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Education Information

Doctorate, Marmara University, Institute of Health Sciences, Biyokimya (Dr) (Tıp), Turkey 2011 - 2017

Postgraduate, Marmara University, Institute of Health Sciences, Biyokimya (Yl) (Tezli) (Eczacılık), Turkey 2007 - 2010

Postgraduate, Canakkale Onsekiz Mart University, Fen Bilimleri Enstitüsü, Turkey 2006 - 2007

Undergraduate, Canakkale Onsekiz Mart University, Fen Ve Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 2002 - 2006

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, 42nd FEBS CONGRESS "From Molecules to Cells and Back", Federation of European Biochemical Societies (FEBS), 2017

Health&Medicine, Society for Free Radical Research – Europe (SFRR-E) 2014 Meeting "Free Radicals: Insight in signaling and adaptive homeostasis", Society for Free Radical Research – Europe (SFRR-E) , 2014

Health&Medicine, COST CM1001 Workshop Mass Spectrometry Analysis of Protein Oxidation, COST CM1001, Aston University, Birmingham, 2013

Health&Medicine, Hücre Ölümü Araştırma Derneği I.Hücre Ölümü Araştırma Teknikleri Teorik Kursu, CELL DEATH RESEARCH SOCIETY, 2011

Health&Medicine, 1.Hücre Kültürü ve Temel Moleküler Teknikler Kursu , Marmara Üniversitesi, Genetik ve Metabolik Hastalıklar Araştırma ve Uygulama Merkezi (GEMHAM), 2011

Health&Medicine, SPEKROTEK, AB SCIEX 4000 QTrap LC-MS/MS Sistemi, Bileşenleri ve Temel Kullanımı, SPEKROTEK, 2011

Dissertations

Doctorate, NON-ALKOLİK YAĞLI KARACİĞER HASTALIĞI MODELİNDE OKSİSİTEROLLERİN LİPİD METABOLİZMASI VE ENDOPLAZMİK RETİKULUM YOLAĞINA ETKİSİ, Marmara Üniversitesi, Institute of Health Sciences, Biyokimya (Dr) (Tıp), 2017

Postgraduate, Hiperlipidemi yapılmış farelerin kanlarında oksidlenmiş düşük dansiteli lipoprotein ve lipid

peroksidasyonun değerlendirilmesi, Marmara Üniversitesi, Institute of Health Sciences, Biyokimya (YI) (Tezli) (Eczacılık), 2010

