

Assoc. Prof. BETÜL ÇELEBİ SALTİK

Personal Information

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Address: HACETTEPE ÜNİVERSİTESİ KÖK HÜCRE ARAŞTIRMA VE UYGULAMA MERKEZİ

Education Information

Doctorate, Laval Üniversite, -, Biyokimya, Canada 2008 - 2012

Postgraduate, Ankara University, Institute Of Biotechnology, Turkey 2005 - 2007

Foreign Languages

English, C1 Advanced

French, C1 Advanced

Dissertations

Doctorate, ÉTUDE DE LA DIFFÉRENCIATION DES CELLULES SOUCHES HÉMATOPOIÉTIQUES DANS DIFFÉRENTS ENVIRONNEMENTS, Laval Üniversite, Biyokimya, 2012

Postgraduate, Sıçan kemik iliği mezenkimal kök hücrelerinin proteom incelemesi, Ankara Üniversitesi, Biyoteknoloji Enstitüsü, Temel Biyoteknoloji (YI) (Tezli), 2007

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry, Life Sciences, Biochemistry, Proteomics, Biotechnology, Biomaterial, Bioreactor, Natural Sciences

Academic Titles / Tasks

Associate Professor, Hacettepe University, Sağlık Bilimleri Enstitüsü, Kök Hücre Bilimleri A.B.D., 2018 - Continues

Assistant Professor, Hacettepe University, Sağlık Bilimleri Enstitüsü, Kök Hücre Bilimleri A.B.D., 2017 - 2018

Lecturer, Hacettepe University, Sağlık Bilimleri Enstitüsü, Kök Hücre Bilimleri A.B.D., 2013 - 2017

Academic and Administrative Experience

Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Hacettepe University, Sağlık Bilimleri Enstitüsü, Kök Hücre Bilimleri A.B.D., 2021 - Continues

Birim Kalite Komisyonu Üyesi, Hacettepe University, Sağlık Bilimleri Enstitüsü, Kök Hücre Bilimleri A.B.D., 2020 - Continues

Ethics Committee Member, Hacettepe University, Sağlık Bilimleri Enstitüsü, Kök Hücre Bilimleri A.B.D., 2020 - Continues

Anabilim Dalı Akademik Kurul Üyesi, Hacettepe University, Sağlık Bilimleri Enstitüsü, Kök Hücre Bilimleri A.B.D., 2013 - Continues

Courses

BİYOMEKANİK ve BİYOMEDİKAL UYGULAMALAR, Doctorate, 2019 - 2020
KÖK HÜCRE BİLİMLERİNDE TEMEL KAVRAMLAR, Doctorate, 2019 - 2020
KHB601:KÖK HÜCRE VE HÜCRESEL TEDAVİ : TEMEL KAVRAMLAR-DOKU MÜHENDİSLİĞİ, Postgraduate, 2016 - 2017
KHB604:GELİŞİMİN TEMEL İLKELERİ-EMBRİYO VE FETÜS KAYNAKLI MULTİPOTENT KÖK HÜCRELER I, Postgraduate, 2016 - 2017
KHB604:GELİŞİMİN TEMEL İLKELERİ-MEZODERMİN İLERİ GELİŞİMİ, Postgraduate, 2016 - 2017
KHB602-KÖK HÜCRE YAPISININ MOLEKÜLER ESASLARI-Doku oluşumu ve mikroçevresel etkileşimler , Postgraduate, 2016 - 2017
KÖK HÜCREDE BİYOKİMYASAL ETKİLEŞİMLER, Postgraduate, 2016 - 2017

Advising Theses

Çelebi Saltık B., BAŞ BOYUN KANSERLİ HASTALARIN TÜKÜRÜK ÖRNEKLERİNDEN İZOLE EDİLEN EKSOZOM VE BAKTERİLERİN, SAĞLIKLI KEMİK İLİĞİ MEZENKİMAL KÖK HÜCRELER ÜZERİNE ETKİLERİNİN DEĞERLENDİRİLMESİ, Postgraduate, M.BİLGİÇ(Student), Continues
Çelebi Saltık B., METHIONINE METABOLISM IN HUMAN FETAL, ADULT AND CANCER STEM CELLS, Postgraduate, Ö.Altundağ(Student), 2021
Çelebi Saltık B., İNSAN GÖBEK KORDON VENİ CD146+ HÜCRELERİN VE BU HÜCRELERDEN ELDE EDİLEN MATRİKS PROTEİNLERİNİN in vitro BİYOFİLM MODELLERİNDE DEĞERLENDİRİLMESİ, Postgraduate, N.KÜBRA(Student), 2019
ÇELEBİ SALTİK B., HÜCRE TABAKA MÜHENDİSLİĞİ İLE GÖBEK KORDONU PERİSİTLERİNDEN ÜÇ BOYUTLU DAMAR GREFTİ ELDESİ, Doctorate, B.GÖKÇINAR(Student), 2018

