

## Prof. HALİME KENAR

### Personal Information

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**Address:** Acibadem Mehmet Ali Aydınlar Üniversitesi, Tıp Mühendisliği Bölümü, İçerenköy, Kayışdağı Cd. No:32, 34752 Ataşehir/İstanbul

### International Researcher IDs

ScholarID: NfXgJHgAAAAJ

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Yoksis Researcher ID: 119352

### Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoteknoloji (YI) (Tezli), Turkey 2003 - 2008

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoteknoloji (YI) (Tezli), Turkey 2001 - 2003

Undergraduate Minor, Middle East Technical University, Faculty Of Economic And Administrative Sciences, Department Of Business Administration, Turkey 1998 - 2001

Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, Turkey 1996 - 2001

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, 3D patterned cardiac tissue construct formation using biodegradable materials, Middle East Technical University, Fen Bilimleri Enstitüsü, Biyoteknoloji (YI) (Tezli), 2008

Postgraduate, In Vitro Bone Tissue Engineering On Patterned Biodegradable Polyester Blends, Middle East Technical University, Fen Bilimleri Enstitüsü, Biyoteknoloji (YI) (Tezli), 2003

### Academic Titles / Tasks

Professor, Acibadem Mehmet Ali Aydınlar University, Faculty Of Engineering and Natural Sciences, Biomedical Engineering, 2021 - Continues

Associate Professor, Acibadem Mehmet Ali Aydınlar University, Faculty Of Engineering and Natural Sciences, Biomedical Engineering, 2019 - 2021

Assistant Professor, Kocaeli University, Arslanbey Meslek Yüksekokulu, Bitkisel Ve Hayvansal Üretim, 2010 - 2019

Research Assistant, Middle East Technical University, Fen-Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, 2001 - 2008

## Academic and Administrative Experience

Member of ADEK Commission, Acibadem Mehmet Ali Aydınlar University, 2023 - Continues  
Eğitim ve Müfredat Kurulu üyesi, Acibadem Mehmet Ali Aydınlar University, 2022 - Continues  
Eğitim ve Müfredat Kurulu üyesi, Acibadem Mehmet Ali Aydınlar University, Faculty Of Engineering and Natural Sciences, Biomedical Engineering, 2021 - Continues  
Ethics Committee Member, Acibadem Mehmet Ali Aydınlar University, 2020 - Continues  
Uygulama ve Araştırma Merkezi Yönetim Kurulu Üyesi, Acibadem Mehmet Ali Aydınlar University, Faculty Of Engineering and Natural Sciences, Biomedical Engineering, 2020 - Continues  
Adaptation/Exemption Committee Member, Acibadem Mehmet Ali Aydınlar University, Faculty Of Engineering And Natural Sciences, Biomedical Engineering, 2021 - 2024  
Fakülte Yönetim Kurulu Üyesi, Acibadem Mehmet Ali Aydınlar University, Faculty Of Engineering And Natural Sciences, Biomedical Engineering, 2021 - 2023

## Courses

Seminer, Doctorate, 2023 - 2024, 2022 - 2023  
Seminer, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Culture of Cells in Tissue Engineering, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Culture of Cells in Tissue Engineering, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021  
Tissue Engineering, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
From Bench to Bedside and Ethics, Doctorate, 2023 - 2024, 2022 - 2023  
Principles of Cell and Tissue Culture, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022  
Current Approaches in Tissue Engineering, Doctorate, 2022 - 2023  
Characterization Methods of Biomaterials, Postgraduate, 2022 - 2023

## Advising Theses

Hasırcı V. N., Kenar H., A tissue engineered in vitro blood air barrier model to study respiratory viral infections, Doctorate, N.SEVİNÇ(Student), Continues  
Kenar H., Hasırcı V. N., Development of a Tissue Scaffold from Human Placental Membrane for use in Pediatric Heart Surgery, Postgraduate, B.Uzunkaya(Student), 2023  
Kenar H., Gündoğdu Ö., Hidroksiapatit Katkılı Poli (gliserol-sebakat) / Poli(laktik asit) Karışımından Üç Boyutlu Basım ile Kemik Doku İskelesi Üretimi ve İn vitro Karakterizasyonu , Postgraduate, K.Coşkun(Student), 2022  
Kenar H., Pnömoni Etkeni Mikroorganizmalara Karşı Antibiyotiklerle Yüklü Kitosan Mikropartiküllerinin Geliştirilmesi ve Hücre Toksisitesinin Araştırılması, Doctorate, V.KÜÇÜKOĞLU(Student), 2019  
Kenar H., Biyoaktif ve Antimikrobyal Özelliğe Sahip Nano / Mikro Fiber Yapılı Yara Örtülerinin Üretimi ve Karakterizasyonu, Postgraduate, E.ALİCAN(Student), 2019  
Kenar H., Diyabetik yara tedavisi için fototerapi, biyopolimer ve hücrel uygulamaların geliştirilmesi ve in vitro koşullarda değerlendirilmesi, Doctorate, C.YILMAZ(Student), 2019  
Kenar H., Kuzu ince bağırsak submukozasından hücrelerinden arındırma yöntemi ile yara örtüsü eldesi ve diyabetik sıçan modelinde incelenmesi, Postgraduate, G.KARA(Student), 2015  
Kenar H., Elektroegirme yöntemiyle yumuşak doku mühendisliğinde kullanıma uygun yönlenmiş yarı-sentetik polimer taşıyıcı üretimi ve karakterizasyonu, Postgraduate, C.DUMLU(Student), 2014  
Kenar H., İnsan miyoblast ve mezenkimal kök hücre yüklenmiş aselüler çizgili kas kaynaklı doğal ve yarı-yapay iskelelerin çizgili kas dokusu oluşturma potansiyeli, Postgraduate, B.AY(Student), 2012

## Jury Memberships

Doctorate, Doctorate, Boğaziçi Üniversitesi, January, 2024

Doctorate, Doctorate, University of Oxford-Trinity College, June, 2023  
Doctorate, Doctorate, Yeditepe Üniversitesi, May, 2023  
Doctoral Examination, Doctoral Examination, Yeditepe Üniversitesi, February, 2023  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, January, 2023  
Associate Professor Exam, Associate Professor Exam, ÜAK, August, 2022  
Associate Professor Exam, Associate Professor Exam, ÜAK, August, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yeditepe Üniversitesi, July, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Yeditepe Üniversitesi, July, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, June, 2022  
Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Yıldız Teknik Üniversitesi, February, 2022  
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Tekirdağ Namık Kemal Üniversitesi, February, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Kocaeli Üniversitesi, January, 2022  
Post Graduate, Post Graduate, Orta Doğu Teknik Üniversitesi, January, 2022  
Doctorate, Doctorate, Orta Doğu Teknik Üniversitesi, September, 2021  
Post Graduate, Post Graduate, Orta Doğu Teknik Üniversitesi, August, 2021  
Post Graduate, Post Graduate, Acıbadem Mehmet Ali Aydınlar Üniversitesi, July, 2021  
Doctoral Examination, Doctoral Examination, Yeditepe Üniversitesi, July, 2021  
Post Graduate, Post Graduate, Sağlık Bilimleri Üniversitesi, June, 2021  
Post Graduate, Post Graduate, Sağlık Bilimleri Üniversitesi, June, 2021  
Doctoral Examination, Doctoral Examination, Yeditepe Üniversitesi, February, 2021  
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Kocaeli Üniversitesi, January, 2021

