

Asst. Prof. Deniz YÜCEL

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoteknoloji (Dr), Turkey 2003 - 2009

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

Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, Turkey 1997 - 2001

Certificates, Courses and Trainings

Quality Management, ISO 13485:2016 Tıbbi Cihazlar Yönetim Sistemi, PREM Mühendislik Araştırma ve Geliştirme San. Tic. Ltd. Şti, 2021

Research Areas

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

Academic Titles / Tasks

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

Academic and Administrative Experience

Ders Kurulu Başkanı, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2023 - Continues

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

Ölçme Değerlendirme Kurulu Üyesi, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2021 - Continues

Anabilim Dalı Akademik Kurul Üyesi, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2021 - Continues

Öğrenci Merkezli Eğitim Aktiviteleri Koordinatörlüğü Üyesi , Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2021 - Continues

Enstitü Yönetim Kurulu Üyesi, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2021 - Continues

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

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

Bölüm Stratejik Plan Komisyonu Üyesi, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2021 - 2023

Rektörlük Stratejik Plan Komisyonu Üyesi, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2020 - 2023

Courses

Tissue Engineering, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

UrogenitalSystemandRelatedDisorders, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019

Seminars in Biomaterials, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Nervous System and Related Diseases, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019

Seminars in Biomaterials, Doctorate, 2023 - 2024, 2022 - 2023

Regenerative Medicine, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019, 2017 - 2018

Biyomalzeme, Associate Degree, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019

Cardiovascular System and Related Disorders, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019

Makro- Mikro ve Moleküler Nöroanatomi , Doctorate, 2023 - 2024, 2022 - 2023

Histology of Basic Tissues, Postgraduate, 2023 - 2024, 2016 - 2017, 2015 - 2016

Doku Mühendisliğinde Güncel Yaklaşımlar, Doctorate, 2023 - 2024, 2022 - 2023

Human Embryology and Developmental Disorders, Postgraduate, 2023 - 2024, 2016 - 2017

Respiratory System and Related Diseases, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019

Laboratuvardan Kliniğe Geçiş ve Etik , Doctorate, 2023 - 2024, 2022 - 2023

Principles of Cell and Tissue Culture, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Molecular and Cellular Medicine-I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021

Characterization of Biomaterials, Postgraduate, 2023 - 2024, 2022 - 2023

Musculoskeletal System and Related Disorders, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2018 - 2019

İmmünohistokimyasal Teknikler, Postgraduate, 2021 - 2022

Özel Mikroskopi Teknikleri, Postgraduate, 2021 - 2022

Seminer, Postgraduate, 2021 - 2022

Organların ve Sistemlerin Histolojisi, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Memeli Hücre Kültürü, Postgraduate, 2021 - 2022

Advanced Microscopic Techniques, Doctorate, 2020 - 2021

Microscopy Techniques, Postgraduate, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Seminars in Biotechnology, Doctorate, 2018 - 2019

Seminars in Biotechnology, Postgraduate, 2018 - 2019

Tissue Engineering, Postgraduate, 2017 - 2018

Advanced Biomaterials, Doctorate, 2017 - 2018

Biomaterials, Postgraduate, 2017 - 2018

Advising Theses

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

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

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

Hasirci V. N., Yücel D., 3D Printed Artificial Cornea , Doctorate, A.Rıza(Student), Continues

Yücel D., Hasirci V. N., Corneal Tissue Engineering Using Hydrogel and Stem Cell , Postgraduate, S.Fide(Student), 2022

Yücel D., Hasirci 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.Deveci(Student), 2020

Yücel D., Hasirci V. N., In Vitro Development of Multilayered Vascular Construct For Blood Vessel Tissue Engineering , Postgraduate, G.Ervin(Student), 2020

