

Asst. Prof. Deniz YÜCEL

Personal Information

Email: deniz.yucel@acibadem.edu.tr

Web: <https://avesis.acibadem.edu.tr/deniz.yucel>

International Researcher IDs

ScholarID: mRqM5JoAAAAJ

ORCID: 0000-0002-1373-5183

Publons / Web Of Science ResearcherID: D-2038-2015

ScopusID: 36779417100

Yoksis Researcher ID: 113835

Education

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biotechnology, Turkey
2003 - 2009

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biotechnology, Turkey
2001 - 2003

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 1996 -
2001

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Other, Deney Hayvanı Kullanım Sertifikası, GATA AR-GE Merkez Başkanlığı Ankara, 2009

Dissertations

Doctorate, Stem cell based nerve tissue engineering on guided constructs, Middle East Technical University, 2009

Postgraduate, Construction of a choline oxidase biosensor, Middle East Technical University, 2003

Research Areas

Life Sciences, Health Sciences, Natural Sciences, Engineering and Technology

Academic Positions

Assistant Professor, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Basic Sciences, 2011 -
Continues

Academic and Administrative Experience

Toplumsal Katkı Komisyonu Üyesi, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Basic Sciences, 2022 - Continues

Measurement and Evaluation Board Member, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Basic Sciences, 2021 - Continues

Assistant Manager of Research and Application Center, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Basic Sciences, 2020 - Continues

Ders Kurulu Başkanı MED 113 Molecular and Cellular Medicine II, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Basic Sciences, 2023 - 2024

Öğrenci Merkezli Eğitim Aktiviteleri Koordinatörü, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Basic Sciences, 2022 - 2023

Stratejik Plan Geliştirme ve İzleme Kurulu Üyesi, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Basic Sciences, 2019 - 2021

Faculty Board Member, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Basic Sciences, 2018 - 2021

Tıp Fakültesi Yıl 1 Koordinatörü, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Basic Sciences, 2016 - 2020

Ders Kurulu Başkanı MED 305 Nervous System and Related Disorders, Acibadem Mehmet Ali Aydinlar University, School Of Medicine, Department Of Basic Sciences, 2012 - 2017

Supervised Theses

Yücel D., Arbak S., Putative effects of hydrogel-stem cell-melatonin combination with or without a scaffold to treat bile duct ligation-induced liver degeneration., Doctorate, G.Özgün(Student), in Progress

Yücel D., Hasırcı V. N., Development of In Vitro Three Dimensional Blood-Brain Barrier Model , Doctorate, G.Ervin(Student), in Progress

Yücel D., Hasırcı V. N., Tissue Engineering of a Biomimetic Bone-Tendon Tissue Equivalent, Doctorate, D.BAŞÖZ(Student), in Progress

Yücel D., Hasırcı V. N., Development of 3D-bioprinted glioblastoma model to mimic in vivo tumor microenvironment, Doctorate, Ş.Işık(Student), in Progress

Yücel D., Coskun A., Mide Kanserinde IGF-I, PAPP-A, IGFBP- 4 ve IGFBP-5'in Serum Konsantrasyonlarının ve in-vitro mRNA Ekspresyonlarının Belirlenmesi ve Kemoterapötik Ajan Kullanımının Hücre Hattına Etkisi, Doctorate, B.CEYLANER(Student), in Progress

Yücel D., Hasırcı V. N., Development of a 3D Bioprinted Scaffold for the Repair of Glial Scar Model in Chronic Spinal Cord Injuries, Postgraduate, A.Akalınlı(Student), 2025

Yücel D., Hasırcı V. N., Cornea tissue engineering using hydrogel and stem cell, Postgraduate, S.FİDE(Student), 2022

Yücel D., Hasırcı V. N., Construction of bifunctional substitute for osteochondral tissue engineering, Postgraduate, D.BAŞÖZ(Student), 2022

Yücel D., Tendon tissue engineering approach using guided platforms and mesenchymal stem cells, Postgraduate, T.ACUNER(Student), 2020

