

Supporting Information

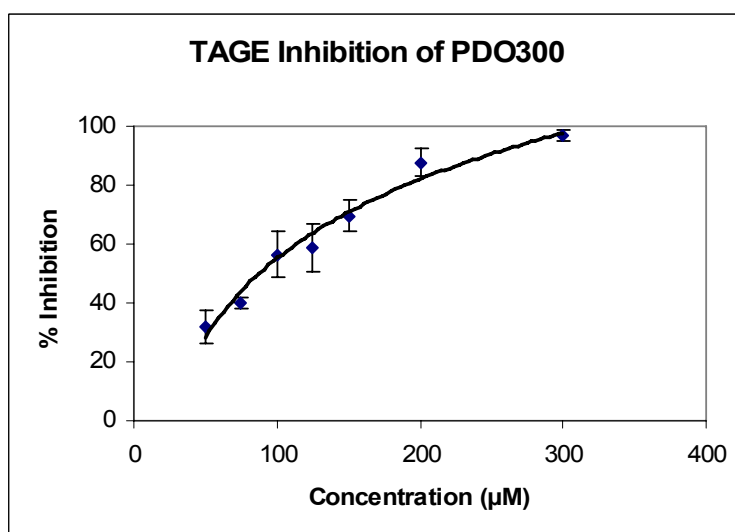
Control of Bacterial Biofilms with Marine Alkaloid Derivatives

Robert W. Huigens III,¹ Luyan Ma,² Christopher Gambino,¹ Peter D. R. Moeller,³ Anne Basso,¹
John Cavanagh,⁴ Daniel J. Wozniak,² and Christian Melander^{1*}

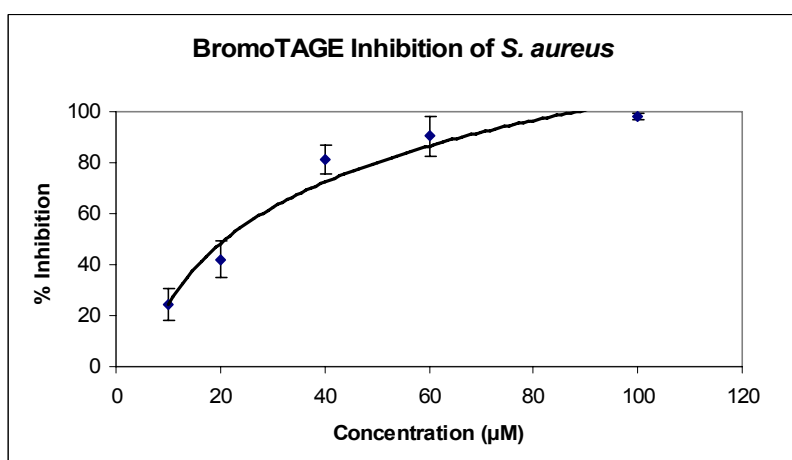
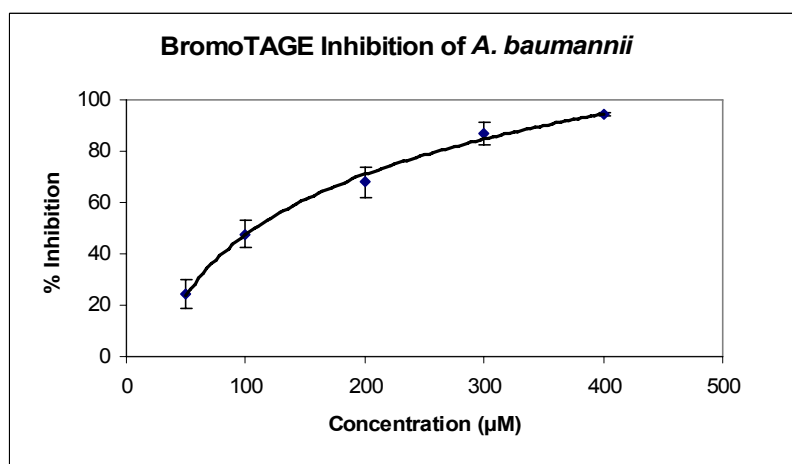
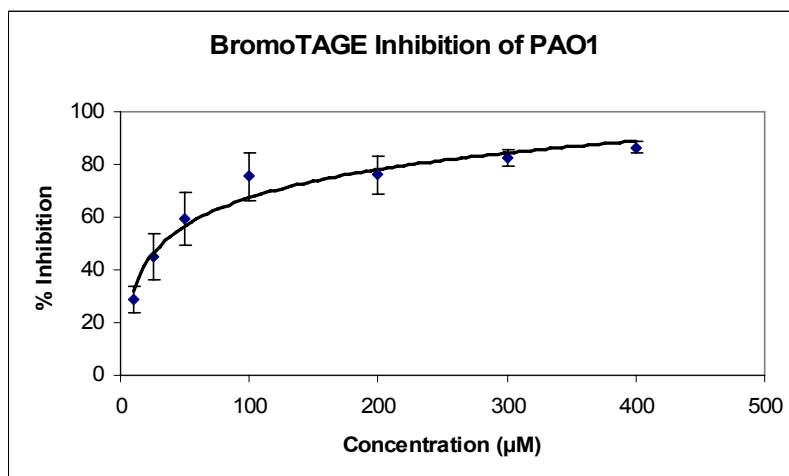
1. Department of Chemistry, North Carolina State University, Raleigh, NC 27695. 2. Department of Microbiology and Immunology, Wake Forest University School of Medicine, Winston-Salem, NC 27157. 3. Center for Coastal Environmental Health and Biomolecular Research, National Oceanic and Atmospheric Administration National Ocean Service, Hollings Marine Laboratory, Charleston, South Carolina 29412 4. Department of Molecular and Structural Biochemistry, North Carolina State University, Raleigh, NC 27695.