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

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of a Tri-Layered Vascular Construct and In Vitro Evaluation of Endothelization**
Kole G. E., HASIRCI V. N., Yucel D.
MACROMOLECULAR BIOSCIENCE, 2023 (SCI-Expanded)
- II. **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, 2023 (SCI-Expanded)
- III. **Fabrication of a 3D Printed PCL Nerve Guide: In Vitro and In Vivo Testing**
DURSUN USAL T., Yesiltepe M., Yucel D., SARA M. Y., Hasirci V. N.
MACROMOLECULAR BIOSCIENCE, vol.22, no.3, 2022 (SCI-Expanded)
- IV. **POLYMERIC AND COLLAGEN BIOMATERIALS ENHANCE IMPLANTATION OF MOUSE BLASTOCYSTS IN THREE-DIMENSIONAL CULTURE MODELS.**
Ergun Y., Sahin G. N., Sevgin K., Kocabay A., Taskin A. C., Basoz D., YÜCEL D., Gonen M., Karahuseyinoglu S.
FERTILITY AND STERILITY, vol.116, no.3, 2021 (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., Hasirci N., Hasirci 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., Hasirci 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. **Endometrium co-culture, 3D endometrium co-culture, 3D polymeric carrier aided endometrium co-culture: comparative effects on implantation**
Karahuseyinoglu S., Sahin G. N., Taskin A. C., YÜCEL D.
HUMAN REPRODUCTION, vol.31, pp.278, 2016 (SCI-Expanded)
- XII. **The effect of exogenous oxytocin on streptozotocin (STZ)-induced diabetic adult rat testes**
Koroglu P., ERKANLI ŞENTÜRK G., YÜCEL D., BİNGÖL ÖZAKPINAR Ö., Uras F., ARBAK S.
PEPTIDES, vol.63, pp.47-54, 2015 (SCI-Expanded)
- XIII. **Use Of Polymeric Cell Carriers Supplemented With Endometrial Co-culture Systems To Enhance Blastocyst Implantation**
Karahuseyinoglu S., YÜCEL D., Sahin G. N., Taskin A. C., Kose A., Karaman E., Okan T. P., Oktem O.
MOLECULAR BIOLOGY OF THE CELL, vol.26, 2015 (SCI-Expanded)
- XIV. **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)
- XV. **The protective effect of oxytocin on ischemia/reperfusion injury in rat urinary bladder**
ERKANLI ŞENTÜRK G., ERKANLI S., Aydin U., YÜCEL D., Isiksacan N., ERCAN F., ARBAK S.
PEPTIDES, vol.40, pp.82-88, 2013 (SCI-Expanded)
- XVI. **Mito Tracker labeling in HepG2 Cell Cultures: Influence of different staining techniques on the morphology of mitochondria.**
Aktas R. G., Karahuseyinoglu S., Karabork M., Tok O. E., YÜCEL D.
MOLECULAR BIOLOGY OF THE CELL, vol.23, 2012 (SCI-Expanded)
- XVII. **Actin distribution in HepG2 cell-spheroids: A fluorescence microscopic study/**
Aktas R. G., Karahuseyinoglu S., Tok O. E., Karabork M., YÜCEL D.
MOLECULAR BIOLOGY OF THE CELL, vol.23, 2012 (SCI-Expanded)
- XVIII. **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)
- XIX. **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)
- XX. **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)
- XXI. **Collagen and polyester-based scaffolds for tissue engineering**
