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Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp A.B.D., Türkiye 2013 - 2018

Yüksek Lisans, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Nanoteknoloji Ve Nanotıp A.B.D., Türkiye 2010 - 2013

Lisans, Hacettepe Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Türkiye 2005 - 2010

Araştırma Alanları

Sağlık Bilimleri

Akademik Unvanlar / Görevler

Dr.Öğr.Üyesi, Hacettepe Üniversitesi, Aşı Enstitüsü, 2021 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A different approach to immunochemotherapy for colon Cancer: Development of nanoplexes of cyclodextrins and Interleukin-2 loaded with 5-FU**
Akkin S., VARAN G., AKSÜT D., Malanga M., ERCAN A., ŞEN M., BİLENSOY E.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, cilt.623, 2022 (SCI İndekslerine Giren Dergi)
- II. **A Review on Cancer Immunotherapy and Applications of Nanotechnology to Chemoimmunotherapy of Different Cancers**
Akkin S., VARAN G., BİLENSOY E.
MOLECULES, cilt.26, sa.11, 2021 (SCI İndekslerine Giren Dergi)
- III. **Polycationic cyclodextrin nanoparticles induce apoptosis and affect antitumoral activity in HepG2 cell line: An evaluation at the molecular level**
ERCAN A., ÇELEBİER M., ÖNCÜL S., VARAN G., KOÇAK E., Benito J. M. , BİLENSOY E.
International Journal of Pharmaceutics, cilt.598, 2021 (SCI İndekslerine Giren Dergi)
- IV. **Therapeutic efficacy and biodistribution of paclitaxel-bound amphiphilic cyclodextrin nanoparticles: Analyses in 3D tumor culture and tumor-bearing animals in vivo**
Varan G., VARAN C., ÖZTÜRK S. C. , Benito J. M. , ESENDAĞLI G., BİLENSOY E.
Nanomaterials, cilt.11, sa.2, ss.1-18, 2021 (SCI İndekslerine Giren Dergi)
- V. **Erlotinib complexation with randomly methylated beta-cyclodextrin improves drug solubility, intestinal permeability, and therapeutic efficacy in non-small cell lung cancer**
Erdogar N., Akkin S., VARAN G., BİLENSOY E.

PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, cilt.26, ss.797-806, 2021 (SCI İndekslerine Giren Dergi)

- VI. **Erlotinib entrapped in cholesterol-depleting cyclodextrin nanoparticles shows improved antitumoral efficacy in 3D spheroid tumors of the lung and the liver**
Varan G., Demirturk N., Benito J. M. , BİLENSOY E.
Journal of Drug Targeting, 2020 (SCI Expanded İndekslerine Giren Dergi)
- VII. **Plant-Based Natural Polymeric Nanoparticles as Promising Carriers for Anticancer Therapeutics**
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POLYMERIC NANOPARTICLES AS A PROMISING TOOL FOR ANTI-CANCER THERAPEUTICS, ss.293-318, 2019 (SCI İndekslerine Giren Dergi)
- VIII. **Cyclodextrin-Based Nanosystems: Current Status and Future Prospects**
VARAN C., Varan G., Erdogar N., BİLENSOY E.
DRUG DELIVERY NANOSYSTEMS: FROM BIOINSPIRATION AND BIOMIMETICS TO CLINICAL APPLICATIONS, ss.29-58, 2019 (SCI İndekslerine Giren Dergi)
- IX. **Global omics strategies to investigate the effect of cyclodextrin nanoparticles on MCF-7 breast cancer cells**
ERCAN A., ÇELEBİER M., VARAN G., ÖNCÜL S., Nenni M., KAPLAN O., BİLENSOY E.
European Journal of Pharmaceutical Sciences, cilt.123, ss.377-386, 2018 (SCI Expanded İndekslerine Giren Dergi)
- X. **Cellular interaction and tumoral penetration properties of cyclodextrin nanoparticles on 3D breast tumor model**
Varan G., Patrulea V., Borchard G., BİLENSOY E.
Nanomaterials, cilt.8, sa.2, 2018 (SCI Expanded İndekslerine Giren Dergi)
- XI. **Cyclodextrin-based polymeric nanosystems**
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- XII. **Amphiphilic cyclodextrin nanoparticles**
VARAN G., VARAN C., ERDOĞAR N., Hincal A. A. , BİLENSOY E.
International Journal of Pharmaceutics, cilt.531, sa.2, ss.457-469, 2017 (SCI Expanded İndekslerine Giren Dergi)
- XIII. **Development of polycationic amphiphilic cyclodextrin nanoparticles for anticancer drug delivery**
Varan G., Benito J. M. , Mellet C. O. , BİLENSOY E.
Beilstein Journal of Nanotechnology, cilt.8, sa.1, ss.1457-1468, 2017 (SCI Expanded İndekslerine Giren Dergi)
- XIV. **Amphiphilic cyclodextrin derivatives for targeted drug delivery to tumors**
ERDOĞAR N., VARAN G., BİLENSOY E.
Current Topics in Medicinal Chemistry, cilt.17, sa.13, ss.1521-1528, 2017 (SCI Expanded İndekslerine Giren Dergi)
- XV. **Cholesterol-Targeted Anticancer and Apoptotic Effects of Anionic and Polycationic Amphiphilic Cyclodextrin Nanoparticles**
VARAN G., ÖNCÜL S., ERCAN A., BENITO J. M. , MELLET C. O. , BİLENSOY E.
Journal of Pharmaceutical Sciences, cilt.105, sa.10, ss.3172-3182, 2016 (SCI Expanded İndekslerine Giren Dergi)
- XVI. **Cationic polymer nanoparticles for drug and gene delivery**
BİLENSOY E., Işık G., VARAN C.
RSC Polymer Chemistry Series, sa.13, ss.268-295, 2015 (SCI Expanded İndekslerine Giren Dergi)

