

Research Interest May 2017

Assist. Prof. Dr. Melis Sümengen Ozdenefe

My research interests are Industrial Microbiology, Biotechnology, Bacteriology, Microbial Ecology and Enzymology. Dr. Ozdenefe's research explores the various enzymes and biosurfactant which are produced from various bacteria for industrial applications, the production and characterization of bacterial enzymes, identification of microorganisms by applying widespread microbiological methods (Gram staining, catalase reaction, endospore-forming and cell morphology), biochemical characterization (VITEK-II Compact Identification System) and molecular techniques (16S rRNA gene sequence analysis), the multiple antibiotic resistance and heavy metal resistance in Gram-negative bacteria.