

Prof.Dr. UFUK GÜNDÜZ

Kişisel Bilgiler

E-posta: ufukg@metu.edu.tr

Web: <https://avesis.metu.edu.tr/ufukg>

Biyografi

Prof. Dr. Ufuk Gündüz works as a professor (retired, 2018) of Molecular Biology and Genetics in Middle East Technical University, Biological Sciences Department. Her research subjects are Cancer molecular biology, drug resistance, anti-cancer drug targeting by using polymeric nanoparticles.

Another line of research of Dr. Gündüz is related to Biohydrogen production by photosynthetic bacteria. Dr. Gündüz' s scientific publications are cited more than 4700 times in international journals.

Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Biyolojik Bilimler Bölümü, Türkiye 1975 - 1980

Yüksek Lisans, Iowa State University, Amerika Birleşik Devletleri 1973 - 1975

Lisans, Iowa State University, Kimya Mühendisliği, Amerika Birleşik Devletleri 1968 - 1970

Yaptığı Tezler

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Yüksek Lisans, The properties of xylanase from Aspergillus niger, Iowa State University, 1975

Araştırma Alanları

Sağlık Bilimleri, Temel Bilimler

Akademik Unvanlar / Görevler

Prof.Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, 1990 - Devam Ediyor

Akademik İdari Deneyim

Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, 1996 - 2002

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I. Investigation of the Therapeutic Effects of Palbociclib Conjugated Magnetic Nanoparticles on Different Types of Breast Cancer Cell Lines

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- IV. **Topical delivery of heparin from PLGA nanoparticles entrapped in nanofibers of sericin/gelatin scaffolds for wound healing**
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- V. **15-LOX-1 has diverse roles in the resensitization of resistant cancer cell lines to doxorubicin**
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- IX. **Magnetic Fe₃O₄-chitosan micro- and nanoparticles for wastewater treatment**
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- X. **Long-term stable hydrogen production from acetate using immobilized Rhodobacter capsulatus in a panel photobioreactor**
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