

Prof. Dr. EREM BİLENZOY

Kişisel Bilgiler

İş Telefonu: [+90 312 305 4369](tel:+903123054369)

E-posta: eremino@hacettepe.edu.tr

Web: <https://www.erembilensoy.com>

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0003-3911-6388

ScopusID: 13105248100

Yoksis Araştırmacı ID: 51267

Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Türkiye 1995 - 2002

Doktora, Université Paris XI, Eczacılık Fakültesi, Farmasötik Teknoloji, Fransa 1995 - 2002

Yüksek Lisans, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, Türkiye 1992 - 1995

Yabancı Diller

İngilizce, C1 İleri

Fransızca, B2 Orta Üstü

Flemenkçe, A2 Temel

Araştırma Alanları

Eczacılık, Eczacılık Teknolojisi, Farmasötik Teknoloji, Sağlık Bilimleri

Akademik Unvanlar / Görevler

Prof. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2013 - Devam Ediyor

Akademik İdari Deneyim

Anabilim/Bilim Dalı Başkanı, Hacettepe Üniversitesi, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2022 - Devam Ediyor

Hacettepe Üniversitesi, Eczacılık Fakültesi, 2010 - 2013

Yönetilen Tezler

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ÇALIŞ S., BİLENZOY E., Kamptotesin içeren polimerik ve oligosakkarit bazlı nanopartiküler formülasyonlarının geliştirilmesi ve in vitro-in vivo değerlendirme, Doktora, Y.ÇIRPANLI(Öğrenci), 2009
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SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

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- II. **Optimization and characterization of Rituximab targeted multidrug loaded cyclodextrin nanoparticles against Non-Hodgkin Lymphoma**
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- III. **Cyclodextrin polymers containing ionizable and ionic groups: A comprehensive review from classifications and synthesis methods to applications**
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- IV. **Open forum conference on the ICH M13A bioequivalence guideline**
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- V. **Oral docetaxel delivery with cationic polymeric core-shell nanocapsules: In vitro and in vivo evaluation**
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- VI. **Is there a niche for zinc oxide nanoparticles in future drug discovery?**
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- VII. **Insight into oral amphiphilic cyclodextrin nanoparticles for colorectal cancer: comprehensive mathematical model of drug release kinetic studies and antitumoral efficacy in 3D spheroid colon tumors**
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- VIII. **Pharmacometabolomic assessment of vitamin E loaded human serum albumin nanoparticles on HepG2 cancer cell lines**
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- IX. Nanocarriers targeting the diseases of the pancreas
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- X. Q-tof lc/ms-based untargeted metabolomics approach to evaluate the effect of folate-conjugated cyclodextrins on triple-negative breast cancer cells
Varol I., KAPLAN O., Erdođar N., Öncül S., Nielsen T. T., ERCAN A., BİLENZOY E., ÇELEBİER M.
Current Pharmaceutical Analysis, cilt.17, sa.10, ss.1272-1281, 2021 (SCI-Expanded)
- XI. Therapeutic efficacy and gastrointestinal biodistribution of polycationic nanoparticles for oral camptothecin delivery in early and late-stage colorectal tumor-bearing animal model
Unal S., ÖZTÜRK S. C., BİLGİC E., Yanik H., KORKUSUZ P., AKTAŞ Y., Benito J. M., ESENDAĞLI G., BİLENZOY E.
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- XII. A Review on Cancer Immunotherapy and Applications of Nanotechnology to Chemoimmunotherapy of Different Cancers
Akkin S., VARAN G., BİLENZOY E.
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- XIII. Development of oral aprepitant-loaded chitosan-polyethylene glycol-coated cyclodextrin nanocapsules: formulation, characterization, and pharmacokinetic evaluation
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- XIV. Polycationic cyclodextrin nanoparticles induce apoptosis and affect antitumoral activity in HepG2 cell line: An evaluation at the molecular level
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- XV. Erlotinib entrapped in cholesterol-depleting cyclodextrin nanoparticles shows improved antitumoral efficacy in 3D spheroid tumors of the lung and the liver
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- XVI. Determination and validation of aprepitant in rat plasma using LC-MS/MS.
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- XVII. Therapeutic efficacy and biodistribution of paclitaxel-bound amphiphilic cyclodextrin nanoparticles: Analyses in 3D tumor culture and tumor-bearing animals in vivo
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- XVIII. ACPA decreases non-small cell lung cancer line growth through Akt/PI3K and JNK pathways in vitro.
Boyacioglu O., BİLGİC E., VARAN C., BİLENZOY E., NEMUTLU E., GÜLMEZ SEVİM D., Kocafe C., KORKUSUZ P.
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- XIX. Erlotinib complexation with randomly methylated beta-cyclodextrin improves drug solubility, intestinal permeability, and therapeutic efficacy in non-small cell lung cancer
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- XX. Preparation and characterization of cyclodextrin nanosponges for organic toxic molecule removal
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- XXI. Cyclodextrin nanoparticle bound oral camptothecin for colorectal cancer: Formulation development and optimization
ÜNAL S., AKTAŞ Y., Benito J. M., BİLENZOY E.
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- XXII. Improved oral bioavailability of anticancer drug tamoxifen through complexation with water soluble cyclodextrins: in vitro and in vivo evaluation