Yücel D., Hasırcı V. N., In vitro development of multilayered construct for blood vessel tissue engineering, Postgraduate, G.ERVİN(Student), 2020

Hasırcı V. N., Yücel D., A BIO AND SYNTHETIC POLYMER BASED NERVE GUIDE TESTED UNDER IN VITRO AND IN VIVO CONDITIONS, Doctorate, T.DURSUN(Student), 2019

Yücel D., Hasırcı V. N., Study on the influence of scaffold inner organization on the treatment of spinal cord injury, Postgraduate, T.DURSUN(Student), 2013

Taught Courses and Trainings

Yücel D., Karahüseyinoğlu S., Aktaş R. G., Fundamentals and Applications of Fluorescence Microscopy in Modern Cell Biology Course, 2012 - 2012

Research Infrastructure Information

Hasircı V. N., Akin A., Yücel D., Kenar H., Gök Ö., Acibadem University Biomaterials Application and Research Center, July 2020

Arbak S., Yücel D., Açıkel Elmas M., Elektron Mikroskopi Laboratuvarı, January 2019

Journal articles indexed in SCI, SSCI, and AHCI

- I. **3D printed PCL-nHAp composite implants for the treatment of segmental bone defects: < i>in vivo</i> application in a rabbit model**
Basoz D., Karaman M., Buyuksungur S., YÜCEL D., Hasircı N., KOCAOĞLU B., HASIRCI V. N.
BIOFABRICATION, vol.17, no.1, 2025 (SCI-Expanded)
- II. **Development of a Tri-Layered Vascular Construct and In Vitro Evaluation of Endothelialization**
Kole G. E., Hasircı V. N., Yucel D.
MACROMOLECULAR BIOSCIENCE, vol.24, no.5, 2024 (SCI-Expanded)
- III. **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., Beshchashna N., et al.
Tissue engineering. Part B, Reviews, vol.30, no.1, pp.82-96, 2024 (SCI-Expanded)
- IV. **Fabrication of a 3D Printed PCL Nerve Guide: In Vitro and In Vivo Testing**
Dursun Usal T., Yesiltepe M., Yucel D., Sara M. Y., Hasircı V. N.
MACROMOLECULAR BIOSCIENCE, vol.22, no.3, 2022 (SCI-Expanded)
- V. **CD4+and CD25+T-cell response to short-time interferon-beta therapy on IL10, IL23A and FOXP3 genes in multiple sclerosis patients**
Gezmis H., Doran T., Mayda Domac F., Yücel D., Karaci R., Kirac D.
INTERNATIONAL JOURNAL OF CLINICAL PRACTICE, vol.75, 2021 (SCI-Expanded)
- VI. **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)
- VII. **3D and 4D Printing of Polymers for Tissue Engineering Applications**
Tamay D. G., Usal T. D., Alagoz A. S., Yucel D., Hasircı N., Hasircı V. N.
FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY, vol.7, 2019 (SCI-Expanded)
- VIII. **A novel GeIMA-pHEMA hydrogel nerve guide for the treatment of peripheral nerve damages**
Usal T. D., Yucel D., Hasircı V.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.121, pp.699-706, 2019 (SCI-Expanded)
- IX. **3D printed poly(epsilon-caprolactone) scaffolds modified with hydroxyapatite and poly(propylene fumarate) and their effects on the healing of rabbit femur defects**
Buyuksungur S., Tanir T. E., Buyuksungur A., Bektas E. I., Kose G. T., Yucel D., Beyzadeoglu T., Cetinkaya E., Yenigun C., TÖNÜK E., et al.
BIOMATERIALS SCIENCE, vol.5, no.10, pp.2144-2158, 2017 (SCI-Expanded)
- X. **In vitro evaluation of PLLA/PBS sponges as a promising biodegradable scaffold for neural tissue engineering**
Kanneci Altinisik I. A., Kök F. N., Yucel D., Torun Kose G.
TURKISH JOURNAL OF BIOLOGY, vol.41, no.5, pp.734-747, 2017 (SCI-Expanded)

