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Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Plastik Rekonstrüktif Ve Estetik Cerrahi , Turkey 1992 - 1987

Undergraduate, Hacettepe University, Sivas Tıp Fakültesi, Turkey 1979 - 1986

Dissertations

Doctorate, KRANİYAL SÜTÜR FÜZYONUNDA CALCİTONİN GENE-RELATED PEPTİDE (CGRP)'İN ROLÜ , Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, İleri Plastik, Rekonstrüktif Ve Estetik Cerrahi (Dr), 2003

Research Areas

Medicine, Health Sciences, Surgery Medicine Sciences, Plastic and Reconstructive Surgery

Academic and Administrative Experience

Hacettepe Üniversitesi, Hacettepe Tıp Fakültesi, 2015 - Continues

Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Biyomühendislik (Dr), 2015 - Continues

Hacettepe Üniversitesi, Deney Hayvanları Uygulama Ve Araştırma Merkezi, 2014 - Continues

Kırıkkale Üniversitesi, Tıp Fakültesi, Cerrahi Tıp Bilimleri Bölümü, 2005 - 2013

Kırıkkale Üniversitesi, Tıp Fakültesi, 2009 - 2010

Kırıkkale Üniversitesi, Tıp Fakültesi, 2006 - 2009

Advising Theses

VARGEL İ., Antikor taşıyan nanopartiküller kullanarak hipertermi ile tümör dokusunun tedavisi, Doctorate, R.DIDARIAN(Student), 2017

VARGEL İ., Kalvaryal defektlerin onarımında jelatin/hidroksiapatit esaslı kriyojel doku iskelelerinin etkisi, Doctorate, İ.İNÇİ(Student), 2012

VARGEL İ., Manyetik yüklü altın kaplı nanopartiküllerin yüklendiği kemik iliği kökenli mezenkimal kök hücrelerle kalvaryal kemik defekti onarımı değerlendirilmesi, Expertise In Medicine, M.GÜREL(Student), 2012

VARGEL İ., Denerve deri yaralarında epidermal büyüme faktörü taşıyan polimer kapamalarının yara iyileşmesine olan etkilerinin araştırılması, Expertise In Medicine, G.KARAEMİNOĞULLARI(Student), 2009

VARGEL İ., Denerve dokulardaki üçüncü derece yanıklarda "Calcitonin gene-related peptide (CGRP)"in yara iyileşmesine

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Therapeutic targeting of siRNA/anti-cancer drug delivery system for non-melanoma skin cancer. Part I: Development and gene silencing of JAK1siRNA/5-FU loaded liposome nanocomplexes**
Aslan M., ÖZTÜRK Ş., Shahbazi R., Bozdemir O. z., ZEYBEK N. D., VARGEL İ., EROĞLU İ., ULUBAYRAM K.
EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, 2024 (SCI-Expanded)
- II. **Clinic-oriented injectable smart material for the treatment of diabetic wounds: Coordinating the release of GM-CSF and VEGF**
Kinali H., KALAYCIOĞLU G. D., Boyacioglu O., KORKUSUZ P., AYDOĞAN N., VARGEL İ.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, 2024 (SCI-Expanded)
- III. **Controlled Release Simvastatine from Molecularly Imprinted Cryogel Membranes**
Faalnouri S., ÇİMEN D., VARGEL İ., DENİZLİ A., BERELİ N.
CHEMISTRYSELECT, no.36, 2024 (SCI-Expanded)
- IV. **Evaluation of Burn Wound Healing Efficacy and Biocompatibility of Centella asiatica Mediated Synthesised AgNPs Loaded Hybrid Nanofiber Scaffold: In Vitro and In Vivo Studies**
Bozkaya O., Bozkaya E., EKİCİ H., ALÇIĞIR M. E., ŞAHİN Y., Cerci N. A., KARAHAN S., YİĞİTOĞLU M., VARGEL İ.
MACROMOLECULAR MATERIALS AND ENGINEERING, 2024 (SCI-Expanded)
- V. **Assessment of Ecotropic Viral Integration Site 2B (EVI2B) Gene in Juvenile Myelomonocytic Leukemia and Neurofibromatosis Type 1 NF1 Tumors**
Saharafi P., AKAR İ., ERSOY EVANS S., Anlar B., VARAN A., VARGEL İ., ÇETİN M., Ayter S.
Biochemical Genetics, vol.62, no.2, pp.1263-1276, 2024 (SCI-Expanded)
- VI. **Investigation of the in vitro antibacterial, cytotoxic and in vivo analgesic effects of silver nanoparticles coated with Centella asiatica plant extract**
Bozkaya O., Ekici H., Gün Gök Z., Arat E., Ekici S., Yiğitoğlu M., Vargel İ.
Ankara Universitesi Veteriner Fakultesi Dergisi, vol.70, no.1, pp.87-96, 2023 (SCI-Expanded)
- VII. **Human periodontal ligament stem cells-derived exosomes-loaded hybrid hydrogel enhances the calvarial defect regeneration in middle-age rats**
Isik M., VARGEL İ., ÖZGÜR E., Cam S. B., KORKUSUZ P., EMREGÜL E., ODABAŞ S., DERKUŞ B.
Materials Today Communications, vol.36, 2023 (SCI-Expanded)
- VIII. **Hybrid tumor 'spiradenocylindroma' with unusual dermoscopic features**
Bostan E., BOYNUYOĞUN E., GÖKÖZ Ö., VARGEL İ.
Anais Brasileiros de Dermatologia, vol.98, no.3, pp.382-384, 2023 (SCI-Expanded)
- IX. **Clinical results of polidocanol sclerotherapy in venous malformation treatment: Patient-perceived improvement and satisfaction**
ÇAY F., Altunbulak A. Y., ÖZBAY Y., Eldem G., Çil B. E., VARGEL İ., Kutluk M. T., YALÇIN B., PEYNİRCİOĞLU B.
Phlebology, vol.38, no.1, pp.36-43, 2023 (SCI-Expanded)
- X. **Endovascular Treatment of Peripheral Arteriovenous Malformations (AVMs): Do Angiographic Outcomes Relate to the Quality of Life?**
ÇAY F., Eldem G., Sevim G. A., Özdemir K. Ç., Çil B. E., VARGEL İ., PEYNİRCİOĞLU B.
Journal of Endovascular Therapy, 2023 (SCI-Expanded)
- XI. **Biofabrication of Poly(glycerol sebacate) Scaffolds Functionalized with a Decellularized Bone Extracellular Matrix for Bone Tissue Engineering**
GÜLER S., Eichholz K., Chariyev-Prinz F., Pitacco P., AYDIN H. M., Kelly D. J., VARGEL İ.
Bioengineering, vol.10, no.1, 2023 (SCI-Expanded)
- XII. **Autologous Adipose-Derived Tissue Stromal Vascular Fraction (AD-tSVF) for Knee Osteoarthritis**
VARGEL İ., Tuncel A., Baysal N., HARTUÇ ÇEVİK İ., KORKUSUZ F.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.23, no.21, 2022 (SCI-Expanded)
- XIII. **Evaluation of histopathological margin and other recurrence parameters in basal cell carcinoma: A**