Dose-Response Curves for Biofilm Inhibition:

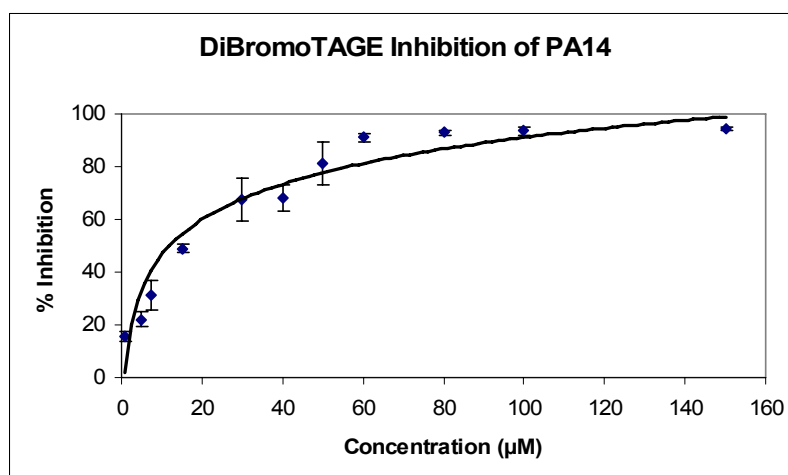
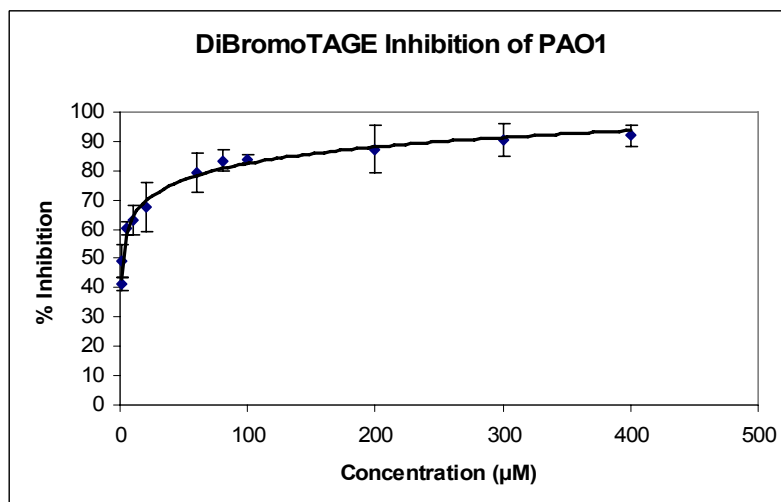
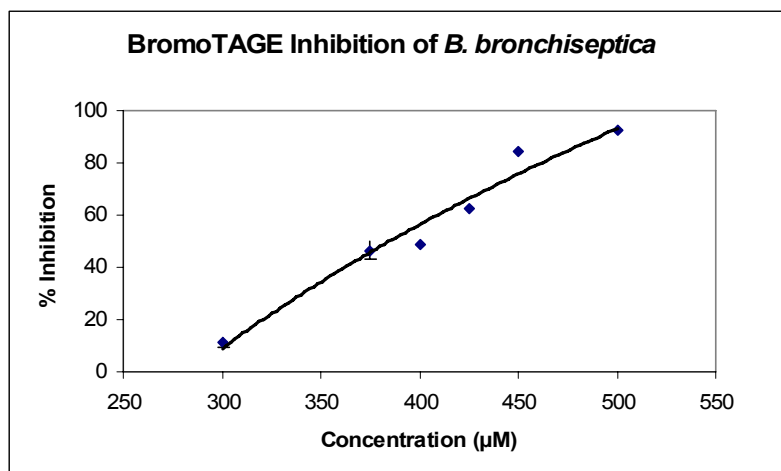
Dose-response curves were generated on the percent inhibition determined by the static inhibition/crystal violet stain assay and used to determine the IC₅₀ values for active compounds.