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Lecturer PhD, Marmara University, School of Medicine, Basic Medical Sciences, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Production of platelet-rich plasma (PRP)-enriched scaffolds for bone tissue regeneration with 3D printing technology**
Arslan Tut T., CESUR S., ŞAHİN A., EREN F., GÜNDÜZ O.
EUROPEAN POLYMER JOURNAL, vol.219, 2024 (SCI-Expanded)
- II. **Development of Specially Designed Nanoparticle-coated 3D-printed Gelatin Methacryloyl Patches for Potential Tissue Engineering Applications**
Bedir T., Baykara D., ŞAHİN A., ŞENEL İ., Kaya E., TINAZ G., GÜNDÜZ O., ÜSTÜNDAĞ C. B.
MACROMOLECULAR MATERIALS AND ENGINEERING, 2024 (SCI-Expanded)
- III. **Electrospun amygdalin and Inula helenium extract-loaded polylactic acid (PLA)/Polyvinylpyrrolidone (PVP) nanofibrous patches for colon cancer treatment: Fabrication, characterization and antitumour effect results**
Sulutas R. B., Cesur S., Seyhan S., Alkaya D., Şahin A., Ekren N., Gunduz O.
Journal of Drug Delivery Science and Technology, vol.99, 2024 (SCI-Expanded)
- IV. **Whey protein-loaded 3D-printed poly (lactic) acid scaffolds for wound dressing applications**
Kayadurmus H. M., Rezaei A., Ilhan E., Cesur S., Sahin A., Gunduz O., Kalaskar D. M., Ekren N.
Biomedical Materials (Bristol), vol.19, no.4, 2024 (SCI-Expanded)
- V. **A new strategy for the treatment of middle ear infection using ciprofloxacin/amoxicillin-loaded ethyl cellulose/ polyhydroxybutyrate nanofibers**
Karabulut H., Xu D., Ma Y., Tut T. A., Ulag S., Pinar O., Kazan D., Guncu M. M., Sahin A., Wei H., et al.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.269, 2024 (SCI-Expanded)
- VI. **LUNGBANK: a novel biorepository strategy tailored for comprehensive multiomics analysis and P-medicine applications in lung cancer.**
Demircan Çeker D., Baysungur V., Evman S., Kolbaş İ., Gördebil A., Nalbantoğlu S. M., Tambağ Y., Kaçar Ö., Midi A., Aslanoğlu H., et al.
Turkish journal of biology = Turk biyoloji dergisi, vol.48, no.3, pp.203-217, 2024 (SCI-Expanded)
- VII. **Three-Dimensional-Printed GelMA-KerMA Composite Patches as an Innovative Platform for Potential Tissue Engineering of Tympanic Membrane Perforations**
Bedir T., Baykara D., Yildirim R., Calikoglu Koyuncu A. C., Sahin A., Kaya E., Tinaz G. B., Insel M. A., Topuzogulları M., Gunduz O., et al.
NANOMATERIALS, vol.14, no.7, 2024 (SCI-Expanded)
- VIII. **Single-Walled (Magnetic) Carbon Nanotubes in a Pectin Matrix in the Design of an Allantoin Delivery System**
Güner Yılmaz Ö. Z., Yılmaz A., Bozoglu S., Yavuz N., BATIREL S., ŞAHİN A., Güner F. S.
ACS OMEGA, vol.9, no.9, pp.10069-10079, 2024 (SCI-Expanded)
- IX. **Protective effect of alpha-tocopherol on lipogenesis and oxysterol production in**

hypercholesterolemia-induced nonalcoholic Steatohepatitis

Sahin A., Demirel-Yalciner T., Sozen E., Ozer N. K.

Free Radical Research, 2024 (SCI-Expanded)