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Advances in In Vitro Blood-Air Barrier Models and the Use of Nanoparticles in COVID-19 Research.**  
Sevinç Ozdemir N., Belyaev D., Castro M. N., Balakin S., Opitz J., Wihadmadyatami H., Anggraeni R., Yücel D., Kenar H., Beshchasna N., et al.  
Tissue engineering. Part B, Reviews, vol.30, no.1, pp.82-96, 2024 (SCI-Expanded)
- II. **Composite sponges from sheep decellularized small intestinal submucosa for treatment of diabetic wounds**  
Magden G. K., VURAL Ç., YAPRAK BAYRAK B., Ozdogan C. Y., KENAR H.  
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.36, no.1, pp.113-127, 2021 (SCI-Expanded)
- III. **Poly(asymmetrical glycolide)s: The Mechanisms and Thermosensitive Properties**  
Cetin D., Arican M. O., Kenar H., MERT S., MERT O.  
MACROMOLECULES, vol.54, no.1, pp.272-290, 2021 (SCI-Expanded)
- IV. **An in vitro 3D diabetic human skin model from diabetic primary cells**  
Ozdogan C. Y., Kenar H., Davun K. E., Yücel D., Doğer E., Alagoz S.  
BIOMEDICAL MATERIALS, vol.16, no.1, 2021 (SCI-Expanded)
- V. **A universal self-eroding sacrificial bioink that enables bioprinting at room temperature**  
AYDIN L., KÜÇÜK S., Kenar H.  
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.31, no.7, pp.1634-1647, 2020 (SCI-Expanded)
- VI. **Mapping the Molecular Basis and Markers of Papillary Thyroid Carcinoma Progression and Metastasis Using Global Transcriptome and microRNA Profiling**  
Akyay O. Z., Gov E., Kenar H., ARĞA K. Y., SELEK A., Tarkun I., CANTÜRK Z., Cetinarslan B., Gurbuz Y., Sahin B.  
OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY, vol.24, no.3, pp.148-159, 2020 (SCI-Expanded)

- VII. **In vitro antibacterial activity of ciprofloxacin loaded chitosan microparticles and their effects on human lung epithelial cells.**  
Kucukoglu V., Uzuner H., Kenar H., Karadenizli A.  
International journal of pharmaceutics, vol.569, pp.118578, 2019 (SCI-Expanded)
- VIII. **Microfibrous scaffolds from poly(1-lactide-co-ε-caprolactone) blended with xeno-free collagen/hyaluronic acid for improvement of vascularization in tissue engineering applications.**  
Kenar H., Ozdogan C., Dumlu C., Doger E., Kose G., Hasirci V. N.  
Materials science & engineering. C, Materials for biological applications, vol.97, pp.31-44, 2019 (SCI-Expanded)
- IX. **An in vitro human skeletal muscle model: co-culture of myotubes, neuron-like cells and the capillary network.**  
Ertan A. B., Kenar H., Beyzadeoğlu T. B., Kök F. N., Köse G.  
Turkish Journal Of Biology, vol.41, no.3, pp.514-525, 2017 (SCI-Expanded)
- X. **Skeletal muscle patch engineering on synthetic and acellular human skeletal muscle originated scaffolds.**  
Ay B., Karaoz E., Kesemenli C., Kenar H.  
Journal of biomedical materials research. Part A, vol.105, pp.879-890, 2017 (SCI-Expanded)
- XI. **Cardiomyogenic differentiation potential of human lipoaspirate derived stem cells on hyaluronic acid/gelatin plasma gels.**  
Göv E., Kenar H., Halbutoğulları Z. S., Arğa K. Y., Karaöz E.  
Turkish Journal Of Biology, vol.40, no.2, pp.369-379, 2016 (SCI-Expanded)
- XII. **Production of a composite hyaluronic acid/gelatin blood plasma gel for hydrogel-based adipose tissue engineering applications.**  
Korurer E., Kenar H., Doger E., Karaoz E.  
Journal of biomedical materials research. Part A, vol.102, pp.2220-9, 2014 (SCI-Expanded)
- XIII. **Collagen scaffolds with in situ-grown calcium phosphate for osteogenic differentiation of Wharton's jelly and menstrual blood stem cells**  
Karadas O., Yucel D., Kenar H., Kose G. T., Hasirci V.  
JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, vol.8, no.7, pp.534-545, 2014 (SCI-Expanded)
- XIV. **Femtosecond laser treatment of 316L improves its surface nanoroughness and carbon content and promotes osseointegration: An in vitro evaluation**  
KENAR H., AKMAN E., KAÇAR E., Demir A., Park H., Abdul-Khaliq H., Aktas C., Karaoz E.  
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.108, pp.305-312, 2013 (SCI-Expanded)
- XV. **The short- and long- term effects of estrogen deficiency on apoptosis in musculoskeletal tissues: an experimental animal model study.**  
Aydin A., Kenar H., Atmaca H., Alici T., Gacar G., Müezzinoğlu Ü., Karaöz E.  
Archives of Iranian medicine, vol.16, pp.271-6, 2013 (SCI-Expanded)
- XVI. **Effect of low level laser therapy and zoledronate on the viability and ALP activity of Saos-2 cells**  
Bayram H., Kenar H., Tasar F., HASIRCI V. N.  
INTERNATIONAL JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY, vol.42, no.1, pp.140-146, 2013 (SCI-Expanded)
- XVII. **A 3D aligned microfibrous myocardial tissue construct cultured under transient perfusion.**  
Kenar H., Kose G., Toner M., Kaplan D., Hasirci V. N.  
Biomaterials, vol.32, pp.5320-9, 2011 (SCI-Expanded)
- XVIII. **A Comprehensive Characterization Study of Human Bone Marrow MSCs with an Emphasis on Molecular and Ultrastructural Properties**  
Karaoz E., Okcu A., GACAR G., Saglam O., Yuruker S., KENAR H.  
JOURNAL OF CELLULAR PHYSIOLOGY, vol.226, no.5, pp.1367-1382, 2011 (SCI-Expanded)
- XIX. **Design of a 3D aligned myocardial tissue construct from biodegradable polyesters.**  
Kenar H., Kose G., Hasirci V. N.  
Journal of materials science. Materials in medicine, vol.21, pp.989-97, 2010 (SCI-Expanded)