retrospective analysis of 8821 lesions

YILDIZDAL S., Kucukguven A., ÇALIŞ M., VARGEL İ.

JOURNAL OF PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY, vol.75, no.9, pp.3390-3397, 2022 (SCI-Expanded)

- XIV. **A novel ultrasound-guided minimally invasive technique for the treatment of extracapsular condylar fractures**
KÜÇÜKGÜVEN A., VARGEL İ., Mavili E.
JOURNAL OF CRANIO-MAXILLOFACIAL SURGERY, vol.50, no.6, pp.473-477, 2022 (SCI-Expanded)
- XV. **Production and characterization of hybrid nanofiber wound dressing containing Centella asiatica coated silver nanoparticles by mutual electrospinning method**
Bozkaya O., Arat E., GÖK Z. G., YİĞİTOĞLU M., VARGEL İ.
EUROPEAN POLYMER JOURNAL, vol.166, 2022 (SCI-Expanded)
- XVI. **Temporomandibular joint innervation: Anatomical study and clinical implications**
KÜÇÜKGÜVEN A., DEMİRYÜREK M. D., VARGEL İ.
ANNALS OF ANATOMY-ANATOMISCHER ANZEIGER, vol.240, 2022 (SCI-Expanded)
- XVII. **Treatment of En Coup de Sabre Deformity with Fat Grafting and Demineralized Bone Matrix: A Case Series**
MENKÜ ÖZDEMİR F. D., ÜSTÜN G. G., VARGEL İ., ÖZGÜR F. F.
JOURNAL OF PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY, vol.74, no.12, pp.3353-3360, 2021 (SCI-Expanded)
- XVIII. **A Novel Injection Technique to the Lateral Pterygoid Muscle for Temporomandibular Disorders: A Cadaveric Study**
KÜÇÜKGÜVEN A., DEMİRYÜREK M. D., BİLGİÇ KÜÇÜKGÜVEN M., VARGEL İ.
PLASTIC AND RECONSTRUCTIVE SURGERY, vol.148, no.5, 2021 (SCI-Expanded)
- XIX. **Treatment of tumour tissue with radio-frequency hyperthermia (using antibody-carrying nanoparticles)**
Didarian R., VARGEL İ.
IET NANOBIO TECHNOLOGY, vol.15, no.8, pp.639-653, 2021 (SCI-Expanded)
- XX. **Airflow Considerations and the Effect of Webster's Triangle in Reduction Rhinoplasty**
Kamburoglu H. O., Bitik O., VARGEL İ.
AESTHETIC PLASTIC SURGERY, vol.45, no.5, pp.2244-2254, 2021 (SCI-Expanded)
- XXI. **Synthesis, characterization and wound healing ability of PET based nanofiber dressing material coated with silk sericin capped-silver nanoparticles**
GÖK Z. G., YİĞİTOĞLU M., VARGEL İ., ŞAHİN Y., ALÇIĞIR M. E.
MATERIALS CHEMISTRY AND PHYSICS, vol.259, 2021 (SCI-Expanded)
- XXII. **Production of 2-hydroxyethyl methacrylate-g-poly(ethylene terephthalate) nanofibers by electrospinning and evaluation of the properties of the obtained nanofibers**
GÖK METİN Z., İNAL M., Bozkaya O., YİĞİTOĞLU M., VARGEL İ.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.137, no.41, 2020 (SCI-Expanded)
- XXIII. **Minimally invasive cortical bone collector: A new tool in rhinoplasty**
Sert G., Bitik O., VARGEL İ.
JOURNAL OF PLASTIC RECONSTRUCTIVE AND AESTHETIC SURGERY, vol.73, no.7, pp.1389-1392, 2020 (SCI-Expanded)
- XXIV. **Coating of modified poly(ethylene terephthalate) fibers with sericin-capped silver nanoparticles for antimicrobial application**
GÖK Z. G., Gunay K., ARSLAN M., YİĞİTOĞLU M., VARGEL İ.
POLYMER BULLETIN, vol.77, no.4, pp.1649-1665, 2020 (SCI-Expanded)
- XXV. **Clinical and Molecular Study of ELMO-2-Related Massive Intraosseous Vascular Malformations Lessons Learned From 25 Years of Follow-up**
VARGEL İ., ÇALIŞ M., Canter H. I., ÇİL B. E.
ANNALS OF PLASTIC SURGERY, vol.83, no.3, pp.293-299, 2019 (SCI-Expanded)

