Abstract Template

Abstract Title: Bacteria

First A. Author :Marjan Alibakhshi

[1]*First Author Affiliation (*Islamic Azad University of Hidaj*)*

Abstract

The bacteria that can be grown in the laboratory are only a small fraction of the total diversity that exists in nature. At all levels of bacterial phylogeny, uncultured clades that do not grow on standard media are playing critical roles in cycling carbon, nitrogen, and other elements, synthesizing novel natural products, and impacting the surrounding organisms and environment. While molecular techniques, such as metagenomics sequencing, can provide some information independent of our ability to culture these organisms, it is essentially impossible to learn new gene and pathway functions from pure sequence data. A true understanding of the physiology of these bacteria and their roles in ecology, host health, and natural product production requires their cultivation in the laboratory. Recent advances in growing these species include couture with other bacteria, recreating the environment in the laboratory, and combining these approaches with micro cultivation technology to increase throughput and access rare species. These studies are unravelling the molecular mechanisms of unculturability and are identifying growth factors that promote the growth of previously uncultivable organisms. This miner view summarizes the recent discoveries in this area and discusses the potential future of the field.

Keywords—BACTERIA, GROW,POTENTIAL

Professional Biography

I am Marjan Alibakhshi born in 1985 in Iran, I studied in course of food industry in Islamic Azad University of Hidaj. So I start researching in field of Bacteria and food industry.



Email Id:dorfamceo@gmail.com

Any Comments:-