- X. **Fabrication and In Vitro Characterization of Polycaprolactone/Graphene Oxide/Collagen Nanofibers for Myocardial Repair**
Karapehlivan S. S., Danisik M. N., Akdag Z., Yildiz E. N., Okoro O. V., Nie L., Shavandi A., ULAĞ S., ŞAHİN A., DUMLUĐAĞ F., et al.
MACROMOLECULAR MATERIALS AND ENGINEERING, vol.309, no.1, 2024 (SCI-Expanded)
- XI. **Development of gallic acid-loaded ethylcellulose fibers as a potential wound dressing material.**
Croitoru A., Ayran M., Altan E., Karacelebi Y., Ulag S., Sahin A., Guncu M. M., Aksu B., Gunduz O., Tihăuan B., et al.
International journal of biological macromolecules, vol.253, no.Pt 5, pp.126996, 2023 (SCI-Expanded)
- XII. **Co-axial electrospinning of liposomal propolis loaded gelatin-zein fibers as a potential wound healing material**
Karakas C. Y., ÜSTÜNDAĞ C. B., ŞAHİN A., KARADAĞ A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.140, no.46, 2023 (SCI-Expanded)
- XIII. **Fabrication of Gentamicin Sulfate-Loaded 3D-Printed Polyvinyl Alcohol/Sodium Alginate/Gelatin-Methacryloyl Hybrid Scaffolds for Skin Tissue Replacement**
Izgordu M. S., Ayran M., ULAĞ S., Yildirim R., Bulut B., ŞAHİN A., Guncu M. M., AKSU M. B., GÜNDÜZ O.
MACROMOLECULAR MATERIALS AND ENGINEERING, vol.308, no.12, 2023 (SCI-Expanded)
- XIV. **Biocompatible polyvinyl alcohol nanofibers loaded with amoxicillin and salicylic acid to prevent wound infections.**
Aydin A., Ulag S., Sahin A., Aksu B., Gunduz O., Ustundag C. B., Marinas I. C., Georgescu M., Chifiriuc M. C.
Biomedical materials (Bristol, England), vol.18, no.5, 2023 (SCI-Expanded)
- XV. **Investigation of the antitumor effect on breast cancer cells of the electrospun amygdalin-loaded poly(L-lactic acid)/poly(ethylene glycol) nanofibers**
Seyhan S., Alkaya D., Cesur S., Sahin A.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.239, 2023 (SCI-Expanded)
- XVI. **Controlled Delivery of Amoxicillin and Rifampicin by Three-Dimensional Polyvinyl alcohol/Bismuth Ferrite Scaffolds**
Ilgar S., ULAĞ S., ŞAHİN A., GÜNDÜZ O., Ustundag C. B.
CHEMISTRYSELECT, vol.8, no.18, 2023 (SCI-Expanded)
- XVII. **Electrically Triggered Quercetin Release from Polycaprolactone/Bismuth Ferrite Microfibrous Scaffold for Skeletal Muscle Tissue**
Ayran M., Karabulut H., Deniz K. I., Akcanli G. C., Ulag S., Croitoru A., Tihăuan B., Sahin A., Fikai D., Gunduz O., et al.
PHARMACEUTICS, vol.15, no.3, 2023 (SCI-Expanded)
- XVIII. **Weekend warrior exercise model for protection from chronic mild stress-induced depression and ongoing cognitive impairment**
Öztürk Ç. Ç., Ataoğlu S. N., Arvas A., Tokol H., Yaprak H., Gürel S., Levent H. N., Akakın D., Şahin A., Çakır B., et al.
Acta Neurobiologiae Experimentalis, vol.83, no.1, pp.10-24, 2023 (SCI-Expanded)
- XIX. **Relationship between Blood Neutrophil Amount and LDL and Estrogen**
Sevim M., Altinoluk T., KAHRAMAN M. M., Akgun T., ŞAHİN A., Ozekici H. N., Fil A., Yildiz B., Yuceturk B., Lale E. N., et al.
ACTA PHYSIOLOGICA, vol.237, pp.40, 2023 (SCI-Expanded)
- XX. **Production of 3D Printed Bi-Layer and Tri-Layer Sandwich Scaffolds with Polycaprolactone and Poly(vinyl alcohol)-Metformin towards Diabetic Wound Healing**
Harmanci S., Dutta A., Cesur S., Sahin A., Gunduz O., Kalaskar D. M., Ustundag C. B.
POLYMERS, vol.14, no.23, 2022 (SCI-Expanded)
- XXI. **Gentamicin-loaded polyvinyl alcohol/whey protein isolate/hydroxyapatite 3D composite scaffolds with drug delivery capability for bone tissue engineering applications**
Tut T. A., Cesur S., Ilhan E., ŞAHİN A., Yildirim O. S., GÜNDÜZ O.
EUROPEAN POLYMER JOURNAL, vol.179, 2022 (SCI-Expanded)