Jury Memberships

Post Graduate, Post Graduate, Hacettepe Üniversitesi, September, 2020
Post Graduate, Post Graduate, Hacettepe Üniversitesi, August, 2019
Post Graduate, Post Graduate, Hacettepe Üniversitesi, August, 2019
Post Graduate, Post Graduate, Hacettepe Üniversitesi, July, 2019
Appointment Academic Staff, Appointment Academic Staff, Hacettepe Üniversitesi, January, 2019
Appointment Academic Staff, Appointment Academic Staff, Hacettepe Üniversitesi, January, 2018
Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, June, 2014

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Methionine affects the expression of pluripotency genes and protein levels associated with methionine metabolism in adult, fetal and cancer stem cells**
Altundağ Ö., Canpınar H., Çelebi Saltık B.
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.1, no.1, pp.1-10, 2021 (Journal Indexed in SCI)
- II. **Dermal fibroblast cells interactions with single and triple bacterial-species biofilms**
Çelebi Saltık B., Kart D.
Molecular Biology Reports, vol.48, no.4, pp.3393-3404, 2021 (Journal Indexed in SCI Expanded)
- III. **Modeling of Artificial 3D Human Placenta.**
Tutar R., Çelebi-Saltık B.

- Cells, tissues, organs, no.1, pp.1-10, 2021 (Journal Indexed in SCI)
- IV. **From Embryo to Adult: One Carbon Metabolism in Stem Cells.**
Altundag Ö., Çelebi-Saltik B.
Current stem cell research & therapy, vol.16, pp.175-188, 2021 (Journal Indexed in SCI)
- V. **Microbial Stresses on Human Umbilical Cord Stem Cells**
Kart D., Çelebi-Saltik B.
CURRENT STEM CELL RESEARCH & THERAPY, vol.16, no.7, pp.801-808, 2021 (Journal Indexed in SCI)
- VI. **Stem cell-based small-diameter vascular grafts in dynamic culture**
Celebi-Saltik B., Oteyaka M. O. , Gokcinar-Yagci B.
CONNECTIVE TISSUE RESEARCH, vol.62, pp.151-163, 2021 (Journal Indexed in SCI)
- VII. **Different Aspects of Head and Neck Squamous Cell Carcinoma: Cancer Stem Cells, Their Niche and Targeted Therapy**
Bilgiç Küçüküven M., Çelebi Saltik B.
Current Stem Cell Research & Therapy, vol.1, no.1, pp.1-23, 2020 (Journal Indexed in SCI Expanded)
- VIII. **Transcriptome and proteome profiles of human umbilical cord vein CD146+ stem cells.**
Gökçinar-Yagci B., Karaosmanoglu B., Taskiran E., Çelebi-Saltik B.
Molecular biology reports, vol.47, pp.3833-3856, 2020 (Journal Indexed in SCI)
- IX. **Evaluation of the biofilm formation of Staphylococcus aureus and Pseudomonas aeruginosa on human umbilical cord CD146+stem cells and stem cell-based decellularized matrix**
Çankirili N., Kart D., Çelebi-Saltik B.
CELL AND TISSUE BANKING, 2020 (Journal Indexed in SCI)
- X. **Room-Temperature-Formed PEDOT:PSS Hydrogels Enable Injectable, Soft, and Healable Organic Bioelectronics.**
Zhang S., Chen Y., Liu H., Wang Z., Ling H., Wang C., Ni J., Saltik B., Wang X., Meng X., et al.
Advanced materials (Deerfield Beach, Fla.), vol.32, 2020 (Journal Indexed in SCI)
- XI. **A Patch of Detachable Hybrid Microneedle Depot for Localized Delivery of Mesenchymal Stem Cells in Regeneration Therapy**
Lee K., Xue Y., Lee J., Kim H., Liu Y., Tebon P., Sarikhani E., Sun W., Zhang S., Haghniaz R., et al.
Advanced Functional Materials, 2020 (Journal Indexed in SCI)
- XII. **Skin Stem Cells, Their Niche and Tissue Engineering Approach for Skin Regeneration.**
Çankirili N., Altundag O., Çelebi-Saltik B.
Advances in experimental medicine and biology, vol.1212, pp.107-126, 2020 (Journal Indexed in SCI)
- XIII. **Three-Dimensional Bioprinting of Functional Skeletal Muscle Tissue Using GelatinMethacryloyl-Alginate Bioinks.**
Seyedmahmoud R., Çelebi-Saltik B., Barros N., Nasiri R., Banton E., Shamloo A., Ashammakhi N., Dokmeci M., Ahadian S.
Micromachines, vol.10, 2019 (Journal Indexed in SCI)
- XIV. **3D printing of step-gradient nanocomposite hydrogels for controlled cell migration.**
Motealleh A., Çelebi-Saltik B., Ermis N., Nowak S., Khademhosseini A., Kehr N.
Biofabrication, vol.11, pp.45015, 2019 (Journal Indexed in SCI)
- XV. **Microphysiological Systems: Next Generation Systems for Assessing Toxicity and Therapeutic Effects of Nanomaterials**
Ashammakhi N., Darabi M. A. , Çelebi-Saltik B., Tutar R., Hartel M. C. , Lee J., Hussein S. M. , Goudie M. J. , Cornelius M. B. , Dokmeci M. R. , et al.
Small Methods, 2019 (Journal Indexed in SCI)
- XVI. **Generation of human umbilical cord vein CD146+ perivascular cell originated three-dimensional vascular construct.**
GÖKÇINAR-YAGCI B., Yersal N., Korkusuz P., Çelebi-Saltik B.
Microvascular research, vol.118, pp.101-112, 2018 (Journal Indexed in SCI Expanded)
- XVII. **Pericytes in Tissue Engineering.**
Çelebi-Saltik B.