- XX. **Chemical and topographical modification of PHBV surface to promote osteoblast alignment and confinement.**  
Kenar H., Kocabas A., Aydinli A., Hasirci V. N.  
Journal of biomedical materials research. Part A, vol.85, pp.1001-10, 2008 (SCI-Expanded)
- XXI. **Novel surface patterning approaches for tissue engineering and their effect on cell behavior.**  
Hasirci V. N., Kenar H.  
Nanomedicine (London, England), vol.1, pp.73-90, 2006 (SCI-Expanded)
- XXII. **Tissue engineering of bone on micropatterned biodegradable polyester films.**  
Kenar H., Köse G., Hasirci V. N.  
Biomaterials, vol.27, pp.885-95, 2006 (SCI-Expanded)
- XXIII. **Macroporous poly(3-hydroxybutyrate-co-3-hydroxyvalerate) matrices for bone tissue engineering**  
Köse G., Kenar H., Hasirci N., Hasirci V. N.  
BIOMATERIALS, vol.24, no.11, pp.1949-1958, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Tıp alanında üç boyutlu baskı uygulamalarındaki gelişmeler**  
HASIRCI V. N., YÜCEL D., KENAR H., SELAMET H., BAŞÖZ D., Çam N., Kıratlı K.  
TOTBİD Dergisi, vol.21, no.1, pp.102-111, 2022 (Peer-Reviewed Journal)
- II. **DİYOT LAZERİN TİP 2 DİYABETİK İNSAN DERMAL FİBROBLAST HÜCRELERİNİN ÇOĞALMA VE KOLLAJEN ÜRETİMİNE ETKİSİ**  
Yılmaz Özdoğan C., Kenar H.  
Kocaeli Üniversitesi Sağlık Bilimleri Dergisi, vol.7, no.2, pp.174-180, 2021 (Peer-Reviewed Journal)
- III. **A comparative study of growth and osteogenic/adipogenic differentiation of human Wharton's Jelly stem cells under xenogenic and xeno-free culture conditions**  
Kenar H., Okçu A., Erman G., Karaöz E.  
Turkish Journal of Molecular Biology & Biotechnology, vol.1, no.2, pp.55-66, 2016 (Peer-Reviewed Journal)
- IV. **Design and Construction of a Novel Micro-Extrusion System for Bioprinting Applications**  
Aydın L., Küçük S., Kenar H.  
International Journal of Applied Mathematics, Electronics and Computers, vol.4, pp.52-56, 2016 (Peer-Reviewed Journal)
- V. **The Effect of Light Curing Units on Proliferation and Senescence of Human Dental Pulp Mesenchymal Stem Cells.**  
Yalçın, Yalçın M., Kenar H., Dayı B., Şişman R., Karaöz E.  
International Journal of Dental Sciences and Research, vol.4, no.1, pp.10-16, 2016 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Hidrojellerin Özellikleri ve Hazırlanmaları**  
Doğruel T., Sevinç Özdemir N., Kenar H.  
in: Doku Mühendisliği Hidrojeller ve Biyomürekkepler 3- Boyutlu Organ Yapımı, Nesrin HASIRCI, Vasif HASIRCI, Editor, ODTÜ Yayıncılık, Ankara, pp.49-68, 2023
- II. **Nano-Mikrobiyomalzemelerin biyoteknolojide işlevi**  
Kenar H., Yücel D., Çitoğlu S., Hasirci V. N.  
in: Nanobiyoteknoloji, Ata Akın, Editor, Türkiye Klinikleri Yayınevi, Ankara, pp.47-57, 2021
- III. **Nano-Mikrobiyomalzemelerin biyoteknolojide işlevi**  
KENAR H., YÜCEL D., Çitoğlu S., HASIRCI V. N.  
in: Türkiye Klinikleri Biyomedikal - Özel Konular - Nanobiyoteknoloji, AKIN ATA, Editor, Türkiye Klinikleri Yayınevi, İstanbul, pp.47-57, 2021

- IV. **Nanotechnology in Biomaterials: Nanofibers in Tissue Engineering**  
YÜCEL D., KENAR H., Ndreu A., ENDOĞAN TANIR T., HASIRCI N., HASIRCI V. N.  
in: Bionanotechnology II Global Prospects, Reisner David E., Editor, CRC press, Florida, pp.195-226, 2012
- V. **Nanotechnology in Biomaterials: Nanofibers in Tissue Engineering**  
Yücel D., Kenar H., Ndreu A., Endoğan T., Hasırcı N., Hasırcı V. N.  
in: Bionanotechnology II Global Prospects, David E. Reisner, Editor, CRC, New York , Florida, pp.195-226, 2012
- VI. **Polyhydroxyalkanoates: a Versatile Class of Biopolymers, and Their Biomedical Potential**  
HURİ P., YÜCEL D., KENAR H., HASIRCI V. N.  
in: Brazilian Network on Green Chemistry Awareness Responsibility and Action, J. O. Beserra Carioca, Editor, UFC: Fortaleza, pp.415-431, 2008