Hasyrcy V., Kenar H., Yucel D., Zorlutuna P., Yylgor P., Kose G., Hasyrcy N.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.237, 2009 (SCI-Expanded)
- XXII. **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. **Developments in the application of three dimensional printing in the medical field**
Hasirci V. N., Yücel D., Kenar H.
TOTBID, vol.21, no.0, pp.102-111, 2022 (Peer-Reviewed Journal)
- II. **Differentiation of BMSCs into Nerve Precursor Cells on Fiber-Foam Constructs for Peripheral Nerve Tissue Engineering**
DÜRSUN USAL T., YÜCEL D., HASIRCI V. N.
Journal of Siberian Federal University. Biology, vol.11, no.2, pp.119-130, 2018 (Peer-Reviewed Journal)
- III. **Peripheral nerve conduits: Technology update**
Arslantunali D., Dursun T., Yucel D., Hasirci N., Hasirci V. N.
Medical Devices: Evidence and Research, vol.7, pp.405-424, 2014 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Spinal Cord Injury Tissue Engineering Using Stem Cells.**
Yücel D., Kanneçi İ., Arslantunali Şahin D., Köse G., Hasirci V. N.
in: Tumors of the Central Nervous System, M.A. Hayat, Editor, Springer, London/Berlin , Dordrecht, pp.271-287, 2012
- II. **Nanotechnology in Biomaterials: Nanofibers in Tissue Engineering**
Yücel D., Kenar H., Ndreu A., Endoğan T., Hasirci N., Hasirci V. N.
in: Bionanotechnology II Global Prospects, David E. Reisner, Editor, CRC, New York , Florida, pp.195-226, 2012
- III. **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. **Doku mühendisliği ile çok katmanlı damar eşleniği geliştirilmesi**
Yücel D.
26. Ulusal Elektron Mikroskopi Kongresi, Eskişehir, Turkey, 20 - 23 September 2023, pp.225
- II. **Development of a Dura Substitute and its In Vitro Evaluation**
Yücel D.
26. Ulusal Elektron Mikroskopi Derneği Kongresi 2023 , Eskişehir, Turkey, 20 - 23 September 2023, pp.305
- III. **Microscopic Examination of 3D Vascular Graft and Cell Behavior on The Construct**
Köle G. E., Koyluoglu Y. O., Kenar H., Hasirci V. N., Yücel D.
26. Ulusal Elektron Mikroskopi Kongresi, Eskişehir, Turkey, 20 - 23 September 2023, pp.277
- IV. **Characterization of a 3D Printed, Multilayered Osteochondral Substitute**
Basoz D., Hasirci V. N., Yücel D.
26. Ulusal Elektron Mikroskopi Derneği Kongresi 2023 , Eskişehir, Turkey, 20 - 23 September 2023, pp.292
- V. **Development of a Multilayered, Bifunctional Substitute for Osteochondral Tissue Engineering: An in vitro study**
Basoz D., Hasirci V. N., Yücel D.
33rd Annual Conference of the European Society for Biomaterials 2023, Zürich, Switzerland, 4 - 08 September 2023, pp.124
- VI. **3D Bioprinted Stromal Substitute with Human Keratocytes**
Çelebi A. R. C., Yücel D., Basoz D., Hasirci V. N.
33rd Annual Conference of the European Society for Biomaterials 2022 , Zürich, Switzerland, 4 - 08 September

