



October 06-08, 2014 Hilton San Antonio Airport, TX, USA

## Phage attacks to biofilm induce P. aeruginosa sensibility to antibiotics

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In most natural environments, the process of bacterial surface association is prevailing cells lifestyle. The tendency of bacteria to colonize solid materials is advantageous from an ecological standpoint. Many bacteria are able to produce biofilm when treated by drugs. The biofilm is polysaccharides which cover bacteria cells inducing inability for antibiotics cell bacteria penetration. Bacteriophage belonging to the Myoviridae family was chosen to destroy biofilm and to activate the effect of antibiotics. Cells producing biofilm loosing the sensibility to antibiotics may become sensible after phage attacks to polysaccharide produced by *P. aeruginosa*.

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