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1) Molecular Biology Techniques Include DNA Cloning and  
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**Key words:** Bacterial-transformation; Biological analysis; Infectious deoxyribonucleic acid clones of those viruses area unit  
Microorganism

## **Introduction**

Among the assorted clay minerals, sepiolite, that may be a natural nano brous salt that exhibit a poor cell toxicity, may be a potential promising nanocarrier for the non-viral and stable transfer of cellular inclusion polymer into bacterium, class and human cells [1]. We tend to initial show here that mineral binds to bacterium, which may be helpful in remotion protocols. In an exceedingly previous analysis we've shown that's attainable to modulate the potency of the absorption of various varieties of polymer molecules onto mineral, which the polymer antecedently adsorbate might be recovered conserving the polymer structure and biological activity [2]. Microbial-derived natural product (NPs) and their by-product product area unit of nice importance and used wide in several elds, particularly in pharmaceutical industries. However, there's a direct got to establish innovative approaches, strategies, and techniques to get new NPs with novel or increased biological properties, thanks to the less productivity and better value on ancient drug discovery pipelines from natural bioresources [3]. Revealing of untapped microbial cryptic synthesis cistron clusters (BGCs) victimization polymer sequencing technology and bioinformatics tools makes order mining attainable for NP discovery from microorganisms. Microbial-derived natural product (NPs) and their by-product product area unit of nice importance and used wide in several elds, particularly in pharmaceutical industries [4]. However, there's a direct got to establish innovative approaches, strategies, and techniques to get new NPs with novel or increased biological properties, thanks to the less productivity and better value on ancient drug discovery pipelines from natural bioresources. Alphaviruses (genus Alphavirus; family Togaviridae) area unit a medically relevant family of viruses that embody chikungunya virus and Mayaro virus.