- XXII. **3D-Printed PCL Scaffolds Combined with Juglone for Skin Tissue Engineering**
Ayran M., Dirican A., Saatcioglu E., Ulag S., Sahin A., Aksu B., Croitoru A., Fikai D., Gunduz O., Fikai A.
Bioengineering, vol.9, no.9, 2022 (SCI-Expanded)
- XXIII. **Alterations in Neutrophil Counts Change LDL Levels**
Sevim M., Altinoluk T., Kahraman M. M., Akgun T., Sahin A., Ozekici H. N., Fil A., Yildiz B., Yuceturk B., Lale E. N., et al.
ACTA PHYSIOLOGICA, vol.236, pp.981, 2022 (SCI-Expanded)
- XXIV. **Production and Characterization of PLA/HA/GO Nanocomposite Scaffold**
Oktay B., Ahlatcioglu Özerol E., Şahin A., Gunduz O., Ustundag C. B.
ChemistrySelect, vol.7, no.30, 2022 (SCI-Expanded)
- XXV. **Fabrication of Electrospun Juglans regia (Juglone) Loaded Poly(lactic acid) Scaffolds as a Potential Wound Dressing Material**
ALTAN E., Karacelebi Y., Saatcioglu E., ULAĞ S., ŞAHİN A., AKSU M. B., Croitoru A., Codrea C. I., Fikai D., GÜNDÜZ O., et al.
POLYMERS, vol.14, no.10, 2022 (SCI-Expanded)
- XXVI. **Synthesis and cytotoxicity analysis of porous beta-TCP/starch bioceramics**
Turan Y., Kalkandelen C., PALACI Y., ŞAHİN A., Gökçe H., GÜNDÜZ O., Ben-Nissan B.
JOURNAL OF THE AUSTRALIAN CERAMIC SOCIETY, vol.58, no.2, pp.487-494, 2022 (SCI-Expanded)
- XXVII. **Dual Spinneret Electrospun Polyurethane/PVA-Gelatin Nanofibrous Scaffolds Containing Cinnamon Essential Oil and Nanoceria for Chronic Diabetic Wound Healing: Preparation, Physicochemical Characterization and In-Vitro Evaluation**
Hussein M. A. M., Gunduz O., Sahin A., Grinholc M., El-Sherbiny I. M., Megahed M.
Molecules, vol.27, no.7, 2022 (SCI-Expanded)
- XXVIII. **The effect of polycaprolactone/graphene oxide electrospun scaffolds on the neurogenic behavior of adipose stem cells**
Pinar E., Sahin A., Unal S., Gunduz O., Harman F., Kaptanoglu E.
EUROPEAN POLYMER JOURNAL, vol.165, 2022 (SCI-Expanded)
- XXIX. **Combination of Second-Generation Proteasome Inhibitor Carfilzomib with Bortezomib in Four Different Breast Cancer Cell Lines**
Altundag E. M., Yilmaz A. M., Sahin A., Yilmaz B.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.22, no.16, pp.2909-2918, 2022 (SCI-Expanded)
- XXX. **Investigation of 3D-Printed Polycaprolactone-/Polyvinylpyrrolidone-Based Constructs**
Izgordu M. S., Uzgur E. I., Ulag S., Şahin A., Yilmaz B., Kilic B., Ekren N., Oktar F. N., Gündüz O.
CARTILAGE, vol.13, no.2_SUPPL, 2021 (SCI-Expanded)
- XXXI. **Levodopa-Loaded 3D-Printed Poly (Lactic) Acid/Chitosan Neural Tissue Scaffold as a Promising Drug Delivery System for the Treatment of Parkinson's Disease**
Saylam E., Akkaya Y., Ilhan E., Cesur S., Guler E., ŞAHİN A., Cam M. E., EKREN N., OKTAR F. N., GÜNDÜZ O., et al.
APPLIED SCIENCES-BASEL, vol.11, no.22, 2021 (SCI-Expanded)
- XXXII. **Dual-drug delivery of Ag-chitosan nanoparticles and phenytoin via core-shell PVA/PCL electrospun nanofibers**
Mohamady Hussein M. A., Guler E., RAYAMAN E., ÇAM M. E., ŞAHİN A., Grinholc M., Sezgin Mansuroglu D., Sahin Y. M., GÜNDÜZ O., Muhammed M., et al.
CARBOHYDRATE POLYMERS, vol.270, 2021 (SCI-Expanded)
- XXXIII. **Electrically Triggered Drug Delivery from Novel Electrospun Poly(Lactic Acid)/Graphene Oxide/Quercetin Fibrous Scaffolds for Wound Dressing Applications**
Croitoru A., Karaçelebi Y., Saatcioglu E., Altan E., Ulag S., Aydoğan H. K., Sahin A., Motelica L., Oprea O., Tihauan B., et al.
PHARMACEUTICS, vol.13, no.7, 2021 (SCI-Expanded)
- XXXIV. **alpha-Tocopherol supplementation reduces inflammation and apoptosis in high cholesterol mediated nonalcoholic steatohepatitis.**
Demirel-Yalciner T., Sozen E., Ozaltin E., Sahin A., Ozer N.
BioFactors (Oxford, England), vol.47, pp.403-413, 2021 (SCI-Expanded)