- XI. **The effect of exogenous oxytocin on streptozotocin (STZ)-induced diabetic adult rat testes**
 Koroglu P., Erkanlı Şentürk G., Yücel D., Bingöl Özakpinar Ö., Uras F., Arbak S.
PEPTIDES, vol.63, pp.47-54, 2015 (SCI-Expanded)
- XII. **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)
- XIII. **The protective effect of oxytocin on ischemia/reperfusion injury in rat urinary bladder**
 Erkanlı Şentürk G., Erkanlı S., Aydin U., Yücel D., Isiksacan N., Ercan F., Arbak S.
PEPTIDES, vol.40, pp.82-88, 2013 (SCI-Expanded)
- XIV. **Replication of high aspect ratio pillar array structures in biocompatible polymers for tissue engineering applications**
 Padeste C., ÖZÇELİK H. U., Ziegler J., Schleunitz A., Bednarzik M., Yucel D., HASIRCI V. N.
MICROELECTRONIC ENGINEERING, vol.88, no.8, pp.1836-1839, 2011 (SCI-Expanded)
- XV. **Tissue Engineered, Guided Nerve Tube Consisting of Aligned Neural Stem Cells and Astrocytes**
 Yucel D., Kose G. T., Hasirci V.
BIOMACROMOLECULES, vol.11, no.12, pp.3584-3591, 2010 (SCI-Expanded)
- XVI. **Polyester based nerve guidance conduit design**
 Yucel D., Kose G. T., Hasirci V. N.
BIOMATERIALS, vol.31, no.7, pp.1596-1603, 2010 (SCI-Expanded)
- XVII. **Construction of a choline biosensor through enzyme immobilization on a poly(2-hydroxyethyl methacrylate)-grafted Teflon film**
 Yucel D., Ozer N., Hasirci V. N.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.104, no.5, pp.3469-3477, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **Development of a P(L-D,L)LA Foam as a Dura Substitute and Its In Vitro Evaluation**
 Yücel D.
Gazi University Journal of Science Part A: Engineering and Innovation, vol.11, no.3, pp.507-517, 2024 (Peer-Reviewed Journal)
- II. **Tıp alanında üç boyutlu baskı uygulamalarındaki gelişmeler**
 HASIRCI V. N., YÜCEL D., KENAR H., SELAMET H., BAŞÖZ D., Çam N., Kiraklı K.
TOTBİD Dergisi, vol.21, no.1, pp.102-111, 2022 (Peer-Reviewed Journal)
- III. **Differentiation of BMSCs into Nerve Precursor Cells on Fiber-Foam Constructs for Peripheral Nerve Tissue Engineering**
 Dursun Usal T., Yücel D., Hasircı V. N.
Journal of Siberian Federal University. Biology, vol.11, no.2, pp.119-130, 2018 (Peer-Reviewed Journal)
- IV. **Peripheral nerve conduits: Technology update**
 Arslantunalı D., Dursun T., Yucel D., Hasircı N., Hasircı V. N.
Medical Devices: Evidence and Research, vol.7, pp.405-424, 2014 (Peer-Reviewed Journal)

Books

- I. **The Importance of Anisotropic Topography in Guided Tissue Engineering**
 Yücel D., Gezmiş H.
 in: Emerging Technologies in Biophysical Sciences: A World Scientific Reference, Utkan Demirci, Rami El Assal, Pu Chen, Editor, World Scientific Publishing Co. Pte. Ltd., New Jersey, pp.179-227, 2023
- II. **Kornea Tedavisinde Kullanılan Hidrojeller**