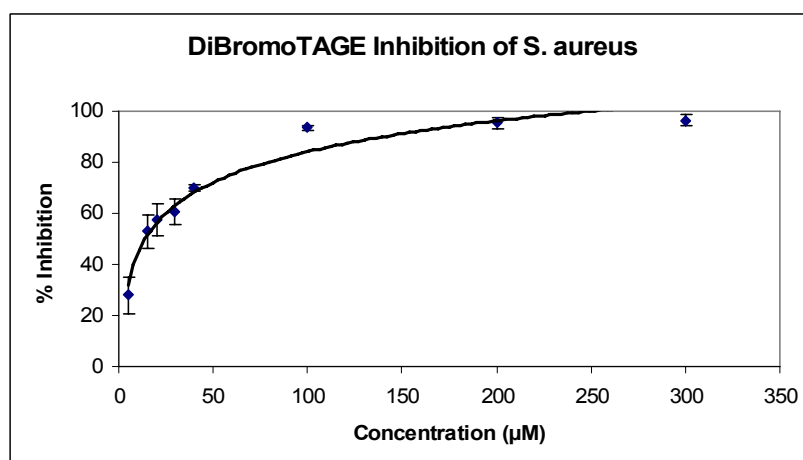
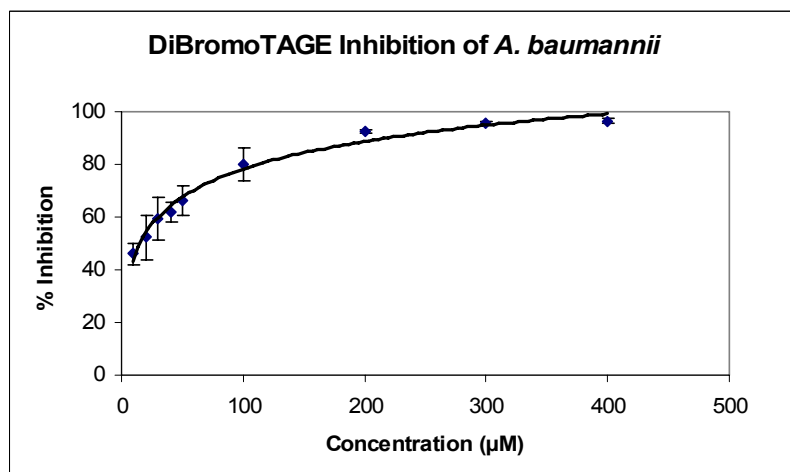
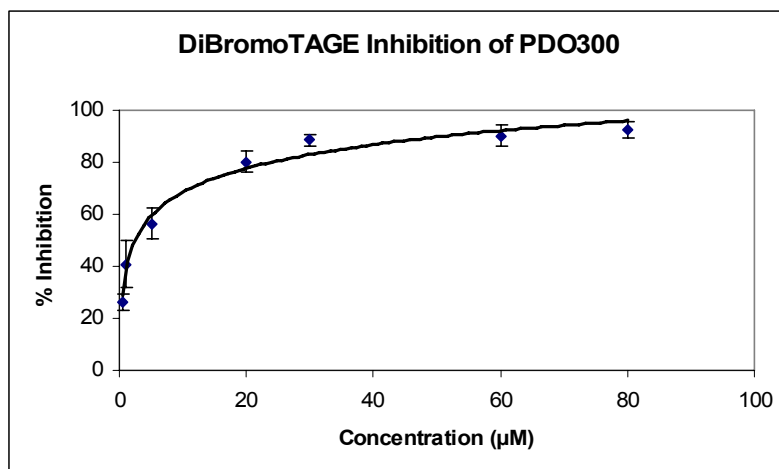
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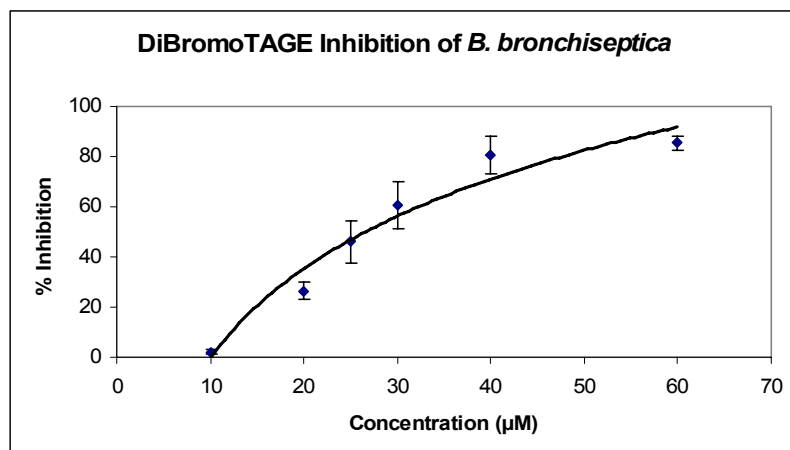