- XXXV. **Propolis-Based Nanofiber Patches to Repair Corneal Microbial Keratitis**
Ulag S, Ilhan E, Demirhan R, Sahin A, Yilmaz B, Aksu B, Sengor M, Ficai D, Titu A. M., Ficai A., et al.
MOLECULES, vol.26, no.9, 2021 (SCI-Expanded)
- XXXVI. **Design and fabrication of electrospun polycaprolactone/chitosan scaffolds for ligament regeneration**
Saatcioglu E., Ulag S., Şahin A., Yılmaz B., Ekren N., İnan A. T., Palacı Y., Üstündağ C. B., Gündüz O.
EUROPEAN POLYMER JOURNAL, vol.148, 2021 (SCI-Expanded)
- XXXVII. **Effect of electric stimulus on human adipose-derived mesenchymal stem cells cultured in 3D-printed scaffolds**
Bedir T., Ulag S., Aydogan K., Şahin A., Yılmaz B., Güvenç Y., Bozlar M., Üstündağ C. B., Gündüz O.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.32, no.3, pp.1114-1125, 2021 (SCI-Expanded)
- XXXVIII. **Fabrication of tissue-engineered tympanic membrane patches using 3D-Printing technology**
İlhan E., Ulag S., Sahin A., Yilmaz B., Ekren N., Kılıç O., Şengör M., Kalaskar D. M., Oktar F. N., Gündüz O.
JOURNAL OF THE MECHANICAL BEHAVIOR OF BIOMEDICAL MATERIALS, vol.114, 2021 (SCI-Expanded)
- XXXIX. **Chitosan/Gold Hybrid Nanoparticles Enriched Electrospun PVA Nanofibrous Mats for the Topical Delivery of Punica granatum L. Extract: Synthesis, Characterization, Biocompatibility and Antibacterial Properties**
Mohamady Hussein M. A., Ulag S., Abo Dena A. S., Sahin A., Grinholc M., Gunduz O., El-Sherbiny I., Megahed M.
INTERNATIONAL JOURNAL OF NANOMEDICINE, vol.16, pp.5133-5151, 2021 (SCI-Expanded)
- XL. **3D Printed Polycaprolactone/Gelatin/Bacterial Cellulose/Hydroxyapatite Composite Scaffold for Bone Tissue Engineering**
Cakmak A., Unal S., Sahin A., Oktar F. N., Sengor M., Ekren N., Gunduz O., Kalaskar D.
POLYMERS, vol.12, no.9, 2020 (SCI-Expanded)
- XLI. **3D printed artificial cornea for corneal stromal transplantation**
Ulag S, Ilhan E, Şahin A, Karademir Yilmaz B, Kalaskar D. M., Ekren N., Kılıç O., Nuzhet Oktar F. N., Gündüz O.
EUROPEAN POLYMER JOURNAL, vol.133, 2020 (SCI-Expanded)
- XLII. **Evidence that osteogenic and neurogenic differentiation capability of epidural adipose tissue-derived stem cells was more pronounced than in subcutaneous cells**
Solmaz B., Şahin A., Keleştemur T., Kiliç E., Kaptanoğlu E.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.50, pp.1825-1837, 2020 (SCI-Expanded)
- XLIII. **Antitumor and antimetastatic effects of walnut oil in esophageal adenocarcinoma cells**
Batrel S., Yilmaz A. M., Şahin A., Perakakis N., Ozer N., Mantzoros C. S.
Clinical Nutrition, vol.37, pp.2166-2171, 2018 (SCI-Expanded)
- XLIV. **High Cholesterol Diet-Induced Changes in Oxysterol and Scavenger Receptor Levels in Heart Tissue**
Sozen E., Yazgan B., Şahin A., Ince U., Ozer N.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, vol.2018, 2018 (SCI-Expanded)
- XLV. **Proteasome Inhibitors in Cancer Therapy and their Relation to Redox Regulation**
Sari G., Okat Z., Şahin A., Karademir B.
CURRENT PHARMACEUTICAL DESIGN, vol.24, pp.5252-5267, 2018 (SCI-Expanded)
- XLVI. **Endoplasmic reticulum stress related molecular mechanisms in nonalcoholic steatohepatitis**
Bozaykut P., Şahin A., Karademir Yılmaz B., Ozer N.
MECHANISMS OF AGEING AND DEVELOPMENT, vol.157, pp.17-29, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluating the Role of Nrf-2/HO-1 Pathway in Glioblastoma Treatment Efficacy: A Co-Culture Study**
Güneş Z., Başkent M. F., Arslan S., Atasoy B., Köstek O., Şahin A., Karademir Yılmaz B.
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.14, no.3, pp.760-767, 2024 (ESCI)
- II. **3D-printed polylactic acid (PLA)/polymethyl silsesquioxane (PMSQ)-based scaffolds coated with vitamin E microparticles for the application of wound healing**

