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## International Researcher IDs

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## Education Information

Doctorate, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Histoloji Ve Embriyoloji (Dr), Turkey 1997 - 2004

Postgraduate, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Histoloji Ve Embriyoloji (Yıl) (Tezli), Turkey 1994 - 1997

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

## Biography

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

Dr Ayla Eker Sariboyaci was born in 1972 in Eskisehir, Turkey. After graduation from Anadolu University in 1994, she received his Ph.D. degree in Histology and Embryology at Eskisehir 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 Eskisehir 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  $\beta$ -endorfin ve oosit/embryo ileri gelişim medyumlarının sican pre-antral follikulerinin in vitro gelişimi üzerindeki etkileri, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Histoloji Ve Embriyoloji (Dr), 2004

Postgraduate, Farklı dalga boylarındaki ışıkta yetişirilen diş sicanların uzun gün fotoperiyodunda glandula pineale ve genital sistem etkileşimleri, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, 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, Sağlık Bilimleri Enstitüsü, Department of Stem Cell, 2018 - Continues

Associate Professor, Eskisehir Osmangazi University, Hücresel Tedavi ve Kök Hücre, Hücresel Tedavi ve Kök Hücre, 2017 - Continues

Assistant Professor, Eskisehir Osmangazi University, Hücresel Tedavi ve Kök Hücre, 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, Tıp Fakültesi, Temel Tıp Bil. Bölümü, 1994 - 2005

## Academic and Administrative Experience

Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Kök Hücre Anabilim Dalı (Disiplinlerası), 2019 - Continues  
Eskisehir Osmangazi University, Sağlık Hizmetleri Meslek Yüksekokulu, 2015 - Continues

Director of the Center, Eskisehir Osmangazi University, Hücresel Tedavi ve Kök Hücre, Hücresel Tedavi ve Kök Hücre, 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 TIBBI, Doctorate, 2017 - 2018

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

## Advising Theses

EKER SARIBOYACI 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 SARIBOYACI 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. 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)
- II. 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, no.12, 2023 (SCI-Expanded)
- III. Novel fluorescent sensors based on coumarin-hydrazide-hydrazone hybrid for the detection of CN-, Co<sup>2+</sup> and Ni<sup>2+</sup> ions: DFT and bioimaging in living cells  
Turhan O., YAMAN M., DİKMEN G., NURAL Y., SARIBOYACI A., Tasa B. A., Soykan M. N., SEFEROĞLU Z.  
JOURNAL OF MOLECULAR LIQUIDS, 2023 (SCI-Expanded)
- IV. 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., Sariboyaci A.  
Current molecular medicine, 2023 (SCI-Expanded)
- V. 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)
- VI. 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 Güclüer Z., İnan U., Uysal O., Güneş Bağış S., Çemrek F., et al.  
GENE, vol.865, 2023 (SCI-Expanded)

- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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 Sariboyaci A., Uysal O., Sevimli T. S.  
MEDICAL ONCOLOGY, vol.38, no.12, 2021 (SCI-Expanded)
- XI. **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 Sariboyaci A.  
Turkish Journal Of Biochemistry-Türk Biyokimya Dergisi, vol.46, no.S1, pp.67-68, 2021 (SCI-Expanded)
- XII. **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., Kirmaz C., Eker Sariboyaci A., Karaöz E., Erman G., Vatansever H. S., Mete Gökmek N.  
Cytokine, vol.138, 2021 (SCI-Expanded)
- XIII. **The role of prokineticins in recurrent implantation failure**  
KARAER A., TUNCAY G., UYSAL O., SEMERCİ SEVİMLİ T., Sahin N., KARABULUT DOĞAN Ü., SARIBOYACI A. (.  
JOURNAL OF GYNECOLOGY OBSTETRICS AND HUMAN REPRODUCTION, vol.49, no.9, 2020 (SCI-Expanded)
- XIV. **Flexible poly(styrene-ethylene-butadiene-styrene) hybrid nanofibers for bioengineering and water filtration applications**  
Avcı H., Akkulak E., Gergeroglu H., Ghorbanpoor H., Uysal O., Eker Sariboyaci A., Demir B., Soykan M. N., Pat S., Mohammadigharehbagh R., et al.  
Journal of Applied Polymer Science, vol.137, no.26, 2020 (SCI-Expanded)
- XV. **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)
- XVI. **Cell and Tissue Culture: The Base of Biotechnology**  
Uysal O., Semerci Sevimli T., Sevimli M., Güneş S., Eker Sariboyaci 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)
- XVII. **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., Gungoruler E., EKER SARIBOYACI A.  
TURKISH JOURNAL OF HEMATOLOGY, vol.34, no.3, pp.213-225, 2017 (SCI-Expanded)
- XVIII. **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)
- XIX. **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)
- XX. **Differentiation potential of mouse embryonic stem cells into insulin producing cells in pancreatic islet microenvironment**  
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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)
- XXIX. **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)
- XXX. **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)
- XXXI. **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)
- XXXII. **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., Ozylmaz M., Alatas O., Eker A.