## Refereed Congress / Symposium Publications in Proceedings

- I. **Hücreleştirilmiş Plasental Membranın Potansiyel Kardiyak Doku Yaması Olarak Mikroskopik İncelenmesi**  
Uzunkaya B., Özüürün T., Demirci M. O., Çıbık Ö., Köle G. E., Kenar H., Hasırcı V. N.  
26. Ulusal Elektron Mikroskopi Kongresi, Eskişehir, Turkey, 20 - 23 September 2023, pp.332
- II. **Optimization of Culture Conditions in Human Skin Equivalents**  
Yücel D., Kenar H.  
26. Ulusal Elektron Mikroskopi Kongresi, Eskişehir, Turkey, 20 - 23 September 2023, pp.93
- III. **Microscopic Examination of 3D Vascular Graft and Cell Behavior on The Construct**  
Köle G. E., Koyluoglu Y. O., Kenar H., Hasırcı V. N., Yücel D.  
26. Ulusal Elektron Mikroskopi Kongresi, Eskişehir, Turkey, 20 - 23 September 2023, pp.277
- IV. **Formation of the alveolar epithelium on nanofibrous meshes: in vitro blood-air barrier model for viral infection studies**  
Sevinç Özdemir N., Köle G. E., Kenar H., Hasırcı V. N.  
26. Ulusal Elektron Mikroskopi Kongresi, Eskişehir, Turkey, 20 - 23 September 2023, pp.111
- V. **An in vitro blood-air barrier model based on electrospun poly( $\epsilon$ -caprolactone) meshes as the basement membrane mimic**  
Sevinç Özdemir N., Kenar H., Hasırcı V. N.  
33rd Annual Conference of the European Society for Biomaterials, Chur, Switzerland, 4 - 08 September 2023, pp.116
- VI. **Assembly of multilayered tissue engineered vascular equivalent with a biomimetic approach.**  
Köle G. E., Koyluoglu Y. O., Kenar H., Hasırcı V. N., Yücel D.  
33rd Annual Conference of the European Society for Biomaterials 2023, Zürich, Switzerland, 4 - 08 September 2023, pp.97
- VII. **Generation of a Tissue Engineered Blood-Air Barrier Model to Study Respiratory Viral Infections in vitro**  
Sevinç Özdemir N., Kenar H., Hasırcı V. N.  
26th International Biomedical Science and Technology Symposium (BIOMED'22), Ankara, Turkey, 26 - 27 November 2022, pp.120
- VIII. **Construction Of Hydroxyapatite/Poly(GlycerolSebacate)/Poly(Lactic Acid) Composite Bone Tissue Scaffolds Via Three-Dimensional Printing**  
Coşkun Kirathı K., Kenar H., Hasırcı V. N., Gündoğdu Ö.  
26th International Biomedical Science and Technology Symposium (BIOMED'22), Ankara, Turkey, 26 - 27 November 2022, pp.95
- IX. **Bone and Cardiac Muscle Tissue Engineering Through 3D Printing**  
Kenar H., Coşkun Kirathı K., Doğruel T.  
New Frontiers of Natural Sciences: 1st International Selçuk Meeting (NFNS2022) , Konya, Turkey, 17 - 19 October 2022, pp.12

- X. **Integration of Mesenchymal Stem Cell-Derived Fibroblast Loaded Hydrogel over the Tubular Scaffold to Mimic the External Layer of Blood Vessel**  
Yücel D., Hasırcı V. N., Kenar H., Köle G. E.  
European Society for Biomaterials 2022 (ESB 2022), Bordeaux, France, 4 - 08 September 2022, pp.1
- XI. **Improvement of Epithelial and Endothelial Cell Attachment and Proliferation Rate on the Poly(caprolactone) Microfibrous Meshes**  
Sevinç Özdemir N., Kenar H., Hasırcı V. N.  
32nd Annual Conference of the European Society for Biomaterials, Bordeaux, France, 4 - 08 September 2022, pp.520
- XII. **Integration of Mesenchymal Stem Cell-Derived Fibroblast Loaded Hydrogel over the Tubular Scaffold to Mimic the External Layer of Blood Vessel**  
KÖLE G. E., KENAR H., HASIRCI V. N., YÜCEL D.  
32nd Annual Conference of the. European Society for Biomaterials ESB 2022, Bordeaux, France, 4 - 08 September 2022
- XIII. **Development of a polyester based vascular equivalent with human mesenchymal stem cell derived smooth muscle cells and endothelial cells.**  
Köle G. E., Kenar H., Hasırcı V. N., Yücel D.  
TERMIS 6th World Congress, Maastricht, Netherlands, 15 - 19 November 2021, vol.28, no.929, pp.262
- XIV. **Developing an in vitro functional heart muscle model from human iPSC derived cardiomyocytes**  
Kenar H., Aydın L., Coşkun K.  
IFSHC Workshop 2021, Praha, Czech Republic, 6 - 09 September 2021, pp.4
- XV. **Construction of a vascular equivalent: mimicking tunica media and tunica intima of artery.**  
Köle G. E., Kenar H., Hasırcı V. N., Yücel D.  
HSM Conference 2021, Budapest, Hungary, 13 May 2021
- XVI. **Biocompatible ChitosanGelMA Interpenetrating Networks as Bioinks for 3D Bioprinting**  
Durgun A. M., Ergül H. A., Kenar H.  
BIOMED2019, İzmir, Turkey, 17 - 20 October 2019, vol.1, pp.152
- XVII. **Construction of a Bilayer Tissue Engineered Blood Vessel**  
Köle G. E., Kenar H., Yücel D., Hasırcı V. N.  
BIOMED 2019, İzmir, Turkey, 17 - 20 October 2019, pp.159
- XVIII. **Gelma Based Bioinks For 3d Printing Applications.**  
Kenar H., Ergül H. A.  
BioMIC 2019, Yogyakarta, Indonesia, 12 - 13 September 2019, pp.90
- XIX. **Biyoaktif ve Antimikrobiyal Özelliğe Sahip Nano/mikro Fiber Yapılı Yara Örtüleri.**  
Kenar H., Karadenizli A.  
International Symposium on Academic Studies in Science, Engineering and Architecture Studies, Ankara, Turkey, 13 - 15 June 2019, pp.105
- XX. **AGRESİF VE AGRESİF OLMAYAN PAPİLLER TİROİDKARSİNOMUNDA MİRNA VE MRNA EKSPRESYONPROFİLLERİNİN VE GEN MİRNA İLİŞKİSİNİN BELİRLENİP BİYOLOJİK AĞLARLA İLİŞKİLENDİRİLMESİ**  
AKYAY Ö. Z., GÖV E., KENAR H., TARKUN İ., CANTÜRK Z., ARSLAN B., GÜRBÜZ Y. S., arga k. y., SELEK A.  
41. Türkiye Endokrinoloji ve Metabolizma Hastalıkları Kongresi, Antalya, Turkey, 27 April - 01 May 2019
- XXI. **Diyabetik Ayak İnfeksiyonlarının Antimikrobiyal Tedavisinde Kullanılabilecek Siprofloksasin ve Amfoterisin B Yüklü Kitosan Mikropartiküller**  
ÖZASLAN V., UZUNER H., KARADENİZLİ A., KENAR H.  
V. Ulusal Diyabetik Ayak İnfeksiyonları Simpozyumu - Uluslararası Katılımlı, İzmir, Turkey, 3 - 06 May 2018, pp.66
- XXII. **Effects of retigabine on endoplasmicreticulum stress induced by thapsigargin and tunicamycin in PC12 cells a comparative study**  
KARADENİZLİ S., ŞAHİN D., KENAR H., Yılmaz Özdoğan C., ATEŞ N.  
Society of Neuroscience 2017, Washington, Kiribati, 11 - 15 November 2017
- XXIII. **Synthesis, Characterization, and Properties of PEG Based Poly(Izobutyl Methyl Glycolide)**

## **Copolymers**

Çetin D., Arican m. o., KENAR H., MERT O.