Anjrini N., Karabulut H., ULAĞ S., Ege H., Noberi C., DOĞAN C., ŞAHİN A., GÜNDÜZ O.
EMERGENT MATERIALS, 2024 (ESCI)

III. **Electrospun composite nanofibers for treating infectious esophagitis**

Koyun M., Sulutas R. B., Turan Y., Karabulut H., Moradi A., Ozarici H. B., ULAĞ S., ŞAHİN A., Guncu M. M., GÜNDÜZ O.
EMERGENT MATERIALS, vol.6, pp.1549-1561, 2023 (ESCI)

IV. **A novel approach to treat the Thiel-Behnke corneal dystrophy using 3D printed honeycomb-shaped polymethylmethacrylate (PMMA)/Vancomycin (VAN) scaffolds**

Ulag S., ŞAHİN A., Guncu M. M., AKSU M. B., EKREN N., ŞENGÖR M., Kalaskar D. M., GÜNDÜZ O.
Bioprinting, vol.24, 2021 (Scopus)

V. **3D printing of Osage orange extract/Chitosan scaffolds for soft tissue engineering**

SAATÇIOĞLU E., KOYUN M., ULAĞ S., ŞAHİN A., YILMAZ B., AKSU M. B., GÜNDÜZ O.
FOOD HYDROCOLLOIDS FOR HEALTH, vol.1, 2021 (ESCI)

Books & Book Chapters

I. **In vitro evaluation of biomaterials for neural tissue engineering**

Şahin A., Çıki B., Yılmaz B.

in: Biomaterials for Neural Tissue Engineering, Oguzhan Gunduz, Cem Bulent Ustundag, Mustafa Sengor, Editor,
Elsevier Science, Oxford/Amsterdam, Oxford, pp.367-415, 2023

II. **Spektrofotometre**

Şahin A.

in: GÜNCEL LABORATUVAR TIBBİ, Dal Tuba, Yanılmaz Özgür, Cevahir Nural, Batrel Saime, Editor, İstanbul Tıp
Kitabevleri, İstanbul, pp.259-264, 2021

Refereed Congress / Symposium Publications in Proceedings

I. **Synthesis, characterization and In-vitro investigation of the activity of Doxorubicin-loaded PLA-based nanofibers**

Ismayilova N., Ulağ S., Şahin A., Barlas F. B., İnce E., Gündüz O.

Applications of Chemistry in Nanosciences and Biomaterials Engineering NanoBioMat 2024 – Summer Edition,
Bucuresti, Romania, 19 - 21 June 2024, pp.101-102

II. **Kan Nötrofil Sayısındaki Değişiklikler LDL ve Östrojen Düzeylerini Etkiler**

SEVİM M., ALTINOLUK T., KAHRAMAN M. M., Akgün T., ŞAHİN A., Özekici H. N., Fil A., Yıldız B., Yüçetürk B., Lale E. N.,
et al.

Türk Fizyolojik Bilimler Derneği 47. Ulusal Fizyoloji Kongresi, Antalya, Turkey, 01 November 2022

III. **Alterations in Neutrophil Counts Change LDL Levels**

SEVİM M., ALTINOLUK T., KAHRAMAN M. M., Akgün T., ŞAHİN A., Özekici H. N., Fil A., Yıldız B., Yüçetürk B., Lale E. N.,
et al.