2023, pp.59

VII. 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

VIII. Construction of a Tri-Layered Vascular Tissue Equivalent

Yücel D., Hasırcı V. N., Köle G. E.

26th International Biomedical and Science and Technology Symposium (BIOMED2022), Ankara, Turkey, 25 - 27 November 2022, pp.1

IX. Development of a Nerve Tissue Model on a Micropatterned Surface for Axon Guidance and Neural Regeneration Investigations

Yücel D., Hasırcı V. N., Arslantunali Şahin D., Tamay D., Köle G. E., Işık Ş., Hasırcı N.

26th International Biomedical and Science and Technology Symposium (BIOMED2022), Ankara, Turkey, 25 - 27 November 2022, pp.1

X. Construction of Bifunctional Substitute for Osteochondral Tissue Engineering

Yücel D., Başöz D., Hasırcı V. N.

26th International Biomedical and Science and Technology Symposium (BIOMED2022), Ankara, Turkey, 25 - 27 November 2022, pp.1

XI. 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

XII. Construction of a Multilayer Scaffold for Osteochondral Tissue Engineering

Yücel D., Hasırcı V. N., Başöz D.

European Society for Biomaterials 2022 (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. In Vitro Blastocyst Implantation Model By The Use Of Synthetic Polymer Foam Scaffolds

Yücel D., Başöz D., Karahüseyinoğlu S.

TERMIS 6th World Congress, Maastricht, Netherlands, 15 - 19 November 2021, pp.1399

XV. Construction of a vascular equivalent: mimicking tunica media and tunica intima of the artery.

Köle G. E., Kenar H., Hasırcı V. N., Yücel D.

Hungarian Society for Microscopy Conference HSM2021, Budapest, Hungary, 13 May - 13 June 2021, pp.1

XVI. Development of a bilayer blood vessel substitute for vascular tissue engineering: an in vitro study

Köle G. E., Kenar H., Hasırcı V. N., Yücel D.

Tissue Engineering and Regenerative Medicine TERMIS-EU, Manchester, United Kingdom, 26 - 29 May 2020, pp.335

XVII. Sıçanlarda Siyatik Sinir Hasarı Modelinde 3B Yazıcı ile Üretilen Tüpler Sinir İyileşmesini Arttırdı

DURSUN USAL T., yeşiltepe m., YÜCEL D., SARA M. Y., HASIRCI V. N.

25. Ulusal Farmakoloji Kongresi, Aydın, Turkey, 4 - 07 November 2019

XVIII. Multipl skleroz hastalarının T hücrelerinde IFN-beta-1a tedavisi ile ilgili biyobelirteçlerin belirlenmesi

DORAN T., GEZMİŞ H., YÜCEL D., DOMAÇ S. F., KIRAÇ D.

XVI. Tıbbi Biyoloji ve Genetik Kongresi, Turkey, 27 - 30 October 2019

XIX. Tendon Tissue Engineering Using Dental Pulp Mesenchymal Stem Cells on Micropatterned Polymeric Films

Deveci T., Hasırcı V. N., Yücel D.

24th International Biomedical Science and Technology Symposium (BIOMED 2019), İzmir, Turkey, 17 - 20 October 2019, pp.47-48

XX. Construction of a Bilayer Tissue Engineered Blood Vessel

Köle G. E., Kenar H., Hasırcı V. N., Yücel D.

24th International Biomedical Science and Technology Symposium (BIOMED 2019), İzmir, Turkey, 17 - 20 October 2019, pp.49-50

XXI. Tissue Engineering Approaches in the Design of Nerve Guides

Yücel D.

Biomimetic 2019 East West Biomaterials (EWAB) Symposium 2019, Yogyakarta, Indonesia, 12 - 13 September 2019, pp.45-46

XXII. Polimerik taşıyıcılar üzerindeki üç-boyutlu implantasyon modellerinde geniş ölçekli gen ekspresyon analizi

Sarı K., Şahin G. N., Ergün Y., Kocabay A., Taşkın A. C., Yücel D., Karahüseyinoğlu S.

24. Ulusal Elektron Mikroskopi Kongresi, Edirne, Turkey, 24 - 26 April 2019, pp.66-67

XXIII. Doku mühendisliğinde kök hücre kullanımı ve iskele tasarımının önemi

Yücel D.

24. Ulusal Elektron Mikroskopi Kongresi, Edirne, Turkey, 24 - 26 April 2019, pp.37

XXIV. Identification of IFN-beta-1a therapy related biomarkers in T cells of multiple sclerosis patients

GEZMİŞ H., DORAN T., YÜCEL D., DOMAÇ S. F., KIRAÇ D.

13th Balkan Congress of Human Genetics, Edirne, Turkey, 17 - 20 April 2019

XXV. Doku Mühendisliği Yöntemi ile Tübüler Damar Eşleniği Geliştirilmesi

Köle G. E., DURSUN USAL T., HASIRCI V. N., YÜCEL D.

23. Biyomedikal Bilim ve Teknoloji Sempozyumu (BIOMED 2018), İstanbul, Turkey, 15 - 16 December 2018

XXVI. 3 Boyutlu Yazım Tekniği ile Polikaprolakton Sinir Kılavuzu Üretimi

DURSUN USAL T., YÜCEL D., HASIRCI V. N.