Kitap & Kitap Bölümleri

- I. **Biodistribution of polymeric, polysaccharide and metallic nanoparticles**
Erdođdu N., Varan G., Varan C., Bilensoy E.
Characterization of Pharmaceutical Nano- and Microsystems, Peltonen Leena, Douroumis Dennis, Fahr Alfred, Siepmann Jurgen, Snowden Martin J., Editör, John Wiley & Sons, West Sussex, UK , Cambridge, ss.275-290, 2020
- II. **Cyclodextrin Based Nano-Systems: Current Status and Future Prospects**

VARAN C., VARAN G., ERDOĞAR N., BİLENSOY E.

Drug Delivery Nanosystems: From Bioinspiration and Biomimetics to Clinical Applications, Pippa Natassa, Demetzos Costas, Pispas Stergios, Editör, Pan Stanford, ss.29-49, 2019

III. Plant based natural polymer (Guar gum, pectin, starch, cellulose, cyclodextrins) nanoparticles as promising tool for anticancer therapeutics

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Polymeric Nanoparticles as a Promising Tool for Anti-cancer Therapeutics, Prashant Kesharwani, Kishore M. Paknikar, Virendra Gajbhiye, Editör, Academic Press, 2019

IV. Cyclodextrin-based polymeric nanosystems

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Drug Targeting and Stimuli Sensitive Drug Delivery Systems, Alina M. Holban, Editör, William Andrew, ss.715-748, 2018

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. Development and Characterization of Erlotinib-Randomly Methylated- β -cyclodextrin Complex for the Treatment of Non-small Lung Cancer**
ERDOĞDU N., Akkın S., VARAN G., BİLENSOY E.
13th International symposium of Pharmaceutical Science, Ankara, Türkiye, 22 - 25 Haziran 2021
- II. A Metabolomic Study to Investigate the Effect of Folate Conjugated Nanoparticles on Triple Negative Breast Cancer Cells**
ERCAN A., ÇELEBİER M., varol ı., KAPLAN O., Varan G., ÖNCÜL S., KOÇAK E., BİLENSOY E.
EUFEPS Annual Meeting 2019 PERSONALIZED MEDICINES,TARGETED THERAPIES,PRECISION DRUG DELIVERY, 6 - 08 Mart 2019
- III. The effect of polycationic amphiphilic cyclodextrin nanoparticles on mda-mb cancer cells: A metabolomic approach to understand the mechanism**
ÇELEBİER M., KAPLAN O., VARAN G., ÖNCÜL S., KOÇAK E., ERCAN A., BİLENSOY E.
12 th International symposium on pharmaceutical sciences, 26 Haziran 2018
- IV. GENOMIC AND METABOLOMIC STUDIES OF POLYCATIONIC AMPHIPHILIC CYCLODEXTRIN NANOPARTICLES ON HEPG2 CELL LINE**
ERCAN A., ÇELEBİER M., Varan G., ÖNCÜL S., KOÇAK E., KAPLAN O., BİLENSOY E.
EUFEPS Annual Meeting 2018 Crossing Barriers for Future Medicines, 24 - 26 Mayıs 2018
- V. Evaluation of Cholesterol-Targeted Amphiphilic Cyclodextrin Nanoparticles for Cancer Therapy**
VARAN G., ÖNCÜL S., ERCAN A., BENİTO J., MELLET C. O. , BİLENSOY E.
Innovation in Medicine Meetings III Congress, 11 - 13 Mayıs 2017

Atıflar

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