- YÜCEL D., KÖLE G. E., BAŞÖZ D.
in: Doku Mühendisliği Hidrojeller ve Biyomürekkepler 3- Boyutlu Organ Yapımı, HASIRCI NESRİN, HASIRCI VASIF NEJAT, Editor, ODTÜ Yayımları, Ankara, pp.317-336, 2023
- 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. Spinal Cord Injury: Tissue Engineering Using Neural Stem Cells**
YÜCEL D., KANNECİ ALTINIŞIK İ. A., ARSLANTUNALI ŞAHİN D., KÖSE G., HASIRCI V. N.
in: Tumors of the Central Nervous System, Hayat M. A. Eric, Editor, Springer, New Jersey, pp.271-287, 2013
- V. 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

Papers Presented at Peer-Reviewed Scientific Conferences

- I. Construction of a Hydrogel Based, 3d Bioprinted Corneal Stroma**
BAŞÖZ D., ÇELEBİ A. R. C., Büyüsungur S., Akalınlı A., YÜCEL D., HASIRCI N., HASIRCI V. N.
7th TERMIS (Tissue Engineering & Regenerative Medicine International Society) World Congress, Seattle Washington, United States Of America, 25 - 28 June 2024, (Summary Text)
- II. Nerve Tissue Model Development on a Micropatterned Surface**
Tamay D. G., ARSLANTUNALI ŞAHİN D., Işık Ş., KÖLE G. E., YÜCEL D., HASIRCI N., HASIRCI V. N.
7th TERMIS (Tissue Engineering & Regenerative Medicine International Society) World Congress, Seattle Washington, United States Of America, 25 - 28 June 2024, (Summary Text)
- III. Design And Construction Of Capillary-Bed-like Structures With Tubular Nanofibrous Meshes**
KÖLE G. E., HASIRCI V. N., YÜCEL D.
7th TERMIS (Tissue Engineering & Regenerative Medicine International Society) World Congress, Seattle Washington, United States Of America, 25 - 28 June 2024, (Summary Text)
- IV. Development of a 3D Bioprinted Scaffold for the Chronic Spinal Cord Injuries**
Akalınlı A., YÜCEL D., HASIRCI V. N.
12th World Biomaterials Congress (WBC), Daegu, South Korea, 26 - 31 May 2024, (Summary Text)
- V. Characterization of a 3D Printed, Multilayered Osteochondral Substitute**
BAŞÖZ D., YÜCEL D., HASIRCI V. N.
26. Ulusal Elektron Mikroskopi Kongresi, Eskişehir, Turkey, 20 - 23 September 2023, (Summary Text)
- VI. Doku mühendisliği ile çok katmanlı damar eşleniği geliştirilmesi**
YÜCEL D.
26. Ulusal Elektron Mikroskopi Kongresi, Eskişehir, Turkey, 20 - 23 September 2023, (Summary Text)
- VII. Development of a Multilayered, Bifunctional Substitute for Osteochondral Tissue Engineering: An in vitro study**
Başöz D., Hasırcı V. N., Yücel D.
33rd Annual Conference of the European Society for Biomaterials ESB 2023, Zürich, Switzerland, 4 - 08 September 2023, (Summary Text)
- VIII. 3D Bioprinted Stromal Substitute with Human Keratocytes**
Büyüsungur S., Celebi A. R. C., Yücel D., Başöz D., Kılıç Bektaş C., Hasırcı N., Hasırcı V. N.
33rd Annual Conference of the European Society for Biomaterials ESB 2023, Zürich, Switzerland, 4 - 08 September 2023, (Summary Text)
- IX. Construction of a Tri-Layered Vascular Tissue Equivalent**
KÖLE G. E., HASIRCI V. N., YÜCEL D.
26th International Biomedical and Science and Technology Symposium (BIOMED2022), Ankara, Turkey, 25 - 27 November 2022, (Summary Text)