23. Biyomedikal Bilim ve Teknoloji Sempozyumu (BIOMED 2018), İstanbul, Turkey, 15 - 16 December 2018

XXVII. Global Gene Expression Analysis of Blastocyst Implantation on 2D and 3D Implantation Models: Towards a Comprehensive and Inclusive Research

Sarı K., Karahüseyinoğlu S., Yücel D.

34th Annual Meeting of the European-Society-of-Human-Reproduction-and-Embryology (ESHRE), Barcelona, Spain, 1 - 04 June 2018, vol.33, pp.363

XXVIII. GelMA-pHEMA hydrogel composite nerve guide for peripheral nerve regeneration.

DURSUN USAL T., YÜCEL D., HASIRCI V. N.

2nd International Biomedical Engineering Congress (IBMEC 2018), Lefkoşa, Cyprus (Kktc), 24 - 27 May 2018, pp.72

XXIX. Nörodejeneratif bir Hastalık Modelinde CDP-Kolin'in Otofaji ve Mitokondriyal Dinamikler Üzerindeki Rolü

Bilge B., Gezmiş H., Bozkurt S., Dürer Z. A., Yücel D., Kan B., Ulus İ. H., Öz Arslan D.

28-29. Ulusal Biyofizik Kongresi, İstanbul, İstanbul, Turkey, 6 - 09 September 2017

XXX. Development of a Methacrylated Gelatin Based Nerve Guide

DURSUN USAL T., YÜCEL D., HASIRCI V. N.

28th Annual Conference of the European Society for Biomaterials, 4 - 08 September 2017

XXXI. The effect of CDP-choline on autophagy and mitochondrial dynamics in beta-amyloid treated PC12 cells

BİLGE B., GEZMİŞ H., BOZKURT S., YÜCEL D., KAN B., ULUS İ. H., ÖZ ARSLAN D.

19th IUPAB and 11th EBSA Congress, Eur Biophys J. (2017) 46 (Suppl 1):S43-S402, 16 - 20 July 2017

XXXII. Construction of gel based 3D endometrial co -culture systems: Can human mesenchymal stem cells be an alternative?

Karahüseyinoğlu S., Sarı K., Şahin G. N., YÜCEL D., Kocabay A., Taskin A. C.

33rd Annual Meeting of the European-Society-of-Human-Reproduction-and-Embryology (ESHRE), Geneva, Switzerland, 2 - 05 July 2017, vol.32, pp.340-341

XXXIII. The effect of administration of nanoparticles on testis structure.

DEVECİ S., AÇIKEL ELMAS M., YÜCEL D., Keskin M. Y., Demirci Delipinar S., SEÇKİN İ., ŞAHİN A., ARBAK S.

15th International Congress of Histochemistry and Cytochemistry "From Molecules to Diseases", 18 - 21 May 2017,