- Advances in experimental medicine and biology, vol.1109, pp.125-137, 2018 (Journal Indexed in SCI Expanded)
- XVIII. **Comparison of different culture conditions for smooth muscle cell differentiation of human umbilical cord vein CD146+perivascular cells**
GOKCINAR-YAGCI B., Celebi-Saltik B.
CELL AND TISSUE BANKING, vol.18, no.4, pp.501-511, 2017 (Journal Indexed in SCI)
- XIX. **Expansion of human umbilical cord blood hematopoietic progenitors with cord vein pericytes**
ÇELEBİ SALTİK B., Gokcinar Yagci B.
TURKISH JOURNAL OF BIOLOGY, vol.41, no.1, pp.49-58, 2017 (Journal Indexed in SCI)
- XX. **Isolation, characterisation and comparative analysis of human umbilical cord vein perivascular cells and cord blood mesenchymal stem cells**
Gokcinar-Yagei B., ÖZYÜNCÜ Ö., Celebi-Saltik B.
CELL AND TISSUE BANKING, vol.17, no.2, pp.345-352, 2016 (Journal Indexed in SCI)
- XXI. **Cardiac patch design: compatibility of nanofiber materials prepared by electrospinning method with stem cells**
ÇELEBİ SALTİK B., Oteyaka M. O.
TURKISH JOURNAL OF BIOLOGY, vol.40, no.2, pp.510-518, 2016 (Journal Indexed in SCI)
- XXII. **Pericytes: Properties, Functions and Applications in Tissue Engineering**
Gokcinar-Yagci B., Uckan-Cetinkaya D., Celebi-Saltik B.
STEM CELL REVIEWS AND REPORTS, vol.11, no.4, pp.549-559, 2015 (Journal Indexed in SCI)
- XXIII. **Human umbilical cord derived stem cells**
ÇELEBİ SALTİK B., ÇETİNKAYA F. D.
Stem Cell Fundamentals and Practice, vol.1, no.1, pp.19-22, 2015 (Journal Indexed in SCI)
- XXIV. **Medium conditioned with mesenchymal stromal cell derived osteoblasts improves the expansion and engraftment properties of cord blood progenitors**
DUMONT N., BOYER L., EMOND H., Celebi-Saltik B., PASHA R., BAZIN R., Mantovani D., ROY D., PINEAULT N.
EXPERIMENTAL HEMATOLOGY, vol.42, no.9, pp.741-752, 2014 (Journal Indexed in SCI)
- XXV. **BSA and Fibrinogen Adsorption on Chitosan/kappa-Carrageenan Polyelectrolyte Complexes**
CARNEIRO T. N., NOVAES D. S., Rabelo R. B., Celebi B., Chevallier P., Mantovani D., Beppu M. M., VIEIRA R. S.
MACROMOLECULAR BIOSCIENCE, vol.13, no.8, pp.1072-1083, 2013 (Journal Indexed in SCI)
- XXVI. **Human Elastin-Based Recombinant Biopolymers Improve Mesenchymal Stem Cell Differentiation**
Celebi B., Cloutier M., Balloni R., Mantovani D., BANDIERA A.
MACROMOLECULAR BIOSCIENCE, vol.12, no.11, pp.1546-1554, 2012 (Journal Indexed in SCI)
- XXVII. **Insulin-like growth factor binding protein-2 and neurotrophin 3 synergize together to promote the expansion of hematopoietic cells ex vivo**
Celebi B., Mantovani D., PINEAULT N.
CYTOKINE, vol.58, no.3, pp.327-331, 2012 (Journal Indexed in SCI)
- XXVIII. **Effects of extracellular matrix proteins on the growth of haematopoietic progenitor cells**
Celebi B., Mantovani D., PINEAULT N.
BIOMEDICAL MATERIALS, vol.6, no.5, 2011 (Journal Indexed in SCI)
- XXIX. **Irradiated mesenchymal stem cells improve the ex vivo expansion of hematopoietic progenitors by partly mimicking the bone marrow endosteal environment**
Celebi B., Mantovani D., PINEAULT N.
