin-1 receptor and human pigmentation**
 Abdel-Malek Z., Suzuki I., Tada A., Im S., AKÇALI K. C.
 CUTANEOUS NEUROIMMUNOMODULATION: THE PROPIO-MELANOCORTIN SYSTEM, vol.885, pp.117-133, 1999

- (SCI-Expanded)
- XLIII. Progesterone withdrawal and RU-486 treatment stimulate apoptosis in specific uterine decidual cells**
Moulton B., Motz J., Serdoncillo C., AKÇALI K. C., Khan S.
CELL DEATH AND DIFFERENTIATION, vol.4, no.1, pp.76-81, 1997 (SCI-Expanded)
- XLIV. Effect of decidualization on the expression of bax and bcl-2 in the rat uterine endometrium**
AKÇALI K. C., Khan S., Moulton B.
ENDOCRINOLOGY, vol.137, no.7, pp.3123-3130, 1996 (SCI-Expanded)
- XLV. MITOGENIC AND MELANOGENIC STIMULATION OF NORMAL HUMAN MELANOCYTES BY MELANOTROPIC PEPTIDES**
ABDELMALEK Z., SWOPE V., SUZUKI I., AKÇALI K. C., HARRIGER M., BOYCE S., URABE K., HEARING V.
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, vol.92, no.5, pp.1789-1793, 1995 (SCI-Expanded)
- XLVI. HORMONAL-REGULATION AND EXPRESSION OF THE JUN-D PROTOONCOGENE IN SPECIFIC CELL-TYPES OF THE RAT UTERUS**
NEPHEW K., WEBB D., AKÇALI K. C., MOULTON B., KHAN S.
JOURNAL OF STEROID BIOCHEMISTRY AND MOLECULAR BIOLOGY, vol.46, no.3, pp.281-287, 1993 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Three-Step Protocol to Differentiate iPSC into Colon Organoids.**
Aksoy Z. B., Akcali K. C.
Methods in molecular biology (Clifton, N.J.), vol.2835, pp.59-67, 2024 (Scopus)
- II. **An Enzyme-Free Method for Isolation and Expansion of Muscle Stem Cells for Cultivated Meat Applications.**
Genc K., Celebi-Birand D., Akcali K. C.
Methods in molecular biology (Clifton, N.J.), vol.2835, pp.249-259, 2024 (Scopus)
- III. **Generation of Induced Pluripotent Stem Cells from Erythroid Progenitor Cells.**
Aksoy Z. B., Akcali K. C.
Methods in molecular biology (Clifton, N.J.), vol.2835, pp.99-110, 2024 (Scopus)
- IV. **ANTIVIRAL ACTIVITY OF BETAFERON FOR COVID-19 BETAFERON'UN COVID-19 İÇİN ANTİVİRAL AKTİVİTESİ**
Bayrakdar F., ÖZKAN S. A., AKÇALI K. C.
Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.46, no.3, pp.883-895, 2022 (Scopus)
- V. **Beneficial Effect of a Mitochondrial-targeted Antioxidant Mitotempo in Insulin-resistant Mammalian Cardiac Dysfunction**
Bitirim C. V., Olğar Y., Billur D., Akçalı K. C., Turan B.
Ankara Üniversitesi Tıp Fakültesi Mecmuası, vol.74, no.2, pp.252-258, 2021 (Peer-Reviewed Journal)
- VI. **Administration of bone marrow derived mesenchymal stem cells modulate TLR expression during liver regeneration**
KOÇAK H., TOKCAER KESKİN Z., İNSAL B., GÜRSEL İ., AKÇALI K. C.
Trakya University Journal of Natural Sciences, vol.20, pp.1-10, 2019 (Peer-Reviewed Journal)

Papers Published in Refereed Scientific Meetings

- I. **Effects of BIFTEK supplement on the growth of bovine muscle satellite cells**
Gölpek S., Kiran F., Akçalı K. C.
International Scientific Conference on Cultured Meat, Maastricht, Netherlands, 17 - 19 November 2024, pp.1
- II. **Electrospinning of novel nanofibrous scaffolds for cultivated meat production**
Gölpek S., Kiran F., Akçalı K. C.

- International Scientific Conference on Cultured Meat, Maastricht, Netherlands, 17 - 19 November 2024, pp.1
- III. **Generation of Functional Gametes from Unipotent Male Germline Stem Cells Through Germline-Derived Pluripotent Stem Cells: New Hope for Male Infertility**
Aydos D., Aydos O. S., Aydos K., Akçalı K. C.
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- IV. **Human BM-MSC Exosomes Promotes Cell Proliferation, Migration and Invasion in Human Colorectal Cancer**
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Memberships / Tasks in Scientific Organizations

KBAG , Member of Advisory Board, 2022 - Continues, Turkey

Metrics

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Awards

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