- XXXIV. **Development of GelMA-pHEMA Hydrogel Blend for Nerve Tissue Engineering Applications**
DURSUN USAL T., YÜCEL D., HASIRCI V. N.
22nd International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- XXXV. **Potential application of PLLA:PBS sponges in neural tissue engineering**
Kanneci Altınışık İ. A., YÜCEL D., KÖK F. N., KÖSE G.
22nd Biomedical Science and Technology Symposium, Turkey, 12 - 14 May 2017
- XXXVI. **The effect of scaffold topography on behavior of dental pulp stem cells**
Yücel D., Gezmis H., Demir S., Köse G., Hasirci N., Hasirci V. N.
2nd Annual Conference and Expo on Biomaterials, Madrid, Spain, 27 - 28 March 2017, pp.55-56
- XXXVII. **Changes in Autophagic Activity of Differentiated PC12 Response to CDP-Choline**
BİLGE B., YÜCEL D., KAN B., ULUS İ. H., GEZMİŞ H., ÜSTÜNER B., ÖZ ARSLAN D.
Autophagy Network Integration in Health and Disease, Keystone Symposia, United States Of America, 12 - 16 February 2017
- XXXVIII. **Nano-Teknolojinin Ürolojide Kullanımı İçin Yeni Bir İlaç Salınım Sistemi: Silika Yapılı Nanopartikülasyon İle Ön Sonuçlar**
DEVECİ S., YÜCEL D., KESKİN M. S., AÇIKEL E. M., ÖZVERİ H., DEMİRCİ S., SEÇKİN İ., ARBAK S., ŞAHİN A.
3. Ulusal Ürolojik Cerrahi Kongresi, Antalya, Turkey, 2 - 06 November 2016
- XXXIX. **Cellular and Molecular Dynamics Of In-vitro 2D and 3D Cultured Blastocysts Throughout The Implantation Process**
Karahuseyinoglu S., YÜCEL D., Sahin G. N., Kocabay A., Taskin A. C.
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- XL. **The effect of exogenous oxytocin on streptozotocin (STZ) - induced diabetic adult rat testes**
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- XLIII. **Mikrokanallı Polimerik Yapılar Wharton s Jelly Mezenşimal Kök Hücrelerinin Bölünmesinde Etkili Mi**
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- XLIV. **Polyhydroxyalkanoates in tissue engineering**
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- XLV. **Polyhydroxyalkanoates in Tissue Engineering**
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- XLVI. **Mesenchymal Stem Cells of Menstrual Blood and Wharton s Jelly Origin And Collagen HAP Composite Scaffolds in Bone Tissue Engineering**
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- XLVII. **Collagen and polyester based scaffolds for tissue engineering**
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- XLVIII. Is Wharton s Jelly MSC Division Influenced by Substrate Microgrooves**
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- XLIX. Mesenchymal stem cell behaviour on topographical cues**
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- L. Fabrication of Nano Size Polyester Fibers by Electrospinning**
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- LI. 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
- LII. Polymeric Nanobiomaterials in Drug Delivery and Tissue Engineering**
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- LIV. Effect Of Polyester Type And Fiber Size On Wharton s Jelly Mesenchymal Stem Cell Attachment**
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ESBP2007, 2 - 04 October 2007
- LV. Neural And Cardiomyogenic Lineage Markers Expressed By Wharton s Jelly Mesenchymal Stem Cells**
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- LVI. 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
- LVII. 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
- LVIII. 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

Activities in Scientific Journals

Acibadem Üniversitesi Sağlık Bilimleri Dergisi, Committee Member, 2018 - Continues

Scientific Refereeing

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

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Acibadem Mehmet Ali

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

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

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Acibadem Mehmet Ali Aydinlar University, Turkey, October 2022

TUBITAK Project, 1002 - Quick Support Program, Acibadem Mehmet Ali Aydinlar University, Turkey, April 2022

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

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

Tasks In Event Organizations

Yücel D., Arbak S., Açikel Elmas M., Electron Microscopy Workshop:Journey to the Mysterious World of Life Sciences by Electron Microscopy, Workshop Organization, Turkey, Mart 2020

Yücel D., Arbak S., 24. Ulusal Elektron Mikroskop Kongresi, Scientific Congress, Edirne, Turkey, Nisan 2019

Metrics

Publication: 93

Citation (WoS): 800

Citation (Scopus): 772

H-Index (WoS): 10

H-Index (Scopus): 8

Congress and Symposium Activities

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

Awards

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

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

Yücel D., Hasırcı V. N., Köse G., Orta Doğu Teknik Üniversitesi En İyi Tez Ödülü, Biyoteknoloji Doktora Programı, Fen Bilimleri Enstitüsü, Orta Doğu Teknik Üniversitesi, June 2010

Yücel D., ESB 2003 Young Scientist Travel Award , The European Society For Biomaterials, 18Th European Conference On Biomaterials (Esb 2003), October 2003