



## The Effect of Beverages on Biofilm

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### Message from the Guest Editor

Dear Colleagues:

Biofilms are specialized collections of microorganisms growing on a solid surface. Microorganisms including bacteria and yeast prefer to grow as biofilms. Biofilm growth consists of 4 stages: reversible and irreversible attachment, biofilm growth and detachment. Many different anti-biofilm treatments have been studied to prevent biofilm growth. Because beverages can deliver antimicrobials directly to biofilm-covered surfaces, the study of the effect of beverages on biofilm growth is important. This Special Issue will cover the effects of different beverages on biofilm attachment, growth and detachment.

Prof. Richard L. Gregory  
*Guest Editor*