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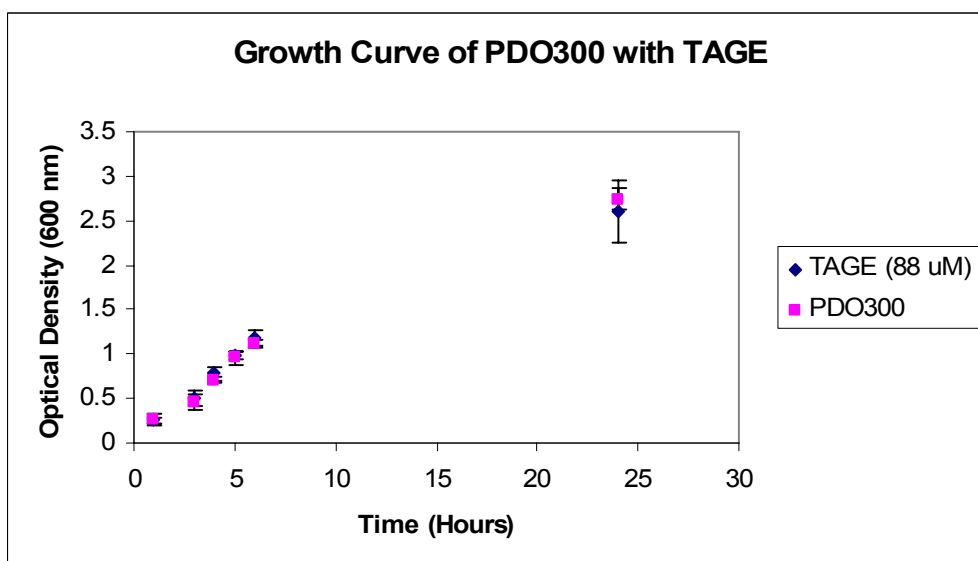


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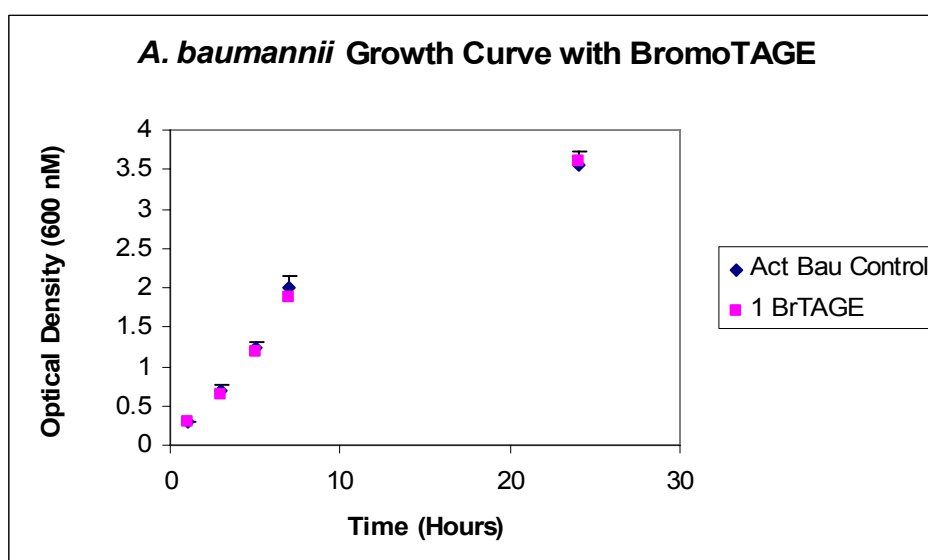
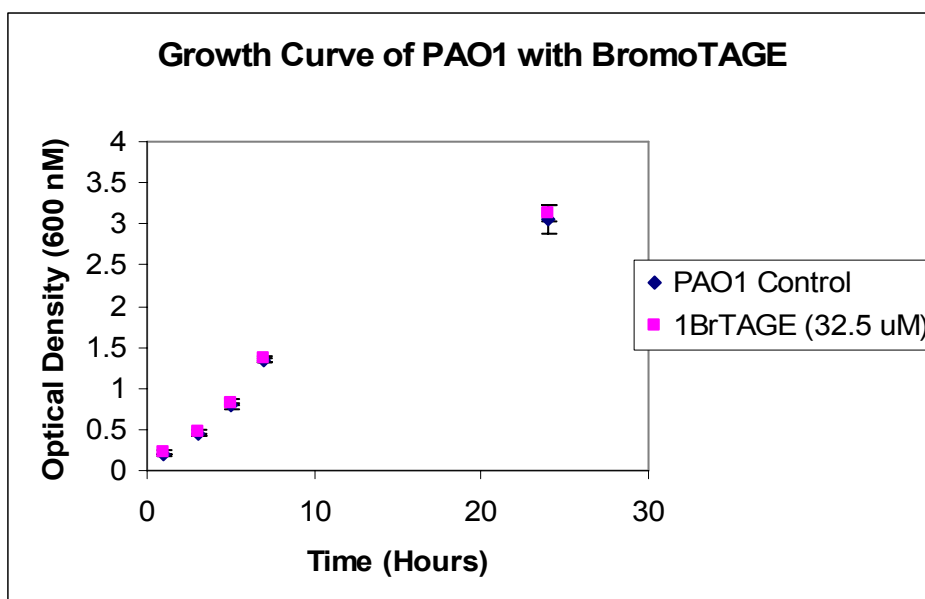