5th BAU Drug Design Congress, 19 - 21 October 2017

- XXIV. **Design and Construction of a Bio-Gun for Real Time Tissue Reconstruction**  
Aydın L., KENAR H.  
International Symposium of Materials on Regenerative Medicine 2017 (2017ISOMRM), 23 - 26 August 2017
- XXV. **Hydrogels for 3D printing tissue scaffolds and cell-laden tissue constructs**  
KENAR H.  
International Symposium of Materials on Regenerative Medicine 2017 (2017ISOMRM), 23 - 26 August 2017
- XXVI. **Atelocollagen-based hydrogels for wound healing**  
Yılmaz Özdoğan C., DOĞER E., KENAR H.  
22nd International Biomedical Science and Technology Symposium (BIOMED 2017), 12 - 14 May 2017
- XXVII. **Antibacterial activity of ciprofloxacin loaded chitosan microparticles against E. coli and P. aeruginosa and their cytotoxic effect on human lung epithelial cells**  
Özaslan V., UZUNER H., KARADENİZLİ A., Yılmaz Özdoğan C., KENAR H.  
22nd International Biomedical Science and Technology Symposium (BIOMED 2017), 12 - 14 May 2017
- XXVIII. **3D Bioprinting of a Natural Polymer-Ceramic based composite Bio-Ink for Bone Tissue Engineering Applications**  
Aydın L., DEMİRKOL N., KENAR H.  
2nd International Symposium on 3D Printing Technologies (3D-PTS2017), 3 - 04 April 2017
- XXIX. **Design and construction of a compact micro extrusion system for bio printing applications**  
Aydın L., KÜÇÜK S., KENAR H.  
IV. International Bioengineering Conference, 13 October 2016
- XXX. **Vascular complications associated with gestational diabetic mothers and their newborn**  
Wulamujiang A., DOĞER E., Kara G., Yılmaz C., Özaslan V., MÜEZZİNOĞLU B., ÖZBEK B., CANTÜRK Z., Çetinarslan B., TARKUN İ., et al.  
3rd Heidelberg International Symposium on Diabetic Complications 2016, 6 - 08 October 2016
- XXXI. **Design and Construction of a Novel Micro Extrusion System for Bioprinting Applications**  
Aydın L., KÜÇÜK S., KENAR H.  
3rd International Conference on Advanced Technology & Sciences (ICAT'16), 1 - 03 October 2016
- XXXII. **Decellularized Sheep SIS Sponges for treatment of Diabetic Wounds**  
Kara G., VURAL Ç., Bayrak B. Y., Yılmaz C., KENAR H.  
21st International Biomedical Science and Technology Symposium (BIOMED 2015), 22 - 24 October 2015
- XXXIII. **Development of a Vascularized Stem Cell Based Myocardial Tissue Patch on Microfibrous Polymeric Scaffolds**  
KENAR H., Yılmaz C., DOĞER E., KÖSE G., HASIRCI V. N.  
21st International Biomedical Science and Technology Symposium (BIOMED 2015), 22 - 24 October 2015
- XXXIV. **DOKU VE ORGAN BİYO YAZDIRMA AMAÇLI 3B BİYO YAZICI TASARIMI VE GELİŞTİRİLMESİ DESGİN AND CONSTRUCTION OF A 3D BIOPRINTER FOR BIOPRINTING OF TISSUES AND ORGANS**  
Aydın L., KÜÇÜK S., KENAR H.  
TIPTEKNO 2015, Turkey, 15 - 18 October 2015, vol.15
- XXXV. **Kuzu İnce Bağırsak Submukozasından Hücrelerinden Arındırma Yöntemi İle Biyouyumlu Yara Örtüsü Eldesi**  
Kara G., KENAR H.  
11. Ulusal Kimya Mühendisliği Kongresi, 2 - 05 September 2014
- XXXVI. **Microscopy techniques in muscle tissue engineering**  
KENAR H., HASIRCI V. N., KÖSE G., Cansu M., KESEMENLİ C. C., Erdal K.  
Microscopy Conference (MC) 2013, 25 - 30 August 2013
- XXXVII. **Skeletal Muscle Tissue Formation Potential of Acellular Skeletal Muscle Originated Native and Semi Synthetic Scaffolds Loaded with Human Myoblasts and Mesenchymal Stem Cells**  
KENAR H., Ay B., KESEMENLİ C. C., HASIRCI V. N., Erdal K.



TERMIS EU 2013, 17 - 20 June 2013

**XXXVIII. Electrospinning and Characterization of Oriented PLA PCL 70 30 Hyaluronic acid Collagen Microfibrous Scaffolds for Tissue Engineering Applications**

Cansu M., KENAR H., DOĞER E., HASIRCI V. N.

TERMIS EU 2013, 17 - 20 June 2013

**XXXIX. 316 Paslanmaz Çelik Yüzeylerde Femtosaniye Lazer ile Mikro ve Nanoyapıların Oluşturulması ve Biyolojik Uygulamaları**

AKMAN E., KENAR H., GENÇ ÖZTOPRAK B., GÜNEŞ M., KAÇAR E., GÜNDOĞDU Ö., DEMİR A.

14. Ulusal Optik, Elektro-Optik ve Fotonik Çalıştayı, Turkey, 14 September 2012

**XL. Human Skeletal Muscle Tissue Engineering On Electrospun Parallel Fiber Mats**

Ay B., KENAR H., Karaöz E., KESEMENLİ C. C., HASIRCI V. N.

18th International Biomedical Science and Technology Symposium (BIOMED 2012), 10 - 13 September 2012

**XLI. Electrospinning and Characterization of Oriented Semi Synthetic Scaffolds for Tissue Engineering Applications**

Muratgöl C., KENAR H., HASIRCI V. N.

18th International Biomedical Science and Technology Symposium (BIOMED 2012), 10 - 13 September 2012

**XLII. Cardiomyogenic Differentiation Of Human Lipoaspirate Derived Stem Cells On Hyaluronic Acid Gelatin Blood Plasma Gels**

KORURER E., KENAR H., Ünal Z. S., Karaöz E.

18th International Biomedical Science and Technology Symposium (BIOMED 2012), 10 - 13 September 2012

**XLIII. Production of a Composite Hyaluronic Acid Gelatin Blood Plasma Gel for Soft Tissue Engineering Applications**

KORURER E., KENAR H., DOĞER E., Karaöz E.

3rd TERMIS World Congress 2012, 5 - 08 September 2012

**XLIV. Generation of Prevascularized Muscle Tissue Constructs by Coculture of Skeletal Muscle Stem Cells with Endothelial Cells**

KENAR H., KÖSE G., KESEMENLİ C. C., Karaöz E., HASIRCI V. N.