- Erdogar N., NEMUTLU E., İSKİT A. B., KARA Ş. A., Teksin Z. Ş., BİLENZOY E.
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- XXIII. **Mechanical characterization and ex vivo evaluation of anticancer and antiviral drug printed bioadhesive film for the treatment of cervical cancer**
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- XXIV. **Plant-Based Natural Polymeric Nanoparticles as Promising Carriers for Anticancer Therapeutics**
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- XXV. **Cyclodextrin-Based Nanosystems: Current Status and Future Prospects**
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- XXVI. **Global omics strategies to investigate the effect of cyclodextrin nanoparticles on MCF-7 breast cancer cells**
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- XXVII. **Cellular interaction and tumoral penetration properties of cyclodextrin nanoparticles on 3D breast tumor model**
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- XXVIII. **Therapeutic efficacy of folate receptor-targeted amphiphilic cyclodextrin nanoparticles as a novel vehicle for paclitaxel delivery in breast cancer**
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- XXXII. **Amphiphilic cyclodextrin nanoparticles**
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BEILSTEIN JOURNAL OF NANOTECHNOLOGY, cilt.8, ss.1446-1456, 2017 (SCI-Expanded)
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- XXXV. **An Improved and Validated HPLC Method for the Determination of Methylprednisolone Sodium Succinate and its Degradation Products in Nanoparticles**

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- XXXVI. **Localized delivery of methylprednisolone sodium succinate with polymeric nanoparticles in experimental injured spinal cord model**
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- XLII. **Formulation development, stability and anticancer efficacy of core-shell cyclodextrin nanocapsules for oral chemotherapy with camptothecin**
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- XLIII. **Core-shell hybrid nanocapsules for oral delivery of camptothecin: formulation development, in vitro and in vivo evaluation**
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- XLIV. **Amphiphilic Cyclodextrin Nanoparticles for Effective and Safe Delivery of Anticancer Drugs**
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- XLV. **Cationic polymer nanoparticles for drug and gene delivery**
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- XLVI. **Binary, ternary and microencapsulated celecoxib complexes with beta-cyclodextrin formulated via hydrophilic polymers**
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- XLIX. **Wound healing activity of the Bellis perennis L. (common daisy)**
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- LII. **Rapamycin-cyclodextrin complexation: Improved solubility and dissolution rate**
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- LIII. **Preface**
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- LIV. **Antitumoral activity of camptothecin-loaded nanoparticles in 9L rat glioma model**
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- LVI. **Comparative evaluation of in vitro parameters of tamoxifen citrate loaded poly(lactide-co-glycolide), poly(ϵ -caprolactone) and chitosan nanoparticles**
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- LVII. **An alternative cyclodextrin based formulation for oral anticancer drug exemestane: In vitro and cell culture studies.**
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- LVIII. **Preparation and characterization of cationic nanoparticles loaded with Mitomycin C by double emulsion and ionotropic gelation techniques.**
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- LX. **Cationic nanoparticles for cancer therapy**
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- LXI. **Development of polymeric and cyclodextrin nanoparticles for camptothecin delivery.**
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- LXII. **Recent advances and future directions in amphiphilic cyclodextrin nanoparticles**
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- LXXVIII. **Tamoxifен citrate loaded amphiphilic β-cyclodextrin nanoparticles: In vitro characterization and cytotoxicity**
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Diger Dergilerde Yayınlanan Makaleler

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- II. **The effect of Quercus coccifera L. Extract on the Necrosis of Random-pattern Skin Flaps in Rats**
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