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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2018 - Continues

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2016 - 2018

Undergraduate, Yıldız Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics, Turkey 2012 - 2016

Foreign Languages

English, C1 Advanced

Chinese, B1 Intermediate

Dissertations

Postgraduate, Fibroblast hücrelerinden oktadesilamin bazlı katı lipid nanopartikül ile uyarılmış pluripotent kök hücrelerin eldesi, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, 2018

Research Areas

Biotechnology, Biomaterial, Molecular Biology and Genetics, Genetic Engineering

Academic Titles / Tasks

Lecturer, Yıldız Technical University, Rectorate, -, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- Synthesis of novel coumarin-triazole hybrids and first evaluation of the 4-phenyl substituted hybrid loaded PLGA nanoparticles delivery system to the anticancer activity**
ARVAS B., Ucar B., Acar T., Varli H. S., ARVAS M. B., AYDOĞAN F., YOLAÇAN Ç.
Nanotechnology, vol.35, no.30, 2024 (SCI-Expanded)

- II. **The transfection efficiency of newly developed calcium phosphate nanoparticles in reprogramming of fibroblast cells**
Yildirim M. A., Varlı H. S., TÜRKOĞLU N.
Journal of Nanoparticle Research, vol.26, no.7, 2024 (SCI-Expanded)
- III. **Agglomerated serum albumin adsorbed protocatechuic acid coated superparamagnetic iron oxide nanoparticles as a theranostic agent**
Bozoglu S., ARVAS M. B., Varlı H. S., Ucar B., Acar T., Yavuz N.
Nanotechnology, vol.34, no.14, 2023 (SCI-Expanded)
- IV. **EVALUATION AND COMPREHENSIVE COMPARISON OF OCTADECYLAMINE AND STEARAMIDE-BASED SOLID LIPID NANOPARTICLES FOR EFFICIENT GENE DELIVERY**
Kırmızıtaş F. C., Varlı H. S., Türkoğlu N.
Nanoscience and Technology: An International Journal, vol.14, no.1, pp.1-15, 2023 (SCI-Expanded)
- V. **A Cationic Stearamide-based Solid Lipid Nanoparticle For Delivering Yamanaka Factors: Evaluation Of The Transfection Efficiency**
Alkan F., Varlı H. S., Demirbilek M., Kaplan E., Türkoğlu N.
ChemistryOpen, vol.202000244, pp.1-12, 2020 (SCI-Expanded)
- VI. **3-Hydroxyhexanoate Based Polycationic Nanoparticle System For Delivering Reprogramming Factors.**
Varlı H. S., Alkan F., Kırmızıtaş F., Demirbilek M., Türkoğlu L.
Journal of microencapsulation, vol.37, pp.332-340, 2020 (SCI-Expanded)
- VII. **A virus-free vector for the transfection of somatic cells to obtain iPSC**
Varlı H. S., Alkan F., Demirbilek M., Türkoğlu N.
JOURNAL OF NANOPARTICLE RESEARCH, vol.21, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **Effect of Surfactant on controlling the Size of Octadecylamine-based Solid Lipid Nanoparticles and Toxicity**
Kırmızıtaş F. C., Varlı Ma H. S., Demirbilek M., Türkoğlu N.
RESEARCH JOURNAL OF BIOTECHNOLOGY, no.Vol. 18 (7) , pp.131-141, 2023 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **YENİDEN PROGRAMLAMA FAKTÖRLERİNİN AKTARIMI İÇİN GEREKLİ KALSİYUM FOSFAT NANOPARTİKÜLLERİN TASARLANMASI VE KARAKTERİZASYON**
Akkurt Yıldırım M., Varlı Ma H. S., Türkoğlu N.
IYRSC 2023 - 5. Uluslararası Genç Araştırmacılar Öğrenci Kongresi , Antalya, Turkey, 1 - 03 June 2023, pp.308-313
- II. **İnsan Fibroblast Hücrelerinden Uyarılmış Pluripotent Kök Hücrelerin Eldesi**
Varlı Ma H. S., Akkurt Yıldırım M., Türkoğlu N.
IYRSC 2023 - 5. Uluslararası Genç Araştırmacılar Öğrenci Kongresi , Antalya, Turkey, 1 - 03 June 2023, pp.60-65
- III. **Non-Viral Vektör Aracılığıyla Yamanaka Faktörlerinin Taşınımı ve Fibroblast Hücrelerinin Yeniden Programlanması**
Varlı H. S., Türkoğlu N.
6th International Multidisciplinary Studies Congress, Gaziantep, Turkey, 26 - 27 April 2019, pp.143-148
- IV. **PHBHHX Bazlı Nanopartiküllerin Hazırlanması ve Karakterizasyon Çalışmalarının Tamamlanması**
Varlı H. S., Kırmızıtaş F. C., Demirbilek M., TÜRKOĞLU N.
5.Biyomalzeme Günleri, İstanbul, Turkey, 22 October 2018, pp.30
- V. **Fibroblast Hücrelerinden Oktadesilamin Lipid-Bazlı Non-Viral Taşıyıcı Kullanılarak Uyarılmış Pluripotent Kök Hücrelerin Elde Edilmesi**

Varlı H. S., Türkođlu N.

3.Yaşam Bilimleri Kongresi, Kayseri, Turkey, 23 February 2018, pp.26

Supported Projects

TÜRKOĐLU N., BOZKURT H. S., AKKAYA E., BOZKURT K., KANTÜRK FİGEN A., COŞKUNER FİLİZ B., VARLI H. S., SEL S.,
Project Supported by Higher Education Institutions, PROBİYOTİK İÇEREN NANOYAPILARIN GELİŐTİRİLMESİ VE
UYGULAMA ALANLARININ ARAŐTIRILMASI, 2021 - 2023

TÜRKOĐLU N., VARLI H. S., DEMİRBİLEK M., Project Supported by Higher Education Institutions, Katı lipid taşıyıcı
kullanarak insan fibroblast hücrelerinin yeniden programlanmasının deđerlendirilmesi, 2021 - 2023

Metrics

Publication: 13

Citation (WoS): 2

Citation (Scopus): 2

H-Index (WoS): 1

H-Index (Scopus): 1

Scholarships

100/2000 Doktor Bursu, YOK, 2018 - 2019