3rd TERMIS World Congress 2012, 5 - 08 September 2012

**XLV. Hemocompatible Carbon Based Biosurfaces for Cardiovascular Implants**

Aktaş C., KENAR H., Miro M., Anschütz D., Karin L., Schütt J., Brück S., Haidar A., Karaöz E., AbdulKhaliq H.

46th Annual Meeting of the Association for European Paediatric and Congenital Cardiology, 23 - 26 May 2012

**XLVI. The short and long term effects of osteoporosis on apoptosis in musculoskeletal tissues An experimental animal model study**

AYDIN A., KENAR H., ATMACA H., ALICI T., GACAR G., MÜEZZİNOĞLU Ü. S., KARAÖZ E.

2nd IOF-ESCEO Pre-clinical Symposium- IOF-ECCEO12 European Congress on Osteoporosis and Osteoarthritis., Bordeaux, France, 21 - 24 March 2012, vol.23, pp.406

**XLVII. The Effect of Different Dental Light Curing Units on Human Dental Pulp Stem Cells**

YALÇIN M., KENAR H., DAYI B., Gözlek R., Karaöz E.

The 5th ConsEuro Meeting, 13 - 15 October 2011

**XLVIII. İskele Temelli Mekanik Etkilerin Mezenkimal Kök Hücrelerin Kas Hücrelerine Farklılaşmasına Etkisi**

KORURER E., KENAR H., Karaöz E.

1. Kök Hücre Araştırmaları Kongresi (Uluslararası Katılımlı), Turkey, 28 September - 02 October 2011

**XLIX. İskelet Kası Doku Mühendisliğinde Mezenkimal Kök Hücre Kullanımı**

KENAR H.

1. Kök Hücre Araştırmaları Kongresi (Uluslararası Katılımlı), Turkey, 28 September - 02 October 2011

**L. İskelet Kası Rejenerasyonu Amaçlı İn Vitro Üç Çeşit Hücre Kültürü Eldesi İnsan Nöron benzeri Hücrelerin Miyofiberlerin ve Endotel Hücrelerin Ko kültürü**

Özdeşlik R. N., KENAR H., Karaöz E.

1. Kök Hücre Araştırmaları Kongresi (Uluslararası Katılımlı), Turkey, 28 September - 02 October 2011

**LI. İnsan Göbek Bağı Dokusu Kaynaklı MKH lerin Pluripotent Özelliklerinin İn Vitro Koşullarda Araştırılması**

KENAR H., Okçu A., DURUKSU G., Subaşı C., Karaöz E.

1. Uluslararası Katılımlı Kök Hücre Sempozyumu, Turkey, 29 September - 01 October 2010

- LII. **A Comprehensive Characterization Study of Human Bone Marrow Mesenchymal Stem Cells with an Emphasis on Molecular and Ultrastructural Properties**  
Karaöz E., Okçu A., GACAR G., YÜRÜKER A. C. S., KENAR H.  
17th International Microscopy Congress, 19 - 24 September 2010
- LIII. **Fetal Stem Cells in Tissue Engineering Applications**  
YÜCEL D., KENAR H., KARADAŞ Ö., Bayyurt B., KÖSE G., HASIRCI N., HASIRCI V. N.  
Final Scientific Meeting of EXPERTISSUES, 1st Meeting of the European Institute of Excellence in Tissue Engineering and Regenerative Medicine, 26 - 27 July 2010
- LIV. **Wharton Jelly MSC Behavior on Electrospun Biodegradable Polymer Mats**  
KENAR H., YÜCEL D., KARADAŞ Ö., KÖSE G., HASIRCI V. N.  
Final Scientific Meeting of EXPERTISSUES, 1st Meeting of the European Institute of Excellence in Tissue Engineering and Regenerative Medicine, 26 - 27 July 2010
- LV. **Effect of LLLT application on saos 2-human osteoblast like cells in terms of proliferation and ALP activity:a preliminary study.**  
Bayram H., Taşar F., KENAR H., Hasırcı V. N., KÖSEOĞLU O. T.  
World Federation for Laser Dentistry Kongress,Dubai, 15 - 18 July 2010
- LVI. **New Biodegradable Polyester Blend As A Potential Material For Myocardial Patches**  
KENAR H., KÖSE G., HASIRCI V. N.  
TERMIS EU Meeting, 13 - 17 June 2010
- LVII. **Mikrokanallı Polimerik Yapılar Wharton s Jelly Mezenşimal Kök Hücrelerinin Bölünmesinde Etkili Mi**  
KENAR H., YÜCEL D., HASIRCI V. N.  
BIYOMUT 2008, Turkey, 29 - 31 May 2010
- LVIII. **Poli Gliserol Sebasat ın Polilaktid Temelli Doku Mühendisliği İskelelerinin Özelliklerine Etkisi**  
KENAR H., KÖSE G., HASIRCI V. N.  
. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Turkey, 12 - 14 May 2010
- LIX. **Polyhydroxyalkanoates in Tissue Engineering**  
KENAR H., YÜCEL D., HURİ P., HASIRCI N., HASIRCI V. N.  
5th European Symposium on Biopolymers, 18 - 20 November 2009
- LX. **Polyhydroxyalkanoates in tissue engineering**  
KENAR H., YÜCEL D., HURİ P., HASIRCI N., HASIRCI V. N.  
5th European Symposium on Biopolymers, ESBP 2009, Madeira, Portugal, 18 - 20 November 2009
- LXI. **Kas Dokusu Onarımında Doku Mühendisliği Yaklaşımları ve Kök Hücre Tedavileri**  
HURİ P., KENAR H., HASIRCI V. N.  
21. Ulusal Türk Ortopedi ve Travmatoloji Kongresi, İzmir, Turkey, 3 - 05 November 2009
- LXII. **3D Patterned Cardiac Tissue Construct From Biodegradable Polyesters**  
KENAR H., KÖSE G., HASIRCI V. N.  
22nd European Conference on Biomaterials, ESB 2009, 8 - 12 September 2009
- LXIII. **Mesenchymal Stem Cells of Menstrual Blood and Wharton s Jelly Origin And Collagen HAP Composite Scaffolds in Bone Tissue Engineering**  
KARADAŞ Ö., KENAR H., YÜCEL D., HASIRCI V. N.  
15th International Biomedical Science And Technology Symposium, BIOMED 2009, 16 - 19 August 2009
- LXIV. **3D Aligned Myocardial Tissue Construct From Biodegradable Polyesters and Human MSCs**  
KENAR H., KÖSE G., HASIRCI V. N.  
15th International Biomedical Science and Technology Symposium, BIOMED 2009, 16 - 19 August 2009
- LXV. **Collagen and polyester based scaffolds for tissue engineering**  
HASIRCI V. N., KENAR H., YÜCEL D., Zorlutuna P., HURİ P., KÖSE G., HASIRCI N.  
237th ACS National Meeting & Exposition 2009, 22 - 26 March 2009
- LXVI. **Is Wharton s Jelly MSC Division Influenced by Substrate Microgrooves**  
KENAR H., YÜCEL D., Akhmetova L., HASIRCI V. N.