JOURNAL OF IMMUNOLOGICAL METHODS, vol.370, pp.93-103, 2011 (Journal Indexed in SCI)
- XXX. **Proteome Analysis of Rat Bone Marrow Mesenchymal Stem Cell Differentiation**
Celebi B., Elcin A. E., Elcin Y. M.
JOURNAL OF PROTEOME RESEARCH, vol.9, no.10, pp.5217-5227, 2010 (Journal Indexed in SCI)
- XXXI. **Proteome Analysis of Rat Bone Marrow Mesenchymal Stem Cell Subcultures**
Celebi B., Elcin Y. M.
JOURNAL OF PROTEOME RESEARCH, vol.8, no.5, pp.2164-2172, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Dental Pulpa Kök Hücrelerinin Sinyal Yolakları ve Rejenerasyonda Doku İndüksiyonu**
ÇELEBİ SALTİK B.
Türkiye Klinikleri Endodonti - Özel Konular, vol.4, no.1, pp.27-32, 2018 (Other Refereed National Journals)
- II. **Extracellular Matrix Proteins for Stem Cell Fate**
Celebi-Saltik B.
ADVANCED SURFACES FOR STEM CELL RESEARCH, pp.1-21, 2017 (Refereed Journals of Other Institutions)
- III. **Biyomalzemelerle Kök Hücre Etkileşimi**
ÇELEBİ SALTİK B.
Türkiye Klinikleri Plastik Cerrahi Özel Dergisi, vol.4, no.3, pp.33-37, 2015 (Other Refereed National Journals)
- IV. **Kök Hücreden Yapay Doku Oluşumu Teknikler ve Güncel Teknolojiler**
ÇELEBİ SALTİK B.
Türkiye Klinikleri Plastik Cerrahi Özel Dergisi, vol.4, no.3, pp.38-42, 2015 (Other Refereed National Journals)
- V. **Vasküler Rejenerasyon Amacıyla Doku Mühendisliği ve Kök Hücre Uygulamaları**
ÇELEBİ SALTİK B.
Türkiye Klinikleri Plastik Cerrahi Özel Dergisi, vol.4, no.3, pp.56-59, 2015 (Other Refereed National Journals)
- VI. **Hematopoetik ve Mezenkimal Kök Hücreler**
AERTS KAYA F. S. F. , ÇELEBİ SALTİK B.
Turkiye Klinikleri J Plast Surg-Special Topics, vol.4, no.3, pp.11-18, 2015 (National Non-Refereed Journal)
- VII. **Investigation of human mesenchymal stem cells culture on nanofibrous polyurethane scaffolds and films**
ÇELEBİ SALTİK B., ÖTEYAKA M. Ö.
Journal of Achievements in Materials and Manufacturing Engineering, vol.64, no.2, pp.52-61, 2014 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **Extracellular Matrix Proteins for Stem Cell Fate**
ÇELEBİ SALTİK B.
in: ADVANCED SURFACES FOR STEM CELL RESEARCH, Tiwari, A; Garipcan, B; Uzun, L , Editor, Scrivener Publishing Llc,, Beverly, pp.1-21, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Cell-Stem Cell Production Technologies and Tissue Engineering Products**
Çelebi Saltık B.
Advanced Therapy Medical Products 2nd Pharmaceutical Biotechnology Workshop, Ankara, Turkey, 29 - 30 November 2019, pp.1
- II. **Büyük veriden hücre karakterizasyonuna: Transkripsiyon faktörü kataloglarının oluşturulması**
İMREN G., KARAOSMANOĞLU B., ÇELEBİ SALTİK B., ESENDAĞLI G., TAŞKIRAN Z. E.
Tıbbi Biyoloji ve Genetik Kongresi, Turkey, 27 - 30 October 2019
- III. **Artificial tissue and organ formation from stem cells with 3D printing and organ on a chip technologies**
Çelebi Saltık B.
Turkish Plastic Reconstructive and Aesthetic Surgery Association 41st National Congress, Samsun, Turkey, 26 - 30 October 2019, pp.1
- IV. **Functional analysis of the cellular response of donor bone marrow derived mesenchymal stem cells under environmental stress**