- XXVI. **The effect of playing video games on fiberoptic intubation skills**
Yilbas A. A., CANBAY Ö., AKÇA B., ÜZÜMCÜGİL F., MELEK A., ÇALIŞ M., VARGEL İ.
ANAESTHESIA CRITICAL CARE & PAIN MEDICINE, vol.38, no.4, pp.341-345, 2019 (SCI-Expanded)
- XXVII. **Stem cells combined 3D electrospun nanofibrous and macrochannelled matrices: a preliminary approach in repair of rat cranial bones**
İŞOĞLU İ. A., Bolgen N., KORKUSUZ P., VARGEL İ., ÇELİK H. H., Kilic E., Guzel E., Cavusoglu T., Uckan D., Piskin E.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.47, no.1, pp.1094-1100, 2019 (SCI-Expanded)
- XXVIII. **Percutaneous Treatment of Scalp Arteriovenous Fistulas by Direct Puncture and Polydocanol Sclerotherapy Report of 2 Cases with Long-term Follow-up**
Cil B., Topcuoglu O. M., PEYNİRCİOĞLU B., ARAT A., VARGEL İ.
CLINICAL NEURORADIOLOGY, vol.28, no.4, pp.609-612, 2018 (SCI-Expanded)
- XXIX. **Heightened CXCR4 and CXCL12 expression in NF1-associated neurofibromas**
KARAOSMANOĞLU B., Kocaefe C. Y., Soylemezoglu F., Anlar B., VARAN A., VARGEL İ., Ayter S.
CHILDS NERVOUS SYSTEM, vol.34, no.5, pp.877-882, 2018 (SCI-Expanded)
- XXX. **Cranial bone regeneration via BMP-2 encoding mesenchymal stem cells**
Vural A. C., Odabas S., KORKUSUZ P., Saglam A. S. Y., BİLGİÇ E., Cavusoglu T., Piskin E., VARGEL İ.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.45, no.3, pp.544-550, 2017 (SCI-Expanded)
- XXXI. **Humanitarian Activities of Interplast Turkiye: 6 Years of Experience in Uzbekistan for Surgical Treatment of Cleft Patients and Related Secondary Deformities**
ÇALIŞ M., ARAL A. M., SENCAN A., KANBAK M., VARGEL İ., OZGUR F., ISCEN D.
ANNALS OF PLASTIC SURGERY, vol.77, no.5, pp.494-498, 2016 (SCI-Expanded)
- XXXII. **Correction of Brachymetatarsia and Medial Angulation of the Great Toe of Apert Foot By Distraction Osteogenesis: A Review of 7 Years of Experience**
ÇALIŞ M., Oznur A., EKİN Ö., VARGEL İ.
JOURNAL OF PEDIATRIC ORTHOPAEDICS, vol.36, no.6, pp.582-588, 2016 (SCI-Expanded)
- XXXIII. **Loss-of-Function Mutations in ELMO2 Cause Intraosseous Vascular Malformation by Impeding RAC1 Signaling**
Cetinkaya A., Xiong J. R., Vargel İ., Kösemehmetoğlu K., Canter H. I., Gerdan O. F., Longo N., Alzahrani A., Camps M. P., Taskiran E. Z., et al.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.99, no.2, pp.299-317, 2016 (SCI-Expanded)
- XXXIV. **Poly(L-Lactide)/Poly(epsilon-Caprolactone) and Collagen/beta-Tricalcium Phosphate Scaffolds for the Treatment of Critical-Sized Rat Alveolar Defects: A Microtomographic, Molecular-Biological, and Histological Study**
Ekin O., ÇALIŞ M., ALIYEV A., Yar A. S., KORKUSUZ P., BİLGİÇ E., AYDIN H. M., ÇELİK H. H., OZGUR F., VARGEL İ.
CLEFT PALATE-CRANIOFACIAL JOURNAL, vol.53, no.4, pp.453-463, 2016 (SCI-Expanded)
- XXXV. **Ti implants with nanostructured and HA-coated surfaces for improved osseointegration**
Sirin H. T., VARGEL İ., Kutsal T., KORKUSUZ P., Piskin E.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.44, no.3, pp.1023-1030, 2016 (SCI-Expanded)
- XXXVI. **Evaluation of the effectiveness of biodegradable electrospun caprolactone and poly(lactic acid-epsilon-caprolactone) nerve conduits for peripheral nerve regenerations in a rat sciatic nerve defect model**
DADACI M., KARAGÜLLE N., Sonmez E., Dadaci Z., Isci E. T., İNCE B., VARGEL İ., Piskin E., ERK A. Y.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.46, no.2, pp.539-548, 2016 (SCI-Expanded)
- XXXVII. **Metastasis suppressor proteins in cutaneous squamous cell carcinoma**
Bozdogan O., VARGEL İ., Cavusoglu T., Karabulut A. A., Karahan G., Sayar N., Atasoy P., YULUĞ I.
PATHOLOGY RESEARCH AND PRACTICE, vol.212, no.7, pp.608-615, 2016 (SCI-Expanded)
- XXXVIII. **Differential expression patterns of metastasis suppressor proteins in basal cell carcinoma**
Bozdogan O., Yulug I. G., VARGEL İ., Cavusoglu T., Karabulut A. A., Karahan G., Sayar N.
INTERNATIONAL JOURNAL OF DERMATOLOGY, vol.54, no.8, pp.905-915, 2015 (SCI-Expanded)
- XXXIX. **Gelatin-Hydroxyapatite Cryogels with Bone Morphogenetic Protein-2 and Transforming Growth Factor Beta-1 for Calvarial Defects**
Inci I., Odabas S., VARGEL İ., Guzel E., KORKUSUZ P., Cavusoglu T., Kirsebom H., ÇELİK H. H., DEMİRKAZIK F.,