## 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.  
Adiyaman 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., DİNÇER M., BAYIR D., EKER SARIBOYACI A., ERZURUMLUOĞLU GÖKALP E., KOCAGİL S., ARIK D., ÖZEN H., DURAK ARAS B., ARTAN S., et al.  
TÜRK 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. A., Apaydın E., Ghorbanpoor H., Eker Sarıboyacı A., Uysal O., Özkuç 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. 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. **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)
- X. **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

- I. **BÖLÜM X: POLİMERLERİN KÖK HÜCRE TEDAVİLERİNE VE KÖK HÜCRE DOKU MÜHENDİSLİĞİNDE KULLANIMI**  
 Semerci Sevimli T., Güneş S., Sevimli M., Uysal O., Eker Sarıboyacı A.  
 in: POLİMERLER: ÖZELLİKLERİ VE UYGULAMALARI, AVCI HÜSEYİN, Editor, ESKİŞEHİR OSMANGAZİ ÜNİVERSİTESİ YAYINLARI, Eskişehir, pp.225-240, 2021
- II. **BÖLÜM XIII: KÖK HÜCRELER**  
 Güneş S., Uysal O., Semerci Sevimli T., Sevimli M., Tokhi A. F., Eker Sarıboyacı A.  
 in: POLİMERLER: ÖZELLİKLERİ VE UYGULAMALARI, AVCI HÜSEYİN, Editor, ESKİŞEHİR OSMANGAZİ ÜNİVERSİTESİ YAYINLARI, Eskişehir, pp.291-318, 2021
- III. **Chapter 9 Application Stem Cell and Exosome Based Therapy in COVID-19 Suleyman Gokhan Kara and Ayla Eker Sarıboyacı**  
 EKER SARIBOYACI A., KARA S. G.  
 in: COVID-19 From Bench to Bedside, Debmalya Barh, Kenneth Lundstrom, Editor, CRC Press, London, pp.162-171, 2021
- IV. **Kök Hücreler**  
 GÜNEŞ S., UYSAL O., SEMERCİ SEVİMLİ T., SEVİMLİ M., Tokhi A. F., EKER SARIBOYACI A.  
 in: Polimerler: Özellikleri ve Uygulamaları, HÜSEYİN AVCI, Editor, ESOGÜ KİTABEVİ, Eskişehir, pp.325-348, 2021
- V. **Cell and Tissue Culture: The Base of Biotechnology.**  
 Uysal O., Semerci Sevimli T., Sevimli M., Güneş S., Eker Sarıboyacı A.  
 in: Omics Technologies And Bio-engineering Towards Improving Quality Of Life. Volume 1: Emerging Fields, Animal and Medical Biotechnologies., Debmalya Bahr, Vasco Azevedo, Editor, Elsevier Science, Oxford/Amsterdam , London, pp.391-427, 2018
- VI. **Immunoregulatory Properties of Mesenchymal Stem Cells: In Vitro and In Vivo. K.**  
 Demircan P., EKER SARIBOYACI A., Erdal K.  
 in: Stem Cells Current Challenges and New Directions Stem Cell Biology and Regenerative Medicine, K. Turksen, Editor, Springer ScienceBusiness Media, New York, pp.29-58, 2013
- VII. **Embriyoji Laboratuvarı Kalite Kontrolü**  
 EKER SARIBOYACI A.  
 in: Yardımcı Üreme Teknikleri Temel Klinik ve Embriyoji Uygulamalar, Çelik Ö, Editor, Nobel Kitapevi, İstanbul, pp.647-660, 2011
- VIII. **Histoloji ve Embriyoji Laboratuvar Kılavuzu**  
 ŞAHİNTÜRK V., Erçakır M., Koyuncu D., UYSAL O., EKER SARIBOYACI A.  
 Etam A.Ş. Matbaa Tesisleri, Eskişehir, 1999

### Refereed Congress / Symposium Publications in Proceedings

- I. **Exploring anti-cancer drug activities by 3-dimensional liver cancer on a chip**  
 ABDULLAYEVA, N., Tomsuk Ö., Özel C., GHORBANPOOR H., Ebrahimi A., GASIMZADE, N., EKER SARIBOYACI A., AVCI H.  
 6th international eurasian conference on biological and chemical sciences eurasianbiochem, 11 - 13 October 2023
- II. **A novel tool for regenerative medicine: OoC platforms meet MSCs**  
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EKER SARIBOYACI A., UYSAL O., KILIÇ F. S., Project Supported by Higher Education Institutions, İnsan Amniyotik Sıvı Kökenli Multipotent Mezenkimal Kök Hücrelerin (iAS-MKH) İzolasyonu, Karakterizasyonu, Farklılaşma Potansiyeli ve Dondurularak Saklanması, 2015 - 2016

## Memberships / Tasks in Scientific Organizations

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

## Scientific Refereeing

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, SBAG, Turkey, January 2009

## Scientific Consultations

TÜBİTAK, Project Consultancy, Eskisehir Osmangazi University, Hücresel Tedavi ve Kök Hücre, Hücresel Tedavi ve Kök Hücre, Turkey, 2020 - 2022

## Scientific Research / Working Group Memberships

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

## Metrics

Publication: 102

Citation (WoS): 666

Citation (Scopus): 711

H-Index (WoS): 10

H-Index (Scopus): 10

## Non Academic Experience

İstanbul Memorial Hastanesi