Balta G., Aygar S., Çelebi Saltık B., Kılıç E., Çetinkaya F. D.

3th Stem Cells and Cellular Therapies Congress, İstanbul, Turkey, 12 - 14 April 2019, pp.1

- V. **Investigation of mitochondrial stress inducers on human bone marrow derived mesenchymal stem cells for mitochondrial disease model**
Aygar S., Balta G., Çelebi Saltık B., Kılıç E., Beyramzadeh M., Çetinkaya F. D.
42nd FEBS Congress, Yerushalayim, Israel, 10 - 14 September 2017, pp.1
- VI. **Combination of Human Umbilical Cord Vein Perivascular Cells and Human Extracellular Matrix Proteins for Vascular Tissue Engineering**
ÇELEBİ SALTİK B., GÖKÇINAR YAĞCI B.
28th Annual Meeting of the European Society for Biomaterials, 4 - 08 September 2017
- VII. **Combination of smooth muscle cells and fibroblasts differentiated from human umbilical cord vein CD146 cells with human extracellular matrix proteins**
ÇELEBİ SALTİK B., AKARCA DİZAKAR S. Ö., ÖMEROĞLU S., GÖKÇINAR YAĞCI B.
ISEH 46th Annual Scientific Meeting, 24 August - 27 September 2017, vol.53, pp.119
- VIII. **Investigation of mitochondrial stress inducers on human bone marrow derived mesenchymal stem cells for mitochondrial disease model**
Aygar S., BALTA G., Saltık B., Kılıç E., Beyramzadeh M., Çetinkaya F. D.
42nd Congress of the Federation-of-European-Biochemical-Societies (FEBS) on From Molecules to Cells and Back, Jerusalem, Israel, 10 - 14 September 2017, vol.284, pp.134-135
- IX. **Effect of three different culture media on smooth muscle cell differentiation of umbilical cord vein-derived CD146 perivascular cells**
ÇELEBİ SALTİK B., GÖKÇINAR YAĞCI B.
ISEH 46th Annual Scientific Meeting, 24 - 27 August 2017, vol.53, pp.119
- X. **Cytotoxic dose assessment of cell stress inducers on human bone marrow mesenchymal stem cells by real-time xCELLigence impedance analysis**
AYGAR S., BALTA G., Saltık B. C., KILIÇ E., ÇETINKAYA F. D.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.60
- XI. **Interaction of human umbilical cord vein derived smooth muscle cells and fibroblasts with natural scaffolds composed of human vascular extracellular matrix proteins**
YAGCI B., Saltık B. C.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.37
- XII. **Generation of induced pluripotent stem cells from human mesenchymal stem cells by sendai virus vectors**
PEHLİVANOĞLU S., INCI C., EMINE K., ÇELEBİ SALTİK B., ÇETİNKAYA F. D., OKUR F. V.
Sanko University Innovation in Medicine Summit-2, 5 - 07 May 2016
- XIII. **Reprogramming of human mesenchymal stem cells from healthy donors a osteopetrosis with non-integrating RNA virus on feeder-free conditions**
Cevher I., Akar İ., Pehlivanoğlu S., Çelebi Saltık B., Kılıç E., Çetinkaya F. D., Okur F. V.
13th National Histology and Embryology Congress, İzmir, Turkey, 30 April - 03 May 2016, pp.1
- XIV. **Pericyte based collagen scaffold for vascular tissue engineering**
ÇELEBİ SALTİK B., GÖKÇINAR YAĞCI B.
10th World Biomaterials Congress, Canada, 17 - 22 May 2016
- XV. **Engineered small diameter vascular grafts by cell sheet engineering with human umbilical cord vein perivascular cells**
GÖKÇINAR YAĞCI B., ÇELEBİ SALTİK B.
10th World Biomaterials Congress, Canada, 17 - 22 May 2016
- XVI. **Yapay Organlar ve Nis**
ÇELEBİ SALTİK B.
Kök Hücre Günü 2015, Turkey, 21 November 2015