Mattiasson B., et al.

JOURNAL OF BIOMATERIALS AND TISSUE ENGINEERING, vol.4, no.8, pp.624-631, 2014 (SCI-Expanded)

- XL. **Intraarterial polidocanol injection for the treatment of peripheral arteriovenous malformations**
Ergun O., Atli E., Gulek B., Ciftci T., Cil B., Vargel I., PEYNİRCİOĞLU B.
SURGERY TODAY, vol.44, no.7, pp.1232-1241, 2014 (SCI-Expanded)
- XLI. **Influence of scaffold composition over invitro osteogenic differentiation of hBMSCs and invivo inflammatory response**
Costa-Pinto A. R., Vargel I., Tuzlakoglu K., Correlo V. M., Sol P. C., Faria S., Piskin E., Reis R. L., Neves N. M.
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.28, no.9, pp.1430-1442, 2014 (SCI-Expanded)
- XLII. **Stem cell suspension injected HEMA-lactate-dextran cryogels for regeneration of critical sized bone defects**
Bolgen N., KORKUSUZ P., VARGEL İ., Kilic E., Guzel E., Cavusoglu T., Uckan D., Piskin E.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.42, no.1, pp.70-77, 2014 (SCI-Expanded)
- XLIII. **Mutations in the interleukin receptor IL11RA cause autosomal recessive Crouzon-like craniosynostosis**
Keupp K., Li Y., VARGEL İ., Hoischen A., Richardson R., Neveling K., ALANAY Y., Uz E., Elcioglu N., Rachwalski M., et al.
MOLECULAR GENETICS & GENOMIC MEDICINE, vol.1, no.4, pp.223-237, 2013 (SCI-Expanded)
- XLIV. **Percutaneous management of peripheral vascular malformations: a single center experience**
Turkbey B., PEYNİRCİOĞLU B., Arat A., CANYIĞIT M., Ozer C., Vargel I., BALKANCI F., Cil B.
DIAGNOSTIC AND INTERVENTIONAL RADIOLOGY, vol.17, no.4, pp.363-367, 2011 (SCI-Expanded)
- XLV. **Results of GM-CSF treatment in chemotherapeutic extravasation ulcers**
Vargel I., Canter H. I., Erdem A., Altundag M. K.
JOURNAL OF BUON, vol.15, no.3, pp.608-609, 2010 (SCI-Expanded)
- XLVI. **A newborn with infantile fibrosarcoma of foot: treatment with chemotherapy and extremity-sparing surgery**
Akyuz C., Sari N., Vargel I., Gedikoglu G., Haliloglu M., Buyukpamukcu M.
JOURNAL OF PERINATOLOGY, vol.30, no.1, pp.63-65, 2010 (SCI-Expanded)
- XLVII. **ALX4 dysfunction disrupts craniofacial and epidermal development**
Kayserili H., Uz E., Niessen C., VARGEL İ., Alanay Y., Tuncbilek G., Yigit G., Uyguner O., Candan S., Okur H., et al.
HUMAN MOLECULAR GENETICS, vol.18, no.22, pp.4357-4366, 2009 (SCI-Expanded)
- XLVIII. **A Comparison of Various Vascularization-Perfusion Venous Nerve Grafts with Conventional Nerve Grafts in Rats**
VARGEL İ., Demirci M., ERDEM S., FIRAT P., Surucu H. S., TAN E., Kecik A.
JOURNAL OF RECONSTRUCTIVE MICROSURGERY, vol.25, no.7, pp.425-437, 2009 (SCI-Expanded)
- XLIX. **Venous vascular malformations of the craniofacial region: pre-operative embolisation with direct percutaneous puncture and N-butyl cyanoacrylate**
Cil B. E., Vargel I., Geyik S., Peynircioglu B., Cavusoglu T.
BRITISH JOURNAL OF RADIOLOGY, vol.81, no.972, pp.935-939, 2008 (SCI-Expanded)
- L. **Skewed X inactivation in an X linked nystagmus family resulted from a novel, p.R229G, missense mutation in the FRMD7 gene**
Kaplan Y., VARGEL İ., Kansu T., Akin B., Rohmann E., Kamaci S., Uz E., Ozcelik T., Wollnik B., Akarsu N. A.
BRITISH JOURNAL OF OPHTHALMOLOGY, vol.92, no.1, pp.135-141, 2008 (SCI-Expanded)
- LI. **Effect of slow-release 5-fluorouracil on capsule formation around silicone breast implants: An experimental study with mice**
Canter H. I., Konas E., BOZDOGAN O., Vargel I., OZBATIR B., Oner F., ERK Y.
AESTHETIC PLASTIC SURGERY, vol.31, no.6, pp.674-679, 2007 (SCI-Expanded)
- LII. **Embolization of high-flow craniofacial vascular malformations with onyx**
Arat A., Cil B. E., Vargel I., Turkbey B., Canyigit M., Peynircioglu B., Arat Y. O.
AMERICAN JOURNAL OF NEURORADIOLOGY, vol.28, no.7, pp.1409-1414, 2007 (SCI-Expanded)
- LIII. **In vivo performance of antibiotic embedded electrospun PCL membranes for prevention of abdominal adhesions**

