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Article

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# Systematic analyses identify modes of action of ten clinically relevant biocides and antibiotic antagonism in *Acinetobacter baumannii*

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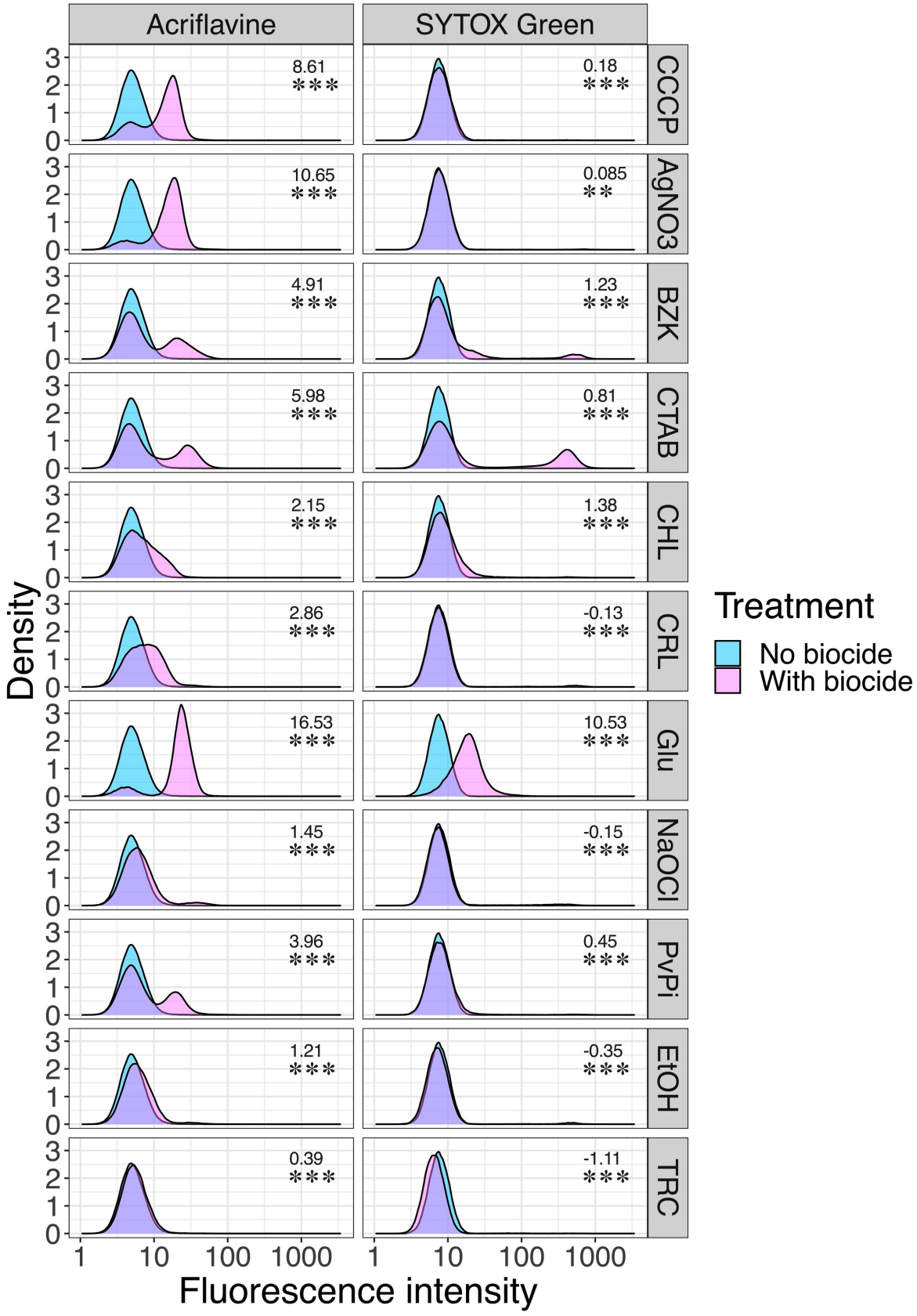


**Supplementary Figure 1. Biological replicates of SYTOX Green and acriflavine flow cytometry assays.** The difference of acriflavine and SYTOX Green accumulation between no treatment and biocide treated *A. baumannii* BAL062 were measured through flow cytometry (BD Influx™ Cell Sorter). The treatment concentration of the 10 biocides was at ¼ MIC,

respectively. Each curve shows the fluorescence intensity for around 50,000 cells. The cell populations show fluorescence profiles based on the concentration of acriflavine or SYTOX Green in the cell cytoplasm. The mean value of fluorescence intensity difference between no treatment and biocide treated cells and the statistical significance were measured by one-way ANOVA and followed with Dunnett test, with the significance indicated as ** $P < 0.001$ and *** $P = 0$, and ns not significant. The absolute p-values are listed in Source Data 3. This is a biological replicate of Figure 4 in the main text.

**Supplementary Table 1. Primers used in this study.**

| | Primer sequence |
|---|---|
| **TraDIS transposon insertion site PCR enfrichement primers** | |
| 5' enrichment primer | AATGATACGGCGACCACCGAGATCTACACCTGACCTCTAGAGTCGACTGGCAAACAG |
| 3' enrichment primer | AATGATACGGCGACCACCGAGATCTACACTTCATTACCCTGTTATCCCTATTTAGGTGAC |
| **TraDIS sequencing primers** | |
| 5' sequencing primer | TTATGGGTAATACGACTCACTATAGGGAGATGTGTA |
| 3' sequencing primer | TACCCTGTTATCCCTATTTAGGTGACACTATAGAAGAGATGTGTA |
| ***adeB* qRT-PCR primers** | |
| Forward primer: A1S_1750_qF | GTCATGGGTTCAAGCGGTC |
| Reverse primer: A1S_1750_qR | TTCACCCGATGACGTATCG |
| **GAPDH primers (housekeeping gene for qPCR Ct value normalization)** | |
| Forward primer: gapdh_17978_Fwd | ATAGGATCCATGTGACAAAAAGACCCAG |
| Reverse primer: gapdh_17978_Rev | gtgtcatatgTCTTTTTGTTCCTTAAACCG |