- XVII. Generation of integration free human IPS cells from mesenchymal stem cells**
CEVHER I., PEHLİVANOĞLU S., KILIÇ E., ÇELEBİ SALTİK B., ÇETİNKAYA F. D. , OKUR F. V.
2nd International Congress on Stem Cell and Cellular Therapies, 15 - 17 November 2015
- XVIII. Doku Mühendisliği**
ÇELEBİ SALTİK B.
Türk Plastik Rekonstrüktif ve Estetik Cerrahi Derneği 37. Ulusal Kurultay, Turkey, 4 - 07 November 2015
- XIX. Bioinspired cartilage surfaces for chondrogenic stem cell differentiation**
ÖZTÜRK M. Ö. , HÜR D., UZUN L., ÇELEBİ SALTİK B., ÇETİNKAYA F. D. , GARİPCAN B.
EMBO Workshop, Stem cell mechanobiology in development and disease, Capri, Italy, 18 - 21 October 2015
- XX. Smooth muscle cell differentiation of human umbilical cord vein pericytes Effect of hypoxia**
GÖKÇINAR YAĞCI B., ÇELEBİ SALTİK B.
2nd International Congress on Stem Cell and Cellular Therapies, 15 - 18 October 2015
- XXI. Expansion of Hematopoietic Progenitor Cells in a New Dynamic Co-culture System**
Celebi-Saltik B., PINEAULT N., Mantovani D.
4th TERMIS World Congress, Massachusetts, United States Of America, 8 - 11 September 2015, vol.21
- XXII. Human Umbilical Cord Vein Pericyte Differentiation for Vascular Tissue Engineering**
GOKCINAR-YAGCI B., Celebi-Saltik B.
4th TERMIS World Congress, Massachusetts, United States Of America, 8 - 11 September 2015, vol.21
- XXIII. Cardiac Patch Design with Neural Growth Factor Impregnated Polyurethane Nanofibers and Mesenchymal Stem Cells**
Oteyaka M., Celebi-Saltik B.
4th TERMIS World Congress, Massachusetts, United States Of America, 8 - 11 September 2015, vol.21
- XXIV. Improved ex vivo expansion of human umbilical cord blood hematopoietic progenitors with cord pericytes**
ÇELEBİ SALTİK B., GÖKÇINAR YAĞCI B.
ISSCR 2015, 24 - 27 June 2015
- XXV. Stem Cell Engineering**
ÇELEBİ SALTİK B.
International Congress of Molecular Medicine, İzmir, Turkey, 20 - 22 May 2015
- XXVI. Cell culture Clinical applications**
ÇELEBİ SALTİK B.
th Fall School of Dermatoimmunology and Allergy, Muğla, Turkey, 17 - 21 September 2014
- XXVII. Cartilage Mimicked Structures for Chondrogenic Stem Cell Differentiation**
ÖZTÜRK M. Ö. , HÜR D., UZUN L., ÇELEBİ SALTİK B., ÇETİNKAYA F. D. , GARİPCAN B.
9th International Conference on Cell- and Stem Cell Engineering, 11 - 13 September 2014
- XXVIII. Investigation of human mesenchymal stem cells culture on nanofibrous polyurethane scaffolds and films**
ÇELEBİ SALTİK B., ÖTEYAKA M. Ö.
15th International Materials Symposium, 15 - 17 October 2014
- XXIX. Nutrients and Stem Cells**
ÇELEBİ SALTİK B.
IX. International Nutrition and Dietetics Congress, 2 - 05 April 2014
- XXX. Modulation de la prise de greffe et de l'expansion des progéniteurs hématopoïétiques de sang de cordon par des facteurs solubles provenant des ostéoblastes**
Emond H., Dumont N., Boyer L., Çelebi Saltik B., Drouin M., Bazin R., Mantovani D., Roy D. C. , Pneauult N.
ThéCell Annual Meeting, Montreal, Canada, 17 September 2013, pp.2
- XXXI. Identification of the Mechanisms Responsible for the Improved Platelet Recovery Achieved with Cord Blood(CB) Progenitors Expanded in Osteoblast (OST) Conditioned Medium**
DUMONT N., EMOND H., Saltik B. C. , Drouin M., BAZIN R., Mantovani D., ROY D., PINEAULT N.
AABB Annual Meeting and CTTXPO, Colorado, United States Of America, 12 - 15 October 2013, vol.53
- XXXII. Human bone marrow mesenchymal stem cell differentiation on biomimetic elastin and collagen type**

I blends

Çelebi Saltık B., Bandiera A., Mantovani D.

47th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1

XXXIII. Identification of soluble factors released by osteoblasts that modulate the growth of human cord blood cells

Çelebi Saltık B., Mantovani D., Roy D. C., Bazın R., Pineault N.

47th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1111

XXXIV. Impact of mesenchymal and osteoblast conditioned media on hematopoietic cell growth and on hematopoietic recovery

Boyer L., Dumont N., Çelebi Saltık B., Bazın R., Roy D., Pineault N.

AABB Annual Meeting & CTTXPO 2012, Massachusetts, United States Of America, 6 - 09 October 2012, vol.52, pp.39

XXXV. Osteoblast conditioned media increases the expansion of hematopoietic progenitor cells ex vivo and improves the overall recovery of platelets in vivo

Boyer L., Çelebi Saltık B., Dumont N., Emond H., Mantovani D., Roy D. C., Pineault N.

