Arş.Gör.Dr. SEMİH ÇALAMAK

Kişisel Bilgiler

İş Telefonu: +90 312 305 4018
E-posta: semihcalamak@hacettepe.edu.tr
Web: https://avesis.hacettepe.edu.tr/semihcalamak

Uluslararası Araştırmacı ID'leri
ORCID: 0000-0002-0989-6400
Yoksis Araştırmacı ID: 55229

Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp, Türkiye 2012 - 2018
Doktora, Stanford University, School Of Medicine, Radiology Department, Canary Center At Stanford For Cancer Early Detection, Amerika Birleşik Devletleri 2014 - 2015
Yüksek Lisans, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp, Türkiye 2010 - 2012
Lisans, Gazi Üniversitesi, Fen Edebiyat Fakültesi, Kimya, Türkiye 2007 - 2010
Lisans, Gazi Üniversitesi, Fen Edebiyat Fakültesi, Biyoloji, Türkiye 2006 - 2010

Yabancı Diller

İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Prostat kanseri biyobelirteçlerinin tayini için nanoplazmonik platformların hassasiyetinin arttırılması, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp, 2018
Yüksek Lisans, Yara örtüsü olarak ipek bazlı antibakteriyel biyonanotekstillerin üretimi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp Anabilim Dalı (Disiplinlerarası), 2012

Araştırma Alanları

Yaşam Bilimleri, Biyokimya, Biyomoleküller, Temel Bilimler

Akademik Unvanlar / Görevler

Araştırma Görevlisi Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2012 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **In situ silver nanoparticle synthesis on 3D-printed polylactic acid scaffolds for biomedical**

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II. **Design of circulating microfluidic bioreactor for circulating tumor cells research and shear stress effects on breast cancer (MDA-MB-231) cell viability**
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III. **Development of besifloxacin HCl loaded nanofibrous ocular inserts for the treatment of bacterial keratitis: In vitro, ex vivo and in vivo evaluation**
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IV. **Liposome-based combination therapy for acne treatment**
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V. **A Circulating Bioreactor Reprograms Cancer Cells Toward a More Mesenchymal Niche**
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VI. **Polyethylenimine-mediated gold nanoparticle arrays with tunable electric field enhancement for plasmonic applications**
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VIII. **Gold nano-decorated aligned polyurethane nanofibers for enhancement of neurite outgrowth and elongation**
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IX. **Curcumin-loaded electrospun PHBV nanofibers as potential wound-dressing material**
MUTLU G., ÇALAMAK S., ULUBAYRAM K., GÜVEN E.
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X. **Hydrogels as a New Platform to Recapitulate the Tumor Microenvironment**
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XIV. **Immobilization of heparin on chitosan-grafted polyurethane films to enhance anti-adhesive and antibacterial properties**
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XV. **Preparation and in vitro/in vivo evaluation of cyclosporin A-loaded nanodecorated ocular implants for subconjunctival application**
PEHLIVAN S., Yavuz B., ÇALAMAK S., ULUBAYRAM K., KAFFASHI A., VURAL İ., Cakmak H. B., DURGUN M. E., DENKBAŞ E. B., UNLU N.
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XVI. **Bioprinted Microfluidic 3 D Cancer Microenvironments for Detection of Histone Modification and Cell Migration**
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Inci F., Filippini C., Baday M., Ozen M. O., Calamak S., Durmus N. G., Wang S., Hanhauser E., Hobbs K. S., Juillard F., et al.
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XX. **Silver nanoparticle containing silk fibroin bionanotextiles**
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XXI. **Nanofibers Based Antibacterial Drug Design, Delivery and Applications**
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Kitap & Kitap Bölümleri

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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. **Development of Besifloxacin HCl Loaded Insert Formulations for the Treatment of Bacterial Keratitis**
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III. **DETECTION OF PROSTATE CANCER BIOMARKERS VIA IN-SITU GOLD NANOPARTICLE GROWTH ON LSPR SURFACES**
ÇALAMAK S., ULUBAYRAM K.
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IV. **Silk Fibroin Based Antibacterial Bionanotextiles**
ÇALAMAK S., ULUBAYRAM K.
22. International Biomedical Sciences and Technologies Symposium (BIOMED), 12 - 14 Mayıs 2017

V. **Development of Electrospun Nanofiber-Based Implants Coated with Different Polymers for Topical Ocular Therapy**
POLAT H. K., ÇALAMAK S., AYTEKİN E., PEHLİVAN S., ULUBAYRAM K., ÇALIŞ S.
The 22nd Biomedical Science and Technology Symposium, 12 - 14 Mayıs 2017

VI. **In vivo evaluation of cyclosporin a loaded nano-decorated subconjunctival implants**
YAVUZ B., PEHLİVAN S., KAFFASİ A., ÇALAMAK S., ULUBAYRAM K., PALASKA E., ÜNLÜ N.
22. International Biomedical Sciences and Technologies Symposium (BIOMED), 12 - 15 Mayıs 2017

VII. **Polyelectrolyte Microstructured Scafolds Modified with Hyaluronic Acid**
MANAP G., YAĞCI B. S., ÇALAMAK S., AKSOY E. A., ULUBAYRAM K.
22nd International Biomedical Science and Technology Symposium, 12 - 14 Mayıs 2017

VIII. **Strontium and Zinc Decorated Polysaccaride Composite Gel Fibers**
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X. **Monitoring drug responses of blood cells using cellphone based magnetic levitation system**
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XII. **Enhancement of Neuronal Outgrowth By Gold Nanoparticles Decorated Polyurethane Nanofiber Scaffolds**
DEMİR Ü. S., SHAHBAZI R., ÇALAMAK S., ÖZTÜRK Ş., ULUBAYRAM K.
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XIII. **Genomic Analysis of Flow Induced EMT in Colorectal Cancer Cells**
ÇALIBAŞI G., GÜVEN S., DURMUŞ N. G., ÇALAMAK S., CHEN P., BASKIN Y., DEMİRCİ U.
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XIV. **A rapid quantitative device for monitoring oncogenic viral load and circulating tumorcells in a multiplexed manner**
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Desteklenen Projeler

EROĞLU İ., ULUBAYRAM K., AKSOY E. A., GÜLTEKİNOĞLU BAYRAM M., ÇALAMAK S., Yükseköğretim Kurumları Destekli

Proje, Kombine Etkili Nanolipozomların Geliştirilmesi, 2017 - 2018

Bilimsel Hakemlikler

Materials Science and Engineering C, SCI Kapsamındaki Dergi, Mart 2016

Metrikler

Yayın: 40
Atıf (WoS): 565
Atıf (Scopus): 670
H-İndeks (WoS): 14
H-İndeks (Scopus): 14