Growth Curves:

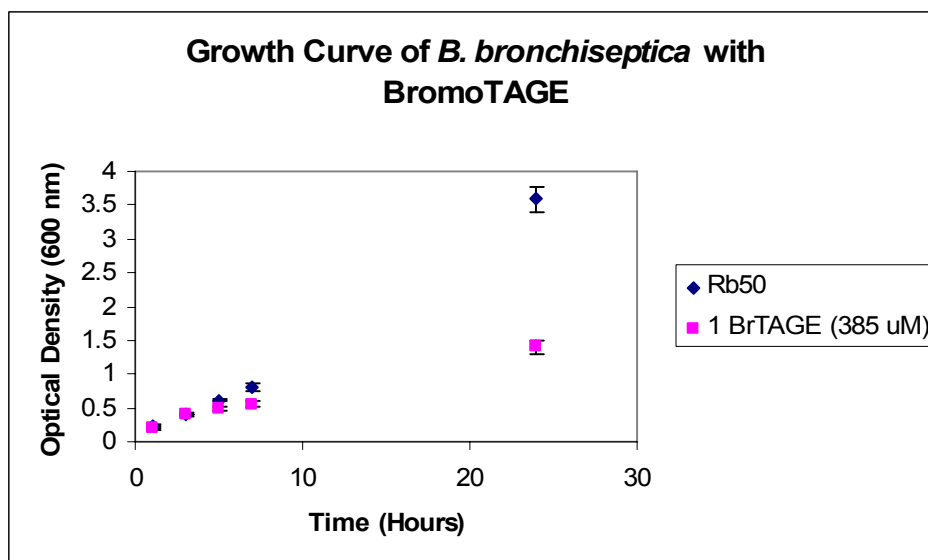
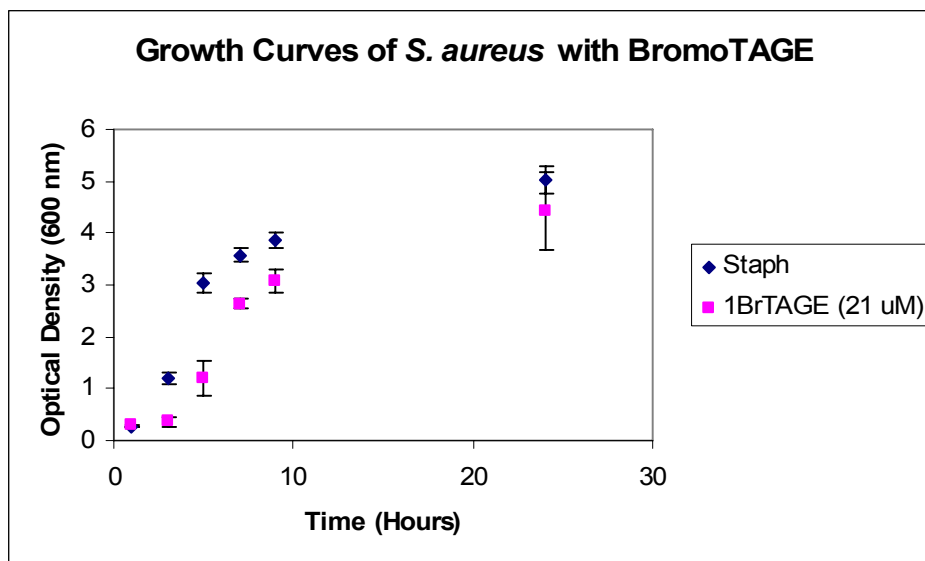
Growth curves against all strains discussed in this study were performed at the IC_{50} value of all active compounds.