- X. **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, (Summary Text)
- XI. **In Vitro Blastocyst Implantation Model By The Use Of Synthetic Polymer Foam Scaffolds**
BAŞÖZ D., Ergun Y., Kocabay A., TAŞKIN A. C., YÜCEL D., KARAHÜSEYİNOĞLU S.
6th TERMIS (Tissue Engineering & Regenerative Medicine International Society) World Congress, Maastricht, Netherlands, 15 - 19 November 2021, (Summary Text)
- XII. **Tendon Tissue Engineering Using Dental Pulp Mesenchymal Stem Cells on Micropatterned Polymeric Films**
DEVECİ ACUNER T., HASIRCI V. N., YÜCEL D.
24th International Biomedical Science and Technology Symposium (BIOMED 2019), İzmir, Turkey, 17 - 20 October 2019, pp.154, (Summary Text)
- XIII. **Tissue Engineering Approaches in the Design of Nerve Guides**
YÜCEL D.
2nd International Conference on Bioinformatics, Biotechnology and Biomedical Engineering (BioMIC 2019) - East West Asia Biomaterials (EWAB), Yogyakarta, Indonesia, 12 - 13 September 2019, (Summary Text)
- XIV. **Doku mühendisliğinde kök hücre kullanımı ve iskele tasarımının önemi**
YÜCEL D.
24. Ulusal Elektron Mikroskopi Kongresi, Edirne, Turkey, 24 - 26 April 2019, (Summary Text)
- XV. **Identification of IFN-beta-1a therapy related biomarkers in T cells of multiple sclerosis patients**
Gezmiş H., DORAN T., YÜCEL D., Domaç F. M., KIRAÇ D.
13th Balkan Congress of Human Genetics, Edirne, Turkey, 17 - 20 April 2019, (Summary Text)
- XVI. **Yönlü Doku Mühendisliği Yaklaşımlarında Kök Hücre Uygulamaları**
YÜCEL D.
3. Kök Hücre ve Hücresel Tedaviler Kongresi, İstanbul, Turkey, 12 - 14 April 2019, (Summary Text)
- XVII. **Anizotropik Doku Iskeleleri ve Hücre Davranışları Üzerine Etkisi**
YÜCEL D., KÖSE G., HASIRCI N., HASIRCI V. N.
23. Biyomedikal Bilim ve Teknoloji Sempozyumu (BIOMED2018-TR), İstanbul, Turkey, 15 - 16 December 2018, (Summary Text)
- XVIII. **Super resolution, multiphoton and light sheet microscopy for evaluation of two-dimensional and three-dimensional implantation models**
KARAHÜSEYİNOĞLU S., Şahin G. N., Sari K., Karahan N., TAŞKIN A. C., Kocabay A., YÜCEL D.
13th Multinational Congress on Microscopy (MCM), Rovinj, Croatia, 24 - 29 September 2017, (Summary Text)
- XIX. **Guided Tissue Engineering: Response of Stem Cells to Electrospun Fiber Platforms**
YÜCEL D., KÖSE G., HASIRCI N., HASIRCI V. N.
2017 International Symposium of Materials on Regenerative Medicine (2017 ISOMRM)-East West Asia Biomaterials (EWAB), T'ao-yuan, Taiwan, 23 - 26 August 2017, (Summary Text)
- XX. **Construction of gel based 3D endometrial co-culture systems: Can human mesenchymal stem cells be an alternative?**
KARAHÜSEYİNOĞLU S., Sarı K., Şahin G. N., YÜCEL D., Kocabay A., TAŞKIN A. C.
33rd Annual Meeting of the European Society of Human Reproduction and Embryology (ESHRE), Geneva, Switzerland, 2 - 05 July 2017, (Summary Text)
- XXI. **The effect of scaffold topography on behavior of dental pulp stem cells**
YÜCEL D., Gezmiş H., Demir S., KÖSE G., HASIRCI N., HASIRCI V. N.
2nd Annual Conference & Expo on Biomaterials (Biomaterials 2017), Madrid, Spain, 27 - 28 March 2017, (Summary Text)
- XXII. **Development of Collagen Based Composite Nerve Guide**
DURSUN USAL T., YÜCEL D., HASIRCI V. N.
21st International Biomedical Science and Technology Symposium (BIOMED 2015) - East West Asia Biomaterials

(EWAB), Antalya, Turkey, 21 - 24 October 2015, (Summary Text)

XXIII. Importance of Scaffold Topography on Cell Behavior in Guided Tissue Engineering Applications

YÜCEL D., KÖSE G., HASIRCI V. N.

