

Res. Asst. ALEYNA NALÇAOĞLU

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Turkey 2021 - Continues

Doctorate, Gebze Technical University, Institute Of Science, Turkey 2020 - 2021

Postgraduate, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Turkey 2016 - 2019

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

Foreign Languages

English, B1 Intermediate

Research Areas

Health Sciences, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Biscarbazole Derivatives: Synthesis, Characterization, Antimicrobial and Antitumor Activity, and Molecular Docking Study**
Çelik F., Aydın A., İnan Bektaş K., Güler H. İ., Nalçaoğlu A., Ünver Y.
RUSSIAN JOURNAL OF GENERAL CHEMISTRY, vol.92, no.10, pp.2145-2160, 2022 (SCI-Expanded)
- II. **Genome-based reclassification of Anoxybacillus kamchatkensis Kevbrin et al. 2005 as a later heterotypic synonym of Anoxybacillus ayderensis Dulger et al. 2004**
İnan Bektaş K., Nalçaoğlu A., Güler H. İ., Çanakçı S., Beldüz A. O.
ARCHIVES OF MICROBIOLOGY, vol.204, no.10, 2022 (SCI-Expanded)
- III. **Novel piperazine-substituted silicon phthalocyanines exert anti-cancer effects against breast cancer cells**
Nalçaoğlu A., Sarı C., Değirmencioğlu İ., Celep Eyüpoğlu F.
PHOTODIAGNOSIS AND PHOTODYNAMIC THERAPY, vol.37, 2022 (SCI-Expanded)
- IV. **Tumor-selective new piperazine-fragmented silicon phthalocyanines initiate cell death in breast**

cancer cell lines

SARI C., NALÇAOĞLU A., DEĞİRMENCİOĞLU İ., Eyupoglu F.

JOURNAL OF PHOTOCHEMISTRY AND PHOTOBIOLOGY B-BIOLOGY, vol.216, 2021 (SCI-Expanded)

Books & Book Chapters

I. Virüslere Dayanıklı Transgenik Bitkilerin Geliştirilmesi

Nalçaoğlu A.

in: Genetiği Değiştirilmiş Organizmalar ve Biyogüvenlik, İsmail Bezirganoğlu, Editor, Pegem A Yayıncılık, Ankara, 2019

Refereed Congress / Symposium Publications in Proceedings

I. Isolation, Characterization and Identification of Lipase and Protease Producing Bacteria Compatible for Detergent Industry.

CEYLAN E., NALÇAOĞLU A., İNAN BEKTAŞ K., ağırman s., sivri N. s., Kaya A., ÇANAKÇI S., BELDÜZ A. O.

3. Eurasia Biochemical Approaches and Technologies Congress-EBAT 2021, Antalya, Turkey, 04 November 2021

II. Isolation and Identification of Amylase and Cellulase Producing Bacteria Compatible for Detergent Industry

NALÇAOĞLU A., CEYLAN E., İNAN BEKTAŞ K., Güneş S., çağlar p., ÇANAKÇI S., BELDÜZ A. O.

3. Eurasia Biochemical Approaches and Technologies Congress-EBAT 2021, Antalya, Turkey, 04 November 2021

III. Design of Novel Furoyl-Methoxy-Piperazine Phthalocyanines with High ROS Capability in the Breast Cancer Cell Line As An Anticancer Drug

Nalçaoğlu A., SARI C., DEĞİRMENCİOĞLU İ., CELEP EYÜPOĞLU F.

7th International Bahçeşehir University (BAU) Drug Design Congress, İstanbul, Turkey, 19 - 21 December 2019, pp.140

IV. PDT with the new furoyl-piperazine-propanol silicon phthalocyanines on breast cancer cell lines

CELEP EYÜPOĞLU F., SARI C., DEĞİRMENCİOĞLU İ., nalçaoğlu A.

MolBiyKon19, İstanbul, Turkey, 27 - 29 September 2019, pp.144

V. Photodynamic therapy with the new furoyl-piperazine-propanol silicon phthalocyanines on breast cancer cell lines

Nalçaoğlu A., SARI C., DEĞİRMENCİOĞLU İ., CELEP EYÜPOĞLU F.

7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 27 - 29 September 2019, pp.144

Supported Projects

BELDÜZ A. O., NALÇAOĞLU A., CEYLAN E., İNAN BEKTAŞ K., GÜLER H. İ., ÇANAKÇI S., Project Supported by Higher Education Institutions, Deterjan Endüstrisinde Kullanım Potansiyeline Sahip Enzim Üreticisi Bakteri İzolatlarının Moleküler Tanımlanması, 2021 - Continues

Memberships / Tasks in Scientific Organizations

Moleküler Kanser Araştırma Derneği, Member, 2018 - Continues, Turkey

Metrics

Publication: 13
Citation (WoS): 7
Citation (Scopus): 7
H-Index (WoS): 1
H-Index (Scopus): 1

Congress and Symposium Activities

8th International Congress of the Molecular Biology Association of Turkey (MolBiyKon22), Attendee, İstanbul, Turkey, 2022

4th Eurasia Biochemical Approaches & Technologies Congress (EBAT), Attendee, Antalya, Turkey, 2021

th International Bahçeşehir University (BAU) Drug Design Congress, Attendee, İstanbul, Turkey, 2019

7th International Congress of the Molecular Biology Association of Turkey, Attendee, İstanbul, Turkey, 2019

Scholarships

Piperazin Substituentli Yeni Silisyum Ftalosyaninlerin Sentezi, Karakterizasyonu ve Meme Kanseri Hücre Hatlarında Fotodinamik Terapi (PDT) Etkilerinin Araştırılması, 1002, TUBITAK, 2019 - 2019

Seckel Sendromu İle İlişkilendirilen Ccdc84'ün Fonksiyonunun Araştırılması, 1001, TUBITAK, 2017 - 2018

Awards

Sarı C., Nalçaoğlu A., Değirmencioğlu İ., Celep Eyüpoğlu F., Tümör-selektif yeni piperazin ikameli silisyum ftalosyaninlerin meme kanseri hücre hatlarında hücre ölümünü indüklemesi, Tıbbi Biyoloji Ve Genetik Derneği, October 2021