14th International Biomedical Science & Technology Symposium 2008, 3 - 07 May 2008

- LXVII. **Fabrication of Nano Size Polyester Fibers by Electrospinning**  
YÜCEL D., KENAR H., Bella E., KÖSE G., Migliaresi C., Motta A., HASIRCI V. N.  
Trento Innovation Conferences in Materials Engineering (TICME), 1st Meeting: Advances in Polymers, Composites and Biomaterials 2007, 16 - 19 December 2007
- LXVIII. **Polyhydroxyalkanoates A Versatile Class of Biopolymers and Their Biomedical Potential**  
HURİ P., YÜCEL D., KENAR H., HASIRCI V. N.  
1st Brazilian Workshop On Green Chemistry 2007, 18 - 21 November 2007
- LXIX. **Polymeric Nanobiomaterials in Drug Delivery and Tissue Engineering**  
HASIRCI V. N., KENAR H., YÜCEL D., ZORLUTUNA P., HURİ P., BAŞMANAV B., BAYYURT B., NDREU A., KÖSE G., HASIRCI N.  
International Workshop on Nanobiotechnology and Genome Technologies, Antalya, Turkey, 31 October - 03 November 2007
- LXX. **Polymeric Nanobiomaterials in Drug Delivery and Tissue Engineering**  
HASIRCI V. N., KENAR H., YÜCEL D., Zorlutuna P., HURİ P., Başmanav B., Bayyurt B., Ndreu A., KÖSE G., HASIRCI N.  
International Workshop on Nanobiotechnology and Genome Technologies 2007, 31 October - 03 November 2007
- LXXI. **Effect Of Polyester Type And Fiber Size On Wharton s Jelly Mesenchymal Stem Cell Attachment**  
YÜCEL D., KENAR H., Bella E., KÖSE G., Migliaresi C., HASIRCI V. N.  
ESBP2007, 2 - 04 October 2007
- LXXII. **Neural And Cardiomyogenic Lineage Markers Expressed By Wharton s Jelly Mesenchymal Stem Cells**  
KENAR H., YÜCEL D., Kaplan D., Toner M., KÖSE G., HASIRCI V. N.  
13th Biomedical Science & Technology Symposium 2007, 26 - 28 August 2007
- LXXIII. **Expression Of Neural and Cardiomyogenic Lineage Markers By Mesenchymal Stem Cells From Human Bone Marrow And Wharton s Jelly**  
YÜCEL D., KENAR H., Sethu P., Parashurama N., HASIRCI V. N., Kaplan D., Toner M.  
2nd Annual Methods In Bioengineering Conference 2007, 12 - 13 July 2007
- LXXIV. **Micropatterned Polymeric Films Designed for Neo Organ Preparation**  
KENAR H., AYDINLI A., HASIRCI V. N.  
Regenerate World Congress on Tissue Engineering and Regenerative Medicine 2006, 24 - 27 April 2006
- LXXV. **Behaviour of Osteoblasts and Osteosarcoma Cells on Micropatterned Biological and Synthetic Polyesters**  
YÜCEL D., KENAR H., KÖSE G., HASIRCI V. N.  
European Symposium on Biopolymers 2005, 24 - 25 November 2005
- LXXVI. **Influence of Surface Topography Chemistry and Cell Type on Cell TE Carrier Interactions**  
HASIRCI V. N., YÜCEL D., KENAR H., KÖSE G.  
12 th Biomedical Science and Technology Symposium 2005, 20 - 23 September 2005
- LXXVII. **Micropatterned Polymeric Surfaces For Neo Organ Preparation**  
KENAR H., Kıyat İ., TEZCANER A., AYDINLI A., HASIRCI V. N.  
6th International Symposium on Frontiers in Biomedical Polymers, FBPS 2005, 16 - 19 June 2005
- LXXVIII. **Investigation of the Mechanical and Surface Properties of Cell Seeded and Unseeded Biodegradable Polymers**  
Henry J., KENAR H., Pandit A., HASIRCI V. N.  
6th International Symposium on Frontiers in Biomedical Polymers, FBPS 2005, 16 - 19 June 2005
- LXXIX. **Role of Guidance in Bone Tissue Engineering**  
KENAR H., KÖSE G., HASIRCI V. N.  
11th International Biomedical Science and Technology Days 2004, 6 - 10 September 2004
- LXXX. **Design of Micropatterned Polymeric Surfaces for Neo Organ Preparation Using Nanotechnological Approaches**  
KENAR H., Kıyat İ., TEZCANER A., AYDINLI A., HASIRCI V. N.  
11th International Biomedical Science and Technology Days 2004, 6 - 10 September 2004
- LXXXI. **In vitro bone tissue engineering guided by surface properties**

KENAR H., KÖSE G., HASIRCI V. N.

10th Biomedical Science and Technology Symposium (BIOMED 2003), 10 - 12 October 2003

**LXXXII. Osteoblast Proliferation and Differentiation Guided By Surface Chemistry And Topography**

KENAR H., KÖSE G., HASIRCI V. N.

18th European Conference On Biomaterials (ESB2003), 1 - 04 October 2003

**LXXXIII. Guided Tissue Engineering on Semisynthetic Polymer Surfaces**

KENAR H., KÖSE G., HASIRCI V. N.

