

## Lect. Muhammed Tılahun MUHAMMED

### Personal Information

Email: muhammedmuhammed@sdu.edu.tr

### Education Information

Doctorate, Ankara University, Institute Of Biotechnology, Department Of Biotechnology, Turkey 2016 - 2020

Postgraduate, Middle East Technical University, Fen Bilimleri, Biyomedikal Mühendisliği, Turkey 2012 - 2015

### Foreign Languages

English, C1 Advanced

### Dissertations

Postgraduate, THERMOSTABILIZATION OF PANOMYCOCIN, A NOVEL EXO-BETA-1,3-GLUCANASE ISOLATED FROM PICHIA ANOMALA NCYC 434, BY USING EXCIPIENTS AND COMPUTATIONAL METHODS, Middle East Technical University, Fen Bilimleri, Biyomedikal Mühendisliği, 2015

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry, Pharmaceutics Technology, Pharmaceutical Biotechnology

### Academic Titles / Tasks

Lecturer, Suleyman Demirel University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri, 2016 - Continues

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Phytochemical profile, antimicrobial, and anti-quorum sensing properties of fruit stalks of Prunus avium L.**  
Onem E., Sarisu H. C. , Ozaydin A. G. , Muhammed M. T. , AK A.  
Letters in Applied Microbiology, 2021 (Journal Indexed in SCI Expanded)
- II. **Three dimensional structure prediction of panomycocin, a novel Exo-beta-1,3-glucanase isolated from Wickerhamomyces anomalus NCYC 434 and the computational site-directed mutagenesis studies to enhance its thermal stability for therapeutic applications**  
MUHAMMED M. T. , SON Ç. D. , Izgu F.  
COMPUTATIONAL BIOLOGY AND CHEMISTRY, vol.80, pp.270-277, 2019 (Journal Indexed in SCI)
- III. **Homology modeling in drug discovery: Overview, current applications, and future perspectives**  
MUHAMMED M. T. , Aki-Yalcin E.  
CHEMICAL BIOLOGY & DRUG DESIGN, vol.93, no.1, pp.12-20, 2019 (Journal Indexed in SCI)

## Articles Published in Other Journals

### I. Pharmacophore modeling in drug discovery: Methodology and current status

MUHAMMED M. T. , Aki-Yalcin E.

Journal of the Turkish Chemical Society, Section A: Chemistry, vol.8, no.3, pp.749-762, 2021 (Refereed Journals of Other Institutions)

## Citations

Total Citations (WOS):26

h-index (WOS):1