- Boelgen N., Vargel I., Korkusuz P., Menciloglu Y. Z., Piskin E.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, no.2, pp.530-543, 2007 (SCI-Expanded)
- LIV. **Repeated tissue expansions on solit-thickness skin graft in a patient with neurocutaneous syndrome**
Canter H. I., Igde M., Vargel I., ÖZGÜR F. F.
JOURNAL OF CRANIOFACIAL SURGERY, vol.18, no.3, pp.699-703, 2007 (SCI-Expanded)
- LV. **Reconstruction of mandibular defects using autografts combined with demineralized bone matrix and cancellous allograft**
Canter H. I., Vargel I., Mavili M. E.
JOURNAL OF CRANIOFACIAL SURGERY, vol.18, no.1, pp.95-100, 2007 (SCI-Expanded)
- LVI. **Results of botulinum toxin: An application to blepharospasm in Schwartz-Jampel syndrome**
Vargel I., Canter H. I., Topaloglu H., Erk Y.
JOURNAL OF CRANIOFACIAL SURGERY, vol.17, no.4, pp.656-660, 2006 (SCI-Expanded)
- LVII. **Ring chromosome 4 and Wolf-Hirschhorn syndrome (WHS) in a child with multiple anomalies**
Balci S., Engiz O., Aktas D., Vargel I., Beksac M., Mrasek K., Vermeesch J., Liehr T.
AMERICAN JOURNAL OF MEDICAL GENETICS PART A, no.6, pp.628-632, 2006 (SCI-Expanded)
- LVIII. **Blood loss and transfusion rates during repair of craniofacial deformities**
Tuncbilek G., Vargel I., Erdem A., Mavili M., Benli K., Erk Y.
JOURNAL OF CRANIOFACIAL SURGERY, vol.16, no.1, pp.59-62, 2005 (SCI-Expanded)
- LIX. **In vitro and in vivo degradation of non-woven materials made of poly(epsilon-caprolactone) nanofibers prepared by electrospinning under different conditions**
Bolgen N., Menciloglu Y., Acatay K., Vargel I., Piskin E.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.16, no.12, pp.1537-1555, 2005 (SCI-Expanded)
- LX. **Correction of facial deformity using a red III device in a patient with Antley-Bixler syndrome**
Tuncbilek G., Vargel I., Mavili M.
JOURNAL OF CRANIOFACIAL SURGERY, vol.15, no.6, pp.1043-1048, 2004 (SCI-Expanded)
- LXI. **Use of a water-vapour permeable polyurethane film (Omiderm (R)) in the non-surgical treatment of aplasia cutis congenita**
Canter H., Vargel I., NASIR S. N., Kayikcioglu A.
SCANDINAVIAN JOURNAL OF PLASTIC AND RECONSTRUCTIVE SURGERY AND HAND SURGERY, vol.38, no.4, pp.232-235, 2004 (SCI-Expanded)
- LXII. **Solvent-dehydrated calvarial allografts in craniofacial surgery**
Vargel I., Tuncbilek G., Mavili E., Cila A., Ruacan S., Benli K., Erk Y.
PLASTIC AND RECONSTRUCTIVE SURGERY, vol.114, no.2, pp.298-306, 2004 (SCI-Expanded)
- LXIII. **Isolated supraorbital rim fracture displaced out of scalp: A case report**
Tuncbilek G., Vargel I., Erk Y.
JOURNAL OF CRANIOFACIAL SURGERY, vol.15, no.3, pp.451-453, 2004 (SCI-Expanded)
- LXIV. **Stoppers in Red II distraction device: Is it possible to prevent pin migration?**
Mavili M., Vargel I., Tuncbilek G.
JOURNAL OF CRANIOFACIAL SURGERY, vol.15, no.3, pp.377-383, 2004 (SCI-Expanded)
- LXV. **Midface distraction using spring scale attached to rigid external device**
Tuncbilek G., Mavili M., Vargel I., Enacar A., Erk Y.
PLASTIC AND RECONSTRUCTIVE SURGERY, vol.113, no.5, pp.1410-1416, 2004 (SCI-Expanded)
- LXVI. **Familial syndrome of unusual triangular facies associated with cleft palate, malocclusion, midfacial hypoplasia and sensorineural hearing loss in two siblings. Is it a new autosomal recessive syndrome?**
Balci S., Akcan B., Vargel I., Tumer C., Enacar A.
CLINICAL DYSMORPHOLOGY, vol.13, no.2, pp.71-74, 2004 (SCI-Expanded)
- LXVII. **Hereditary intraosseous vascular malformation of the craniofacial region: imaging findings**
Vargel I., Cil B., Kiratli P., Akinci D., Erk Y.
BRITISH JOURNAL OF RADIOLOGY, vol.77, no.915, pp.197-203, 2004 (SCI-Expanded)