21st International Biomedical Science and Technology Symposium (BIOMED 2015) - East West Asia Biomaterials
(EWAB), Antalya, Turkey, 21 - 24 October 2015, (Summary Text)

XXIV. Histopathological Changes of Rabbit Gingiva Following Application of Tricalcium Phosphate Cement

Kasım M., YÜCEL D., Uslu S., ARBAK S., BİREN S.

18th International Microscopy Congress (IMC2014), Prag, Czech Republic, 7 - 12 September 2014, (Summary Text)

Funded Projects

Yücel D., Büyüsungur S., Kocaoğlu B., Büyüksungur A., Hasırcı N., Ülkü K. T., Hasırcı V. N., R&D Project of Group B, 3-Boyutlu Basım Yöntemi ile Hastaya Özel Biyobozunur Kemik Implantı Üretimi, 2024 - 2027

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

Ceylaner B., Taştekin D., Yücel D., Coskun A., Yıldız A., Project Supported by Higher Education Institutions, Investigation of the Biomarker Potential of IGFI PAPPA IGFBP 4 and IGFBP5 Molecules in Gastric Cancer Patients, 2024 - 2025

Yücel D., Zeybel M., Bağcı Önder T., Taşkin A. C., Yıldız Ş., Öktem Ö., Karahüseyinoğlu S., R&D Project of Group B, Fare embriyolarının transferinde polimerik hücre taşıyıcılarının ve VLP (virüs benzeri parçacık) ile güvenli genom edisyonu yapılmış endometriyum hücrelerinin birlikte kullanılmasının implantasyon, fetüs ve canlı doğum üzerine etkileri, 2022 - 2025

Yücel D., Kenar H., Hasırcı V. N., TUBITAK Project, Covid-19 Araştırmaları için Pulmoner Kan-Hava Bariyer Modelinin Geliştirilmesi ve Terapötik İlaç Taranması, 2021 - 2025

Yücel D., Hasırcı N., Çelebi A. R. C., Hasırcı V. N., R&D Project of Group B, 3B Basımla Üretilen Yapay Korneanın In Vivo Uygulanması ve Translasyonu, 2022 - 2024

Yücel D., Arslantunalı Şahin D., Hasırcı N., Hasırcı V. N., TUBITAK Project, Mikrodesenli Yüzey Üzerinde Sinir Doku Modeli Oluşturulması, Akson Yönlendirme ve Sinir Hasarı İyileşme Süreçlerinin İncelenmesi, 2021 - 2024

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

Yücel D., Öktem Ö., Bağcı Önder T., Taşkin A. C., Köse A., Karahüseyinoğlu S., TUBITAK Project, Blastokist Implantasyonunu Kolaylaştmaya Yönelik In-Vitro Modellerde Polimerik Taşıyıcıların Kullanımı, 2017 - 2020

Yücel D., Domaç S. F., Kırış D., TUBITAK Project, Multipl Skleroz Hastalarının Cd4+ T Hücrelerinde Ifn-Beta Tedavisiyle İlişkili Biyobelirteçlerin Belirlenmesi, 2017 - 2018

Yücel D., Öz Arslan D., Kan B., Ulus İ. H., Oktay Y., Gözüaçık D., TUBITAK Project, Hasarlı Pc12 Hücrelerinde Sitidin 5-Difosfokolin'in (Cdp-Ch) Otofaji ve Mitofaji Üzerine Etkisinin İncelenmesi, 2014 - 2017

Yücel D., Hasırcı N., Köse G., TUBITAK Project, Polimerik Hücre Taşıyıcılarının Topografisinin ve Meningeal Hücrelerin Mezenkimal Kök Hücre Farklaşması Üzerine Etkileri, 2014 - 2017

