

SUPPLEMENTARY MATERIAL

Long-chain alkylthio cyclodextrin derivatives for modulation of quorum-sensing-based bioluminescence in *Aliivibrio fischeri* model system

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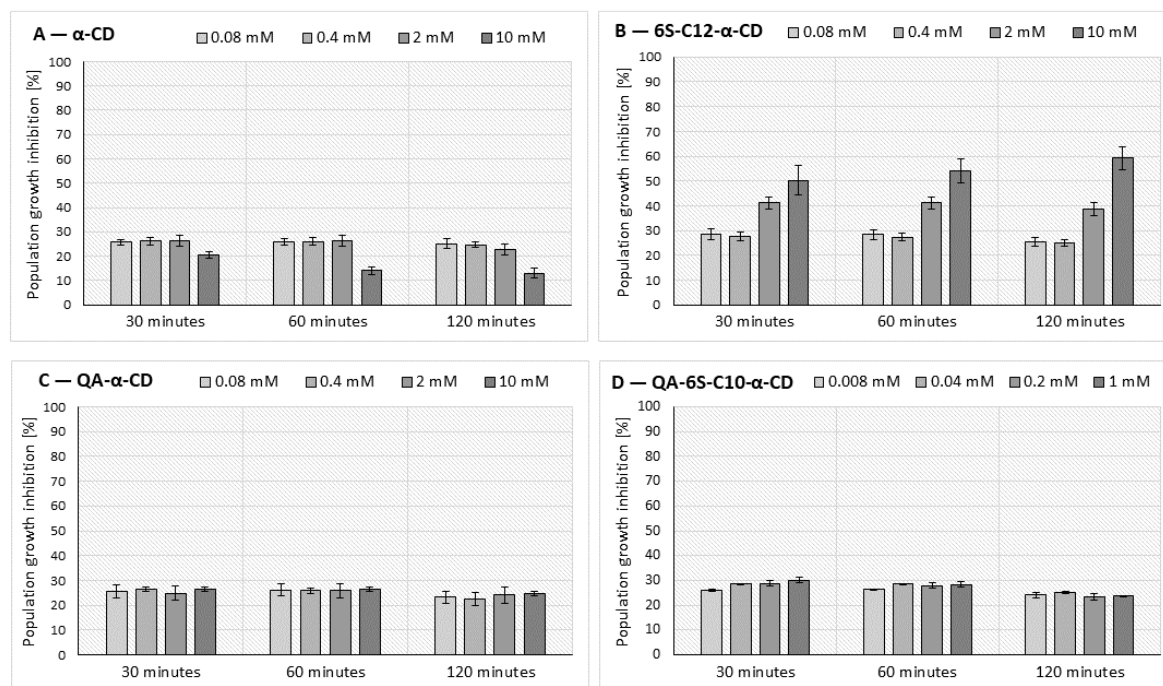


Figure S1. Effect of α -CD (A), 6S-C12- α -CD (B), QA- α -CD (C), and QA-6S-C10- α -CD (D) on the population growth of the *A. fischeri* after 30, 60, and 120 minutes of exposure. Data represent averages of four replicates.

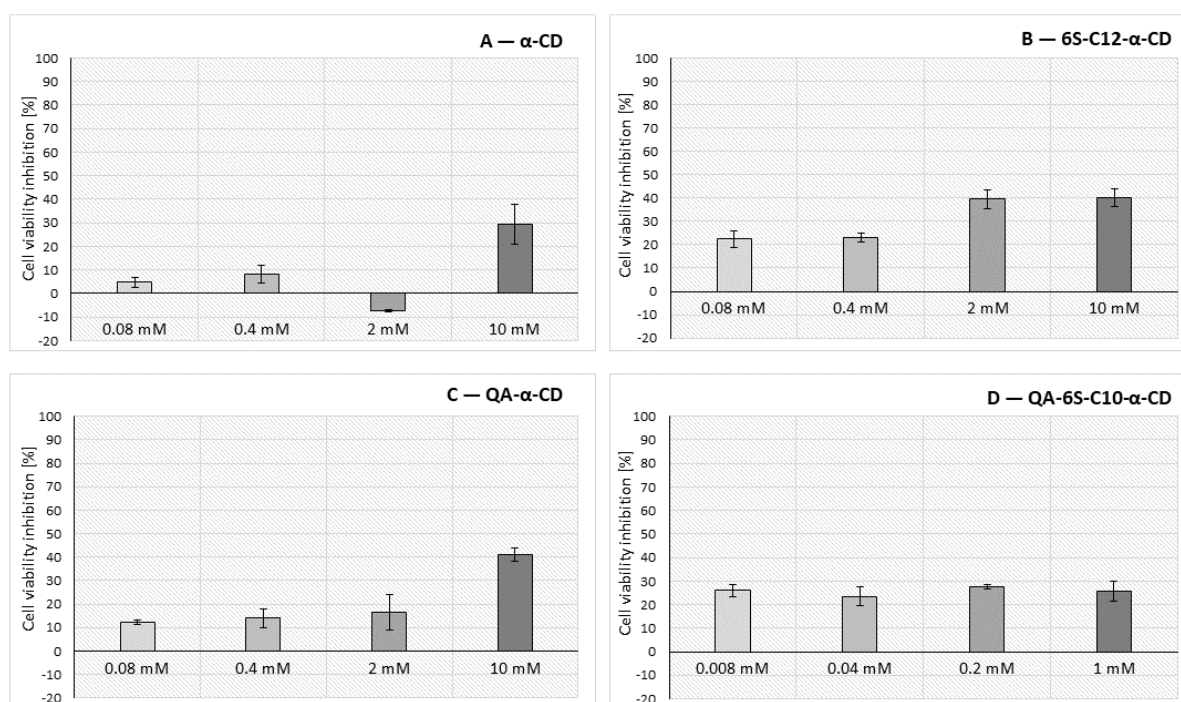


Figure S2. Effect of α -CD (A), 6S-C12- α -CD (B), QA- α -CD (C), and QA-6S-C10- α -CD (D) on the cell viability of the *A. fischeri* after 120 minutes of exposure. Data represent averages of four replicates.