Stem Cell Network and ThéCell Annual Meeting, Montreal, Canada, 30 April - 02 May 2012, pp.17

XXXVI. The role of collagen type I on Hematopoietic and Mesenchymal Stem Cells expansion and differentiation

Çelebi B., Pineault N., Mantovani D.

7th International Conference on Processing and Manufacturing of Advanced Materials, THERMEC'2011, Quebec City, QC, Canada, 1 - 05 August 2011, vol.409, pp.111-116

XXXVII. Improved expansion of hematopoietic progenitors with osteogenically differentiated BM MSCs conditioned medium

Çelebi Saltık B., Boily Y., Mantovani D., Pineault N.

American Society for Cell Biology Annual Meeting, Colorado, United States Of America, 3 - 07 December 2011, pp.917

XXXVIII. Comparative analysis of hematopoietic progenitor expansions achieved in a two-chamber bioreactor and static cultures

Çelebi Saltık B., Mantovani D., Pineault N.

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Supported Projects

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ÇELEBİ SALTİK B., Altundağ Ö., TUTAR R., Project Supported by Higher Education Institutions, Oleuropeinin Meme Kanseri Organoid Kültürü Üzerine Etkisinin Mikroakışkan Sistemde İncelenmesi, 2019 - Continues

KART D., DAĞDELEN S., ÇELEBİ SALTİK B., Project Supported by Higher Education Institutions, IN VİTRO DİYABETİK YARA MODELİ POLİMİKROBİYAL BİYOFİMLERİN ROLÜ, 2017 - Continues

ÇELEBİ SALTİK B., ÇETİNKAYA F. D. , TUBİTAK Project, UPKH Uyarılmış Pluripotent Kök Hücre Banka Teknolojileri Geliştirme, 2014 - Continues

Çelebi Saltık B., Tutar R., TUBİTAK Project, Tırnak Yatağı Yaralanmalarında Kullanılmak Üzere Michael Katılma Tepkimesi Ve Görünür Işık İle Çapraz Bağlanabilen, Enjekte Edilebilir, İnsan Saçı Keratini Katkılı Doku Yapıştırıcısı Geliştirilmesi: 3 Boyutlu Tırnak Yatağı Yara Modelinde Değerlendirilmesi, 2021 - 2024

Çelebi Saltık B., Öteyaka M. Ö. , TÜBİTAK International Bilateral Joint Cooperation Program Project, Osteojenik Biyoseramik Takviyeli Üç Katmanlı Elektroeğrilmış Fiberlerin Geliştirilmesi- Kemik Rejenerasyonu, 2021 - 2024

Çelebi Saltık B., Kart D., Bilgiç Küçükgüven M., Project Supported by Higher Education Institutions, Baş Boyun Kanserli Hastaların Tükürük Örneklerinden İzole Edilen Eksozom ve Bakterilerin Sağlıklı Kemik İliği Mezenkimal Kök Hücreler Üzerine Etkilerinin Değerlendirilmesi, 2020 - 2021

ÇELEBİ SALTİK B., Altundağ Ö., AKSOY Y., Project Supported by Higher Education Institutions, İnsan Fetal, Erişkin ve Kanser Kök Hücrelerinde Metiyonin Metabolizması, 2019 - 2021

ÇELEBİ SALTİK B., KÜBRA ÇANKIRILI N., KART D., Project Supported by Higher Education Institutions, İnsan Göbek Kordon Veni CD146+ Hücrelerin ve Bu Hücrelerden Elde Edilen Matris Proteinlerinin in vitro Biyofilm Modellerinde Değerlendirilmesi, 2019 - 2019

ÇELEBİ SALTİK B., Project Supported by Higher Education Institutions, Organ on a chip teknolojisi ile doku-organ geliştirme, 2018 - 2019

BALTA G., ÇELEBİ SALTİK B., ÇETİNKAYA F. D. , Aygar S., Project Supported by Higher Education Institutions, İNSAN KEMİK İLİĞİ MEZENKİMAL KÖK HÜCRELERİNDE in vitro MİTOKONDRİ HASAR MODELİ OLUŞTURULMASI, 2015 - 2019

ÇELEBİ SALTİK B., Project Supported by Higher Education Institutions, Vasküler greft oluşumu: İnsan göbek kordon veni CD146+ hücrelerden farklılaştırılan düz kas hücreleri ve fibroblastların insan ekstrasellüler matris proteinleri ile

kombinasyonu, 2017 - 2017

Çetinkaya F. D. , Çelebi Saltık B., Vargel İ., Okur F. V. , Korkusuz P., Özcan A., TUBITAK Project, Hacettepe Üniversitesi Ar Ge Strateji Belgesi Rejeneratif ve Restoratif Tıp, 2016 - 2017