- LXVIII. **Rigid external distraction of the midface with direct wiring of the distraction unit in patients with craniofacial dysplasia**
Mavili M., Tuncbilek G., Vargel I.
JOURNAL OF CRANIOFACIAL SURGERY, vol.14, no.5, pp.783-785, 2003 (SCI-Expanded)
- LXIX. **Botulinum toxin in the treatment of zygomatic fractures**
Kayikcioglu A., Erk Y., Mavili E., Vargel I., ÖZGÜR F. F.
PLASTIC AND RECONSTRUCTIVE SURGERY, vol.111, no.1, pp.341-346, 2003 (SCI-Expanded)
- LXX. **Tissue response to N-butyl-2-cyanoacrylate after percutaneous injection into cutaneous vascular lesions**
Canter H., Vargel I., Mavili M., Gokoz A., Erk Y.
ANNALS OF PLASTIC SURGERY, vol.49, no.5, pp.520-526, 2002 (SCI-Expanded)
- LXXI. **Reinnervation of denervated muscle in a split-nerve transfer model**
Ozkan O., Safak T., Vargel I., Demirci M., Erdem S., Erk Y.
ANNALS OF PLASTIC SURGERY, vol.49, no.5, pp.532-540, 2002 (SCI-Expanded)
- LXXII. **A new experimental hypertrophic scar model in guinea pigs**
AKSOY H. H., VARGEL İ., CANTER H., ERK Y., SARGON M. F., Pinar A., TEZEL G.
AESTHETIC PLASTIC SURGERY, vol.26, no.5, pp.388-396, 2002 (SCI-Expanded)
- LXXIII. **Autosomal recessive severe intraosseous hemangioma in the skull. A new syndrome?**
Akarsu A. N., Vargel I., Erk Y.
AMERICAN JOURNAL OF HUMAN GENETICS, vol.67, no.4, pp.57, 2000 (SCI-Expanded)
- LXXIV. **Subcutaneous emphysema of hand and forearm after high-pressure injection of air during scuba diving**
Canter H., Vargel I., Gucer T.
ANNALS OF PLASTIC SURGERY, vol.45, no.3, pp.337-338, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Case of Nasal Glial Heterotopia That Can Be Misdiagnosed as Storiform Patterned Sclerotic Fibroma/Collagenoma**
GÜNDOĞDU F., ATEŞ ÖZDEMİR D., VARGEL İ.
TURKISH JOURNAL OF PATHOLOGY, vol.40, no.2, pp.134-137, 2024 (ESCI)
- II. **The evaluation of telomere length and telomerase activity measurement in Neurofibromatosis type 1 NF1 tumors**
SHARAFI P., KILIÇ Z., ANLAR B., VARAN A., ERSOY EVANS S., VARGEL İ., YILDIRIM Ö., AYTER Ş.
Türk Hijyen ve Deneysel Biyoloji Dergisi, vol.80, no.3, pp.365-372, 2023 (Scopus)
- III. **Surgical method for critical sized cranial defects in rat cranium**
ODABAŞ S., DERKUŞ B., VARGEL İ., Vural A. C.
MethodsX, vol.10, 2023 (ESCI)
- IV. **A malignant melanoma case with melanosis syndrome**
Güler N., VARGEL İ.
THOD - Turk Hematoloji-Onkoloji Dergisi, vol.12, no.3, pp.162-165, 2002 (Scopus)

Books & Book Chapters

- I. **Stromal vasküler fraksiyon.**
KÖPRÜ Ç. Z., KORKUSUZ P., VARGEL İ., KORKUSUZ F.
in: Temel Bilimler ve Araştırma Kitabı, Feza Korkusuz, Editor, Pelin Ofset, 2016
- II. **Stromal Vasküler Fraksiyon**
KÖPRÜ Ç. Z., KORKUSUZ P., VARGEL İ., KORKUSUZ F.