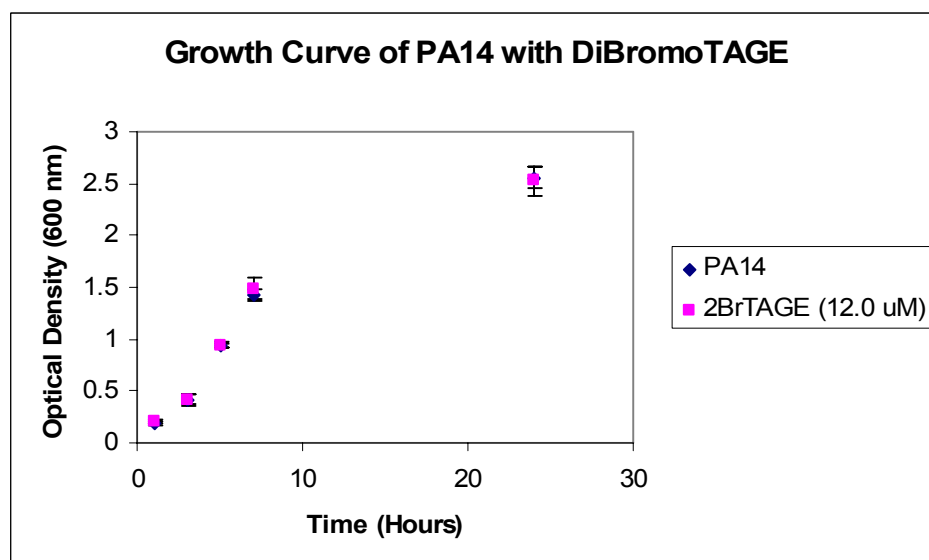
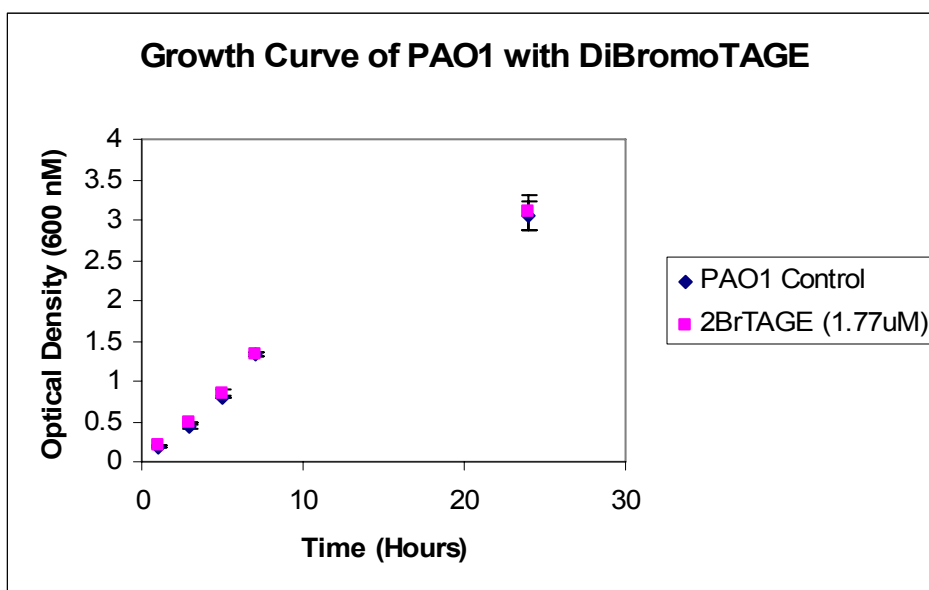
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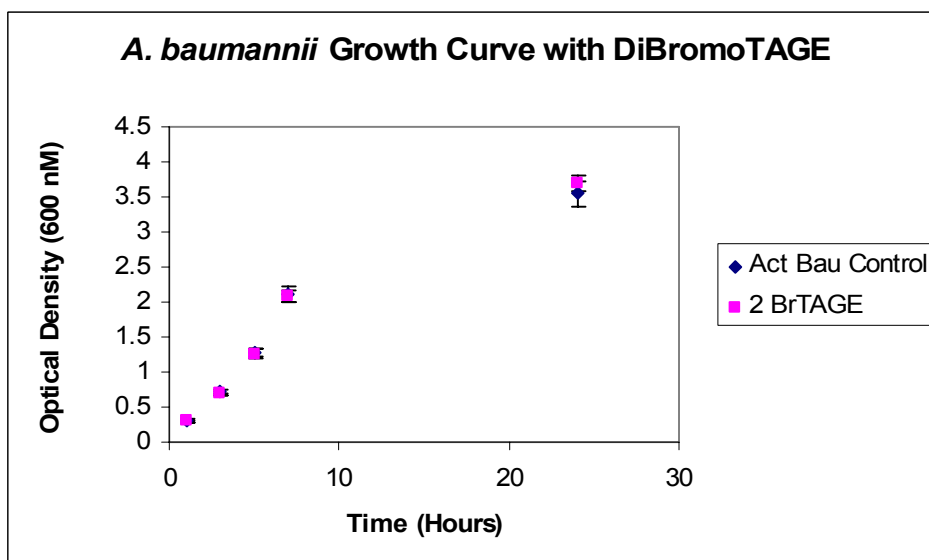
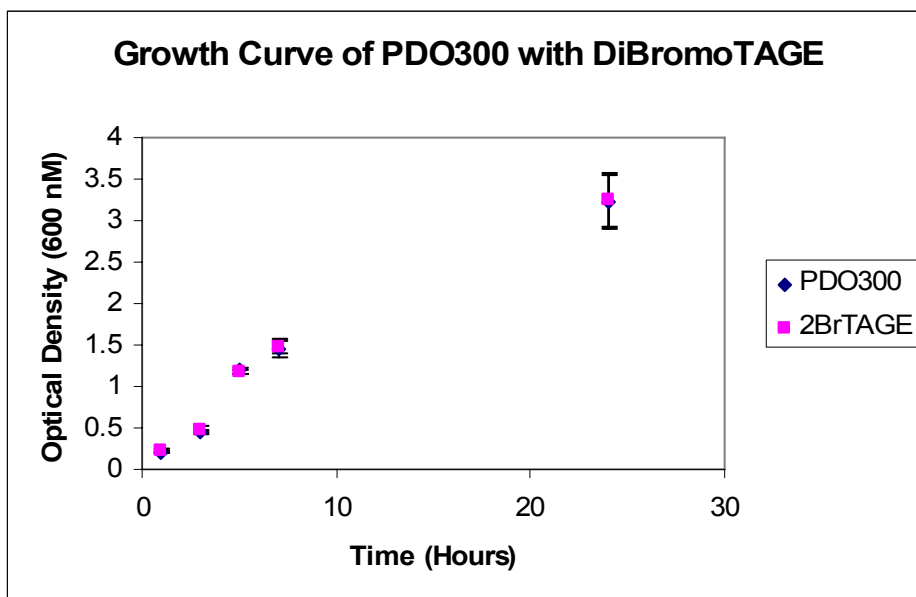
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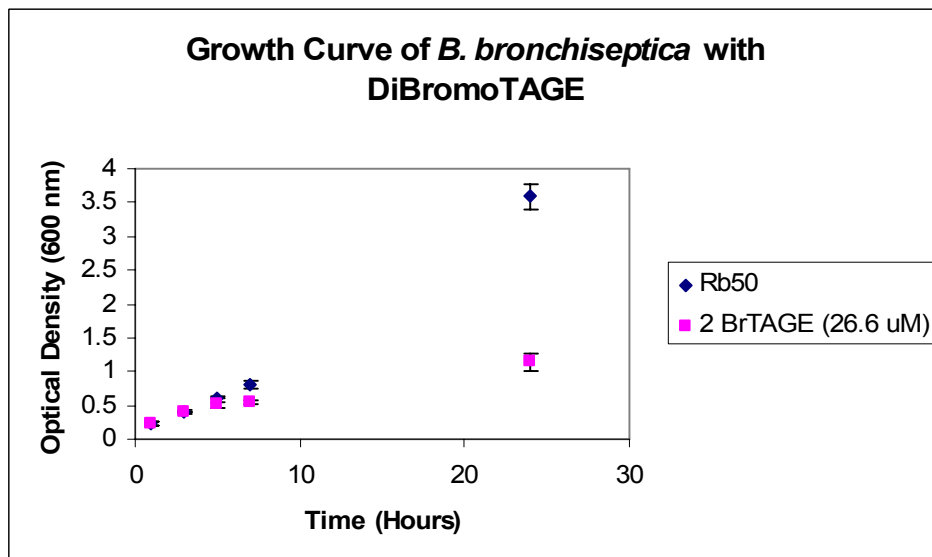