Yücel D., Endoğan Tanır T., Tönük E., Köse G., Baran E. T., Beyzadeoğlu T. B., Hasırcı N., TUBITAK Project, Doku Mühendisliği Yöntemi ile Hastaya Özel Ortopedik İmplant Tasarımı Ve Üretimi, 2014 - 2016

Activities in Scientific Journals

Acıbadem Üniversitesi Sağlık Bilimleri Dergisi, Committee Member, 2015 - Continues

Memberships and Roles in Scientific Organizations

Türk Elektron Mikroskopi Derneği, Member, 2012 - Continues, Turkey

Scientific Project Refereeing

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, December 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, June 2023

TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, February 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, December 2022

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, October 2022

TUBITAK Project, 1002 - Quick Support Program, April 2022

TUBITAK Project, 1002 - Quick Support Program, January 2022

TUBITAK Project, 1002 - Quick Support Program, April 2021

TUBITAK Project, 3501 - National Young Researcher Career Development Program, January 2021

TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, March 2017

Roles in Event Organizations

Arbak S., Açıkel Elmas M., Yücel D., Sinirbilimde Mikroskopi - Histokimya, İmmünhistokimya ve Elektron Mikroskopik Düzeyde İnceleme Kursu, Workshop Organization, İstanbul, Turkey, October 2022

Arbak S., Yücel D., Açıkel Elmas M., Microscopy workshop: "Journey to the Mysterious World of Life Sciences by Electron Microscopy: See Both; The Forest and The Trees", Workshop Organization, İstanbul, Turkey, March 2020

Yücel D., Hasırcı V. N., 23. Biyomedikal Bilim ve Teknoloji Sempozyumu (BIOMED2018-TR), Scientific Congress, İstanbul, Turkey, December 2018

Mobility Activity

Other, Guest Researcher, Harvard Medical School, Massachusetts General Hospital, United States Of America, 2005 - 2006

Metrics

Publication: 97

Citation (WoS): 809

Citation (Scopus): 966

H-Index (WoS): 10

H-Index (Scopus): 10

Congress and Symposium Activities

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

Invited Talks

ALIS (A Look into Science) in Neuroland, Workshop, Acıbadem Mehmet Ali Aydınlar Üniversitesi, Turkey, May 2024
Doku mühendisliği ile çok katmanlı damar eşleniği geliştirilmesi, Conference, Eskişehir Teknik Üniversitesi, Turkey,

September 2023

ALIS Tedavinin Evrimi Cerrahi ve Girişimsel Yaklaşımlar, Workshop, Acıbadem Üniversitesi Tıp Fakültesi Uluslararası Bilimsel Öğrenci Kongresi ALIS , Turkey, May 2023

Biyomalzeme ve Doku Mühendisliği, Seminar, Acıbadem Mehmet Ali Aydınlar Üniversitesi, Turkey, March 2023

Doku Mühendisliğinde Biyomimetik Yaklaşımlar, Seminar, Acıbadem Mehmet Ali Aydınlar Üniversitesi, Turkey, November 2022

Awards

Yücel D., Hasircı V. N., Başöz D., İlkçilik Poster Ödülü, Eskişehir Teknik Üniversitesi, September 2023

Yücel D., Young Histochemist Award, 14Th International Congress Of Histochemistry And Cytochemistry (Ihc 2012), Kyoto, May 2012

Yücel D., Prof.Dr. Türkan Erbengi Araştırma Ödülü - Jüri Özel Ödülü, Türk Elektron Mikroskopi Derneği, September 2011

Yücel D., En İyi Tez Ödülü, Biyoteknoloji Doktora Programı, Fen Bilimleri Enstitüsü, Orta Doğu Teknik Üniversitesi, January 2009

Non Academic Experience

TUBITAK, TEYDEB, Biyomalzeme-Çağrı Projeler Danışma Kurulu , Kurul Üyesi
University, Orta Doğu Teknik Üniversitesi, Merkez Laboratuarı, Uzman