Refereed Congress / Symposium Publications in Proceedings

- I. **Kulak Arteriovenöz Vasküler Malformasyonlarına Multidisipliner Yaklaşım**
GÜNEŞ H., ÜSTÜN G. G., ELDEM F. G., PEYNİRCİOĞLU B., VARGEL İ.
Türk Plastik Rekonstrüktif ve Estetik Cerrahi Derneği 43. Ulusal Kurultayı, Antalya, Turkey, 10 - 14 November 2021
- II. **Malign Melanomda Sentinel Lenf Nodunun Boyutu ve Malignitesi Arasındaki İlişkinin İncelenmesi**
AÇIL M. F., EREK N., GÖKÖZ Ö., ÜSTÜN G. G., ÇALIŞ M., UZUN H., VARGEL İ., ÖZGÜR F. F.
Türk Plastik Rekonstrüktif ve Estetik Cerrahi Derneği 43. Ulusal Kurultayı, Antalya, Turkey, 10 - 14 November 2021
- III. **Malign melanomda sentinel lenf nodunun boyutu ve malignitesi arasındaki ilişkinin incelenmesi.**
AÇIL M. F., EREK N., GÖKÖZ Ö., ÜSTÜN G. G., ÇALIŞ M., UZUN H., VARGEL İ., ÖZGÜR F. F.
Türk Plastik, Rekonstrüktif ve Estetik Cerrahi Derneği 43. Ulusal Kurultayı, Turkey, 10 November 2021
- IV. **Sıradışı dermatoskopik özellikler gösteren 'Hibrit Tümör' spiradenosilindrom vakası**
BOSTAN E., BOYNUYOĞUN E., GÖKÖZ Ö., VARGEL İ.
VII.DOD Dermatoloji Gündemi, 2 - 05 September 2021
- V. **COMBINED EFFECT OF POLY (GLY CEROL-SEBACAT) / TRICALCIUM PHOSPHATE SCAFFOLDNON BONE HEALING IN RAT ALVEOLAR DEFECT MODEL**
AKYÜZ T., ÇAM S. B., KORKUSUZ P., AYDIN H. M., OCAK M., KÜÇÜKGÜVEN A., VARGEL İ.
EORS 2020, Turkey, 17 September 2020
- VI. **The clinical experiences with intraosseous vascular malformations related with ELMO2 mutations**
VARGEL İ., ÇALIŞ M., CANTER H. İ., AKARSU A. N.
EURAPS 28. ANNUAL MEETING, Italy, 25 - 27 May 2017
- VII. **The clinical experiences with intraosseous vascular malformations related with ELMO2 mutations**
VARGEL İ., ÇALIŞ M., CANTER H. İ., AKARSU A. N.
EURAPS 28.ANNUAL MEETING, 25 - 27 May 2017
- VIII. **Determination of properties of bone marrow and tissue-derived mesenchymal stromal/stem cell population in neurofibromatosis type 1 patients**
Soycan I. A., KARAOSMANOĞLU B., Cetinkaya D. U., Ayter S., Taskiran E., ÇETİN M., VARGEL İ., KUŞKONMAZ B. B., Evans S., VARAN A., et al.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.271-272
- IX. **Collagen b TCP Scaffold for Bone Regeneration in Critical Size Bone Defects**
SARIKAYA B., AYDIN H. M., Hosseinian P., Aslan B., BİLGİÇ E., KORKUSUZ P., VARGEL İ.
21th International Biomedical Science and Technology Symposium, 22 - 24 October 2016
- X. **Animal models mimicking maxillofacial disorders**
UZUN H., VARGEL İ.
4th Nanomedicine World Congress and 2nd International NanoBioTechnology Symposium (NANOMED 2015 and NANOBIOTECH 2015), Muğla, Turkey, 8 - 12 September 2015
- XI. **Effects of Dehydrothermal Treatment of Collagen beta TCP Scaffold on Bone Regeneration in Critical Size Bone Defects**
SARIKAYA B., Pezhman H., Aslan B., Elif B., Utku O., KORKUSUZ P., VARGEL İ., AYDIN H. M.
4th TERMIS WORLD CONGRESS, 8 - 11 September 2015
- XII. **Effects of Dehydrothermal Treatment of Collagen/beta-TCP Scaffold on Bone Regeneration in Critical Size Bone Defects**
SARIKAYA B., HOSSEINIAN P., ASLAN B., BİLGİÇ E., OZCAN I. U., KORKUSUZ P., VARGEL İ., AYDIN H.
4th TERMIS World Congress, Massachusetts, United States Of America, 8 - 11 September 2015, vol.21
- XIII. **Mesenchymal Stem Cells and Tissue Engineering Scaffolds in Cranial Bone Defects**
KORKUSUZ P., VARGEL İ., AYDIN H. M., BÖLGEN N., EĞRİ S., İŞOĞLU İ. A., UÇKAN D., ÇAVUŞOĞLU T., GÜZEL E., KILIÇ E., et al.