The 9th International Symposium on Biomedical Science and Technology (BIOMED 2002), 19 - 22 September 2002

## Supported Projects

Yılmaz Özdoğan C., Kenar H., Karadenizli A., Yaşar E. K., Akpınar G., TÜBİTAK - AB COST Project, In Vitro 3-Boyutlu Tip 2 Diyabetik İnsan Deri Yara Modeli Gelistirilmesi, 2024 - 2027

Göv E., Kenar H., Çapkın Yurtsever M., Kori M., TUBİTAK Project, İlaç Repozisyon Adayı Homoharringtonin/ Omasetaksin'in Over Kanseri Kök Hücreleri Üzerindeki Sitotoksik Etkisinin Belirlenmesi ve Etki Mekanizmasının Sistem Biyolojisi ve Makine Öğrenmesi Temelli Analizlerle Araştırılması, 2024 - 2026

Yücel D., Hasırcı V. N., Kenar H., Kocaoğlu B., TUBİTAK Project, Rotator Manşet Yırtıklarında Kemik-Tendon-Çizgili Kas Dokularının Tedavisine Yönelik Doku Yaması Geliştirilmesi ve İn Vivo Çalışması, 2024 - 2026

Yücel D., Kenar H., Hasırcı V. N., TUBİTAK Project, Doku Mühendisliği Yöntemleriyle Katmanlı, Tübüler, Küçük-Orta Çaplı Damar Dokusu Geliştirilmesi, 2018 - 2022

## Patent

Kenar H., Kara Mağden G., Medikal yara örtüsü malzemesi , Patent, CHAPTER A Human Needs, The Invention Registration Number: 2016 11396 , Standard Registration, 2021

## Memberships / Tasks in Scientific Organizations

Türk Elektron Mikroskopi Derneği, Board Member, 2021 - Continues, Turkey

## Scientific Refereeing

TUBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydınlar University, Turkey, December 2023

TUBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydınlar University, Turkey, December 2023

TUBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydınlar University, Turkey, December 2023

TUBİTAK Project, 3501 - National Young Researcher Career Development Program, Acibadem Mehmet Ali Aydınlar University, Turkey, December 2023

TUBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydınlar University, Turkey, December 2023

TUBİTAK Project, 1002 - Quick Support Program, Acibadem Mehmet Ali Aydınlar University, Turkey, November 2023

TUBİTAK Project, 1002 - Quick Support Program, Acibadem Mehmet Ali Aydınlar University, Turkey, October 2023

TUBİTAK Project, 3501 - National Young Researcher Career Development Program, Acibadem Mehmet Ali Aydınlar University, Turkey, July 2023

TUBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydınlar University, Turkey, June 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, June 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2023

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Acibadem Mehmet Ali Aydinlar University, Turkey, May 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, February 2023

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Acibadem Mehmet Ali Aydinlar University, Turkey, January 2023

TUBITAK Project, 1002 - Quick Support Program, TÜBİTAK, Turkey, January 2023

TUBITAK Project, 2237 - Program for Supporting Project Training Activities, TÜBİTAK, Turkey, December 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, November 2022

TUBITAK Project, 3501 - National Young Researcher Career Development Program, TÜBİTAK, Turkey, November 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, November 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, November 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, November 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, November 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, November 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK, Turkey, August 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, August 2022

TUBITAK Project, 3501 - National Young Researcher Career Development Program, TÜBİTAK, Turkey, July 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, June 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, June 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2022

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2022

EU Supported Other Project, Acibadem Mehmet Ali Aydinlar University, Turkey, March 2022

EU Supported Other Project, Acibadem Mehmet Ali Aydinlar University, Turkey, March 2022

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Acibadem Mehmet Ali Aydinlar University, Turkey, January 2022

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Acibadem Mehmet Ali Aydinlar University, Turkey, December 2021

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Acibadem Mehmet Ali Aydinlar University, Turkey, December 2021

Project Supported by Higher Education Institutions, BAP Research Project, Acibadem Mehmet Ali Aydinlar University, Turkey, December 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, November 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, November 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, November 2021

TUBITAK Project, 1002 - Quick Support Program, Acibadem Mehmet Ali Aydinlar University, Turkey, November 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, November 2021

TÜBİTAK International Bilateral Joint Cooperation Program Project, Ministry of Innovative Development of the Republic of Uzbekistan, MID Uzbekistan Bilateral Joint Cooperation Program, Acibadem Mehmet Ali Aydinlar University, Turkey, October 2021

TÜBİTAK International Bilateral Joint Cooperation Program Project, German Research Foundation, DFG Bilateral Joint Cooperation Program, Acibadem Mehmet Ali Aydinlar University, Turkey, August 2021

TÜBİTAK International Bilateral Joint Cooperation Program Project, With the National Natural Science Foundation of China (NFSC) Joint Cooperation Program, Acibadem Mehmet Ali Aydinlar University, Turkey, August 2021

TÜBİTAK International Bilateral Joint Cooperation Program Project, With the National Natural Science Foundation of China (NFSC) Joint Cooperation Program, Acibadem Mehmet Ali Aydinlar University, Turkey, August 2021

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Acibadem Mehmet Ali Aydinlar University, Turkey, June 2021

TUBITAK Project, 1002 - Quick Support Program, Acibadem Mehmet Ali Aydinlar University, Turkey, June 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2021

TUBITAK Project, 1002 - Quick Support Program, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali Aydinlar University, Turkey, May 2021

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Acibadem Mehmet Ali Aydinlar University, Turkey, April 2021

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Acibadem Mehmet Ali Aydinlar University, Turkey, February 2021

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Acibadem Mehmet Ali Aydinlar University, Turkey, February 2021

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Acibadem Mehmet Ali Aydinlar University, Turkey, January 2021

## Tasks In Event Organizations

Kenar H., BIOMED2023-TR, Scientific Congress, İzmir, Turkey, Ekim 2023

Yücel D., KENAR H., 26. Ulusal Elektron Mikroskopi Kongresi 2023, Scientific Congress, Eskişehir, Turkey, Eylül 2023

Kenar H., ARBAK S., 1st International Microscopy and Spectroscopy Congress, Scientific Congress, Turkey, Eylül 2021

## Scientific Research / Working Group Memberships

Ca21108 - Netskinmodels Wg2: Sophistication Of Cell-Based Models Of Skin Diseases, Wound (Repair) And Ageing, Universitaet Innsbruck, Austria, <https://netskinmodels-cost.com>, 2023 - Continues

## Metrics

Publication: 119

Citation (WoS): 631

Citation (Scopus): 752

H-Index (WoS): 14

H-Index (Scopus): 13

## Congress and Symposium Activities

26. Elektron Mikroskopi Kongresi, Session Moderator, Eskişehir, Turkey, 2023

26. Elektron Mikroskopi Kongresi, Session Moderator, Eskişehir, Turkey, 2023

26th International Biomedical Science and Technology Symposium (BIOMED'22), Session Moderator, Ankara, Turkey, 2022

New Frontiers of Natural Sciences: 1st International Selçuk Meeting (NFNS2022), Invited Speaker, Konya, Turkey, 2022

8th International Turkish Molecular Biology Association Congress (MolBiyKon '22), Session Moderator, İstanbul, Turkey, 2022

IFSHC Workshop 2021, Invited Speaker, Praha, Czech Republic, 2021

## Awards

Kenar H., Araştırmada Üstün Başarı Belgesi, Acıbadem Mehmet Ali Aydınlar Üniversitesi, Mühendislik Fakültesi, Tıp Mühendisliği Bölümü, September 2021