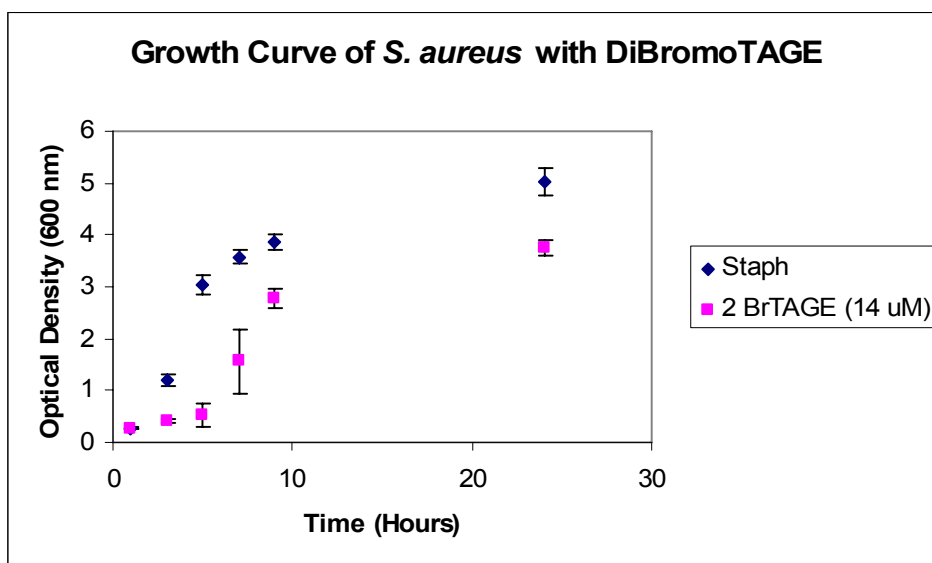
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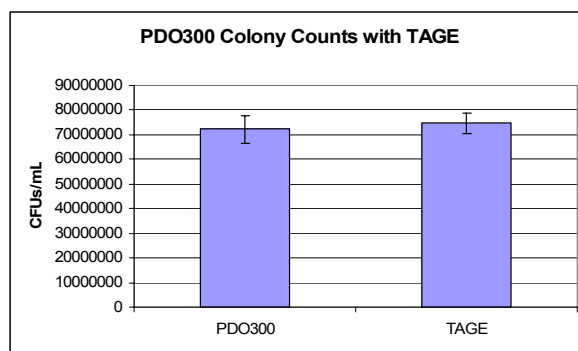
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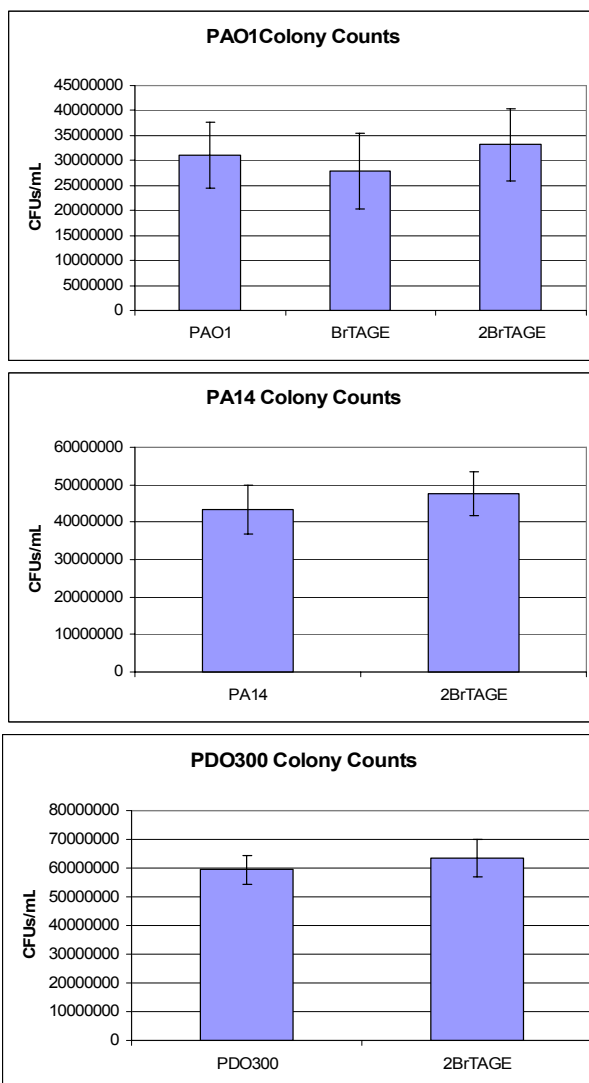
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Colony Counts:

Colony Counts were performed on all *P. aeruginosa* strains in this study were performed at the IC₅₀ value of the active compounds reported. (BromoTAGE = BrTAGE, DiBromoTAGE = 2BrTAGE)



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Dose-Response Curves for Dispersion:

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