Europhysiology, Kopenhagen, Denmark, 16 September 2022

IV. **Investigation Of Cell Behavior On The 3D-Printed Neural Scaffolds By Electrical Stimulation**

BEDİR T., ULAĞ S., AYDOĞAN K., ŞAHİN A., YILMAZ B., GÜVENÇ Y., BOZLAR M., GÜNDÜZ O., ÜSTÜNDAĞ C. B.
5th International Congress On 3d Printing (Additive Manufacturing) Technologies And Digital Industry (3D-
PTC2021), 03 June 2021

V. **SERUM YAĞ ASİT PROFİLİNİN KORONER ARTER HASTALIĞI GELİŞİMİNDEKİ ROLÜ**

CETINKAYA B., ŞAHİN A., Guctekin T., ÖZBEN SADIÇ B., TİGEN M. K., BATİREL S.

4. Aterometabolik ve renal hastalıklar Sempozyumu, İstanbul, Turkey, 5 - 07 March 2021

VI. **Anti-Tumor Effect Of Bortezomib And Carfilzomib On Glioblastoma Cells And Stress Response And Skeletal Damage In Healthy Brain Cells**

ARSLAN ESERYEL S., GÜVEN Ü., ÜNAL S., ŞAHİN A., YILMAZ GÖLER A. M., ATASOY B. M., GÜNDÜZ O., YILMAZ B.

8th Multidisciplinary Cancer Research Congress, Turkey, 16 - 17 January 2021

VII. Combination of Proteasome Inhibitor Bortezomib with Temozolomide and Radiotherapy in Co-Culture and 3D Culture Models of Glioblastoma

ÜNAL S., ARSLAN ESERYEL S., GÜVEN Ü., ŞAHİN A., YILMAZ GÖLER A. M., ATASOY B. M., GÜNDÜZ O., YILMAZ B.

8th Multidisciplinary Cancer Research Congress, Turkey, 16 - 17 January 2021

VIII. Production of 3D-Printed Tympanic Membrane Scaffolds as a Tissue Engineering Application

Ilhan E., Ulag S., Şahin A., Ekren N., Kılıç O., Oktar F. N., Gündüz O.

8th International Work-Conference on Bioinformatics and Biomedical Engineering, IWBBIO 2020, Granada, Spain, 6 - 08 May 2020, vol.12108 LNBI, pp.175-184

IX. Oxysterol mediated lipid metabolism alterations and apoptotic pathway in NAFLD

Demirel T., Sozen E., ŞAHİN A., Ozer N.

Annual Meeting of the Society-for-Free-Radical-Research- Europe (SFRRE) on Redox Homeostasis - From Signaling to Damage, Ferrara, Italy, 19 - 21 June 2019, vol.139

X. Use of Mass Spectrometry in Determining Fatty Acid and Oxysterol Alterations in Heart Tissue Effect of High Cholesterol Diet

SÖZEN A. E., YAZGAN B., ŞAHİN A., TOK O. E., ERCAN F., KARTAL ÖZER N.

Advances in the Study of Lipid and Protein Oxidation: From Methods to Targets, 13 - 15 March 2019

XI. Omurilik Yaralanmasında Travma Sonrası Erken Dönemde Uygulanan Düşük Doz İyonize Radyasyon ve Eritropoetinin Sekonder Hasarın Önlenmesinde Etkisinin İncelenmesi

Kaptanoğlu E., Güvenç Y., Bozkurt S., Atasoy B. M., Şahin A., Harman F.

Türk Nöroşirurji Derneği Spinal Cerrahide Komplikasyonlar Sempozyumu, Muğla, Turkey, 26 - 29 September 2018

XII. Post Traumatic Use of Erythropoietin and Low Dose Ionising Radiation to Prevent Secondary Damage in Spinal Cord Trauma

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XIV. ER stress related inflammation and apoptotic cell death in nonalcoholic fatty liver disease

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Memberships / Tasks in Scientific Organizations

Society For Free Radical Research - Europe, Member, 2014 - Continues

Turkish Biochemical Society, Member, 2014 - Continues

Tasks In Event Organizations

Şahin A., Cell Death Symposium 2019, Scientific Congress, İstanbul, Turkey, Ekim 2019

Metrics

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Congress and Symposium Activities

8th Multidisciplinary Cancer Research Congress, Attendee, İstanbul, Turkey, 2021

42nd FEBS CONGRESS, Attendee, Yerushalayim, Israel, 2017

Society for Free Radical Research – Europe (SFRR-E) 2014 Meeting, Attendee, Paris, France, 2014