ÇELEBİ SALTİK B., GÖKÇINAR YAĞCI B., Project Supported by Higher Education Institutions, İNSAN GÖBEK KORDONU VENİ CD146+ HÜCRELERİNDEN FARKLILAŞTIRILAN DÜZ KAS HÜCRELERİNİN KARAKTERİZASYONU VE EKSTRASELÜLER MATRİKS PROTEİNLERİ İLE ETKİLEŞİMLERİ, 2016 - 2017

ÇELEBİ SALTİK B., TUBITAK Project, Biyoreaktör İle Damar Doku Mühendisliği: Göbek Kordonu Kök Hücreleri Ve Matris Proteini İle Damar Tabakaları Oluşumu, 2014 - 2017

AERTS KAYA F. S. F. , ÇETİNKAYA F. D. , ÖZCAN A., ÇELEBİ SALTİK B., Project Supported by Higher Education Institutions, Kök Hücre Günü 2015, 2015 - 2016

ÇELEBİ SALTİK B., ÖZYÜNCÜ Ö., GÖKÇINAR YAĞCI B., Project Supported by Higher Education Institutions, İnsan göbek kordonu veninden CD146+ hücrelerin eldesi ve vasküler düz kas hücrelerine farklılaştırılması, 2015 - 2015

ÇELEBİ SALTİK B., TUBITAK Project, Perisitlerin ve mezenkimal kök hücre kaynaklı osteoblastların göbek kordonu hematopoetik kök hücre farklılaşmasındaki rolü, 2014 - 2015

Çelebi Saltık B., Project Supported by Higher Education Institutions, 2013 - 2014

Activities in Scientific Journals

Current Gene Therapy, Committee Member, 2020 - Continues

Cell And Tissue Banking, Committee Member, 2019 - Continues

Memberships / Tasks in Scientific Organizations

European Biomaterials Society, Member, 2018 - Continues, Netherlands

Basic Oncology Society, Member, 2017 - Continues, Turkey

Bilim Akademisi-BAGEP, Member, 2016 - Continues, Turkey

Turkish Society of Hematology, Member, 2015 - Continues, Turkey

Turkish Society of Biochemistry, Member, 2013 - Continues, Turkey

American Society for Cell Biology , Member, 2011 - Continues, United States Of America

The International Union of Pure and Applied Chemistry , Member, 2011 - Continues, United States Of America

International Society for Stem Cell Research, Member, 2011 - Continues, United States Of America

International Society for Experimental Hematology, Member, 2010 - Continues, United States Of America

Canadian Biomaterials Society, Member, 2008 - Continues, Canada

Tasks In Event Organizations

Çelebi Saltık B., World Biomaterials Congress 2020, Scientific Congress, Glasgow, Scotland, Aralık 2020

Çelebi Saltık B., World Biomaterials Congress, Scientific Congress, Montreal, Canada, Mayıs 2016

Mobility Activity

Sabbatical Leave, Guest Researcher, University of California, Los Angeles, United States Of America, 2018 - 2018

Erasmus Programme, Faculty Exchange, Karolinska Institutet (Karolinska Institute), Sweden, 2014 - 2014

Citations

Total Citations (WOS):255

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Scholarships

1416 sayılı kanun gereğince yurtdışında doktora bursu, Ministry of Education, 2008 - 2012

Yurtiçi Yüksek Lisans Bursu, TÜBİTAK, 2006 - 2007

Yurtdışı Yüksek Lisans Bursu, Foundation, 2005 - 2005

Awards

Çelebi Saltık B., Altundağ Ö., Aksoy Y., Dr. Aysun - Ahmet Küçükkel Tıp Ödülleri-Genç Araştırmacı Proje Destek Ödülü (Özlem Altundağ ve Yasemin Aksoy ile birlikte), Güven Hastanesi, April 2020

Çelebi Saltık B., World Biomaterials Congress 2016 - Tephra Trainee Award (Beyza Gökçınar Yağcı ile birlikte), World Biomaterials Congress Commitee, June 2016

Çelebi Saltık B., Bilim Akademisi Genç Bilim İnsanları Ödül Programı (BAGEP), Bilim Akademisi, April 2016

Çelebi Saltık B., Meting Scholarship from TÜBİTAK to participate 64th Lindau Nobel Laureate Meeting, 64Th Lindau Nobel Laureate Meeting Organising Commitee-Tübitak, June 2014

Çelebi Saltık B., Conference Scholarship ISSCR Annual Meeting, Réseau De Thérapie Cellulaire, Tissulaire Et Génique Du Québec, June 2011

Çelebi Saltık B., Travel award, 29th Canadian Biomaterials Society Conference, Canadian Biomaterials Society , June 2011