- 16th International Biomedical Science and Technology Symposium, 29 September - 02 October 2010
- XIV. **Investigation of Polymer Mesenchymal Stem Cell Constructs for Cranial Defects**
AYDIN H. M., KORKUSUZ P., VARGEL İ., KILIÇ E., GÜZEL E., ÇAVUŞOĞLU T., UÇGAN D., PİŞKİN E.
16th International Biomedical Science and Technology Symposium, 29 September - 02 October 2010
- XV. **Investigation of Tissue Engineering Scaffolds Stem Cells in Cranial Defects**
AYDIN H. M., GÜZEL E., KORKUSUZ P., UÇGAN D., KILIÇ E., VARGEL İ., ÇAVUŞOĞLU T., PİŞKİN E.
TERMIS EU 2010 Tissue Engineering and Regenerative Medicine Galway, 13 - 17 June 2010
- XVI. **Polimer Mezenkimal Kök Hücre Kompozitlerinin Kranial Defektlerde Uygulanması Altı Aylık in vivo İzlem**
AYDIN H. M., KORKUSUZ P., GÜZEL E., UÇKAN D., KILIÇ E., VARGEL İ., ÇAVUŞOĞLU T., PİŞKİN E.
19. Ulusal Elektron Mikroskopi Kongresi, Turkey, 22 - 25 June 2009
- XVII. **Filling Cranial Defects in Rats 6 Months Animal Study**
AYDIN H. M., VARGEL İ., ÇAVUŞOĞLU T., KORKUSUZ P., GÜZEL E., PİŞKİN E.
TERMIS EU 2008 Porto Meeting, 22 - 26 June 2008
- XVIII. **Yeni biyobozunur kriyojel doku iskelelerine yumuşak ve sert doku yanıtlarının in vivo değerlendirilmesi**
NİMET B., VARGEL İ., KORKUSUZ P., GÜZEL MEYDANLI E. E.
Uluslararası Katılımlı IX. Ulusal Histoloji ve Embriyoloji Kongresi, Turkey, 20 - 23 May 2008
- XIX. **Denerve dokulardaki yara iyileşmesine calcitonin gene related peptide CGRP in etkisi**
GÜZEL MEYDANLI E. E., KORKUSUZ P., VARGEL İ.
Uluslararası Katılımlı IX. Ulusal Histoloji ve Embriyoloji Kongresi, Turkey, 20 - 23 May 2008
- XX. **Manyetik sıvı kullanılarak yapılan odaklanmış radyo dalga ablasyon sistemi**
GÜZEL MEYDANLI E. E., KORKUSUZ P., VARGEL İ., ARAT A., ATALAR E.
Uluslararası Katılımlı IX. Ulusal Histoloji ve Embriyoloji Kongresi, Turkey, 20 - 23 May 2008
- XXI. **Synthesis and characterization of biodegradable cryogels for tissue engineering applications**
VARGEL İ., KORKUSUZ P.
. Seventh International Conference Advanced Polymers via Macromolecular Engineering, 15 - 20 December 2007
- XXII. **Simvastatin releasing novel PCL scaffolds in rat cranium defects**
Piskin E., Isoglu A., Bolgen N., Griffiths S., Vargel I., Cavusoglu T., Korkusuz P., Guzel E., Cartmell S.
Conference of the Tissue-Engineering-and-Regenerative-Medicine-International-Society (TERMIS-EU), London, Canada, 4 - 07 September 2007, vol.13, pp.1756
- XXIII. **Novel magnetic fluid hyperthermia system leading to the focused heating of tumors**
VARGEL İ., ARAT A., GÜZEL MEYDANLI E. E., KORKUSUZ P., ATALAR E.
World Conference on Interventional Oncology, 14 - 17 May 2007
- XXIV. **Biodegradable Polymers and Novel Scaffolds for Tissue Engineering Experience of Hacettepe University Group**
PİŞKİN E., BÖLGEN N., VARGEL İ., KORKUSUZ P., AYDIN H. M., EĞRİ S., TUZLAKOĞLU K., İŞOĞLU İ. A., KAITİAN X., KESENCİ K., et al.
Plastic Reconstructive and Aesthetic Surgery Stem Cell and Tissue Engineering Symposium, 10 - 12 May 2007

Supported Projects

VARGEL İ., Akyüz T., KÜÇÜKGÜVEN A., AYDIN H. M., Project Supported by Higher Education Institutions, Sıçanda alveolar defekt modelinde çift katmanlı poligliserolsebakatTCP biyomalzemesinin kemik iyileşmesindeki etkisinin araştırılması, 2019 - 2020

VARGEL İ., Project Supported by Higher Education Institutions, ELMO2 mutasyonlu Kemik İçi vasküler malformasyon olgularında Klinik Deneyim, 2017 - 2019

VARGEL İ., GÜLER S., AYDIN H. M., TEVLEK A., ASLAN B., Project Supported by Higher Education Institutions, Biyopolimerik Sentetik ve Doğal Kaynaklı Korneal Yapıların Karşılaştırılması, 2017 - 2018

Çetinkaya F. D., Çelebi Saltık B., Vargel İ., Okur F. V., Korkusuz P., Özcan A., TUBITAK Project, Hacettepe Üniversitesi Ar Ge

Strateji Belgesi Rejeneratif ve Restoratif Tıp, 2016 - 2017

VARGEL İ., Project Supported by Higher Education Institutions, Damak yarıklarının in situ doku mühendisliği ile onarımı:Alveolar yarık hayvan modeli oluşturulması ve farklı rejimlerde biyobozunur doku iskeleleri ile onarımı, 2014 - 2016

Metrics

Publication: 104

Citation (WoS): 964

Citation (Scopus): 506

H-Index (WoS): 15

H-Index (Scopus): 11

Non Academic Experience

Pittsburg University Department of Plastic Reconstructive and Esthetic Surgery and Tissue Engineering Center

International Facial Fellowship Program of the Dutch Association for Facial Plastic and Reconstructive Surgery

Michigan University Institute of Plastic and Reconstructive Surgery

ETİMESGUT BÖLGE HASTANESİ

HAYMANA DEVLET HASTANESİ

HACETTEPE ÜNİ. TIP FAKÜLTESİ ERİŞKİN HASTANESİ

SİVAS TIP FAK. HASTANESİ

MİLLİ EĞİTİM BAKANLIĞI ORTA ÖĞRETİM KURUMLARI