

## Res. Asst. MURAT AKDOĞAN

### Personal Information

Email: muratakdogan@hacettepe.edu.tr

### Education Information

Doctorate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Turkey 2013 - Continues  
Undergraduate, Anadolu Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2006 - 2010

### Research Areas

Chemical Engineering and Technology, Biotechnology, Biotechnological Processes and Fermentation Technology, Chemical Technologies, Polymer Technology, Engineering and Technology

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

- I. **Enhanced production of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) biopolymer by recombinant Bacillus megaterium in fed-batch bioreactors**  
AKDOĞAN M., Çelik E.  
BIOPROCESS AND BIOSYSTEMS ENGINEERING, 2020 (Journal Indexed in SCI)
- II. **Purification and characterization of polyhydroxyalkanoate (PHA) from a Bacillus megaterium strain using various dehydration techniques**  
AKDOĞAN M., Çelik E.  
JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY, vol.93, no.8, pp.2292-2298, 2018 (Journal Indexed in SCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Production and characterization of poly 3 hydroxybutyrate PHB under different dehydration techniques by Bacillus megaterium strain**  
AKDOĞAN M., ÇELİK AKDUR E.  
15th International Symposium on Biopolymers, 26 - 29 September 2016, vol.1

### Supported Projects

ÇELİK AKDUR E., AKDOĞAN M., Project Supported by Higher Education Institutions, Rekombinant Bacillus megaterium ile Biyopolimer Üretimi ve Karakterizasyonu, 2016 - 2019

### Citations

Total Citations (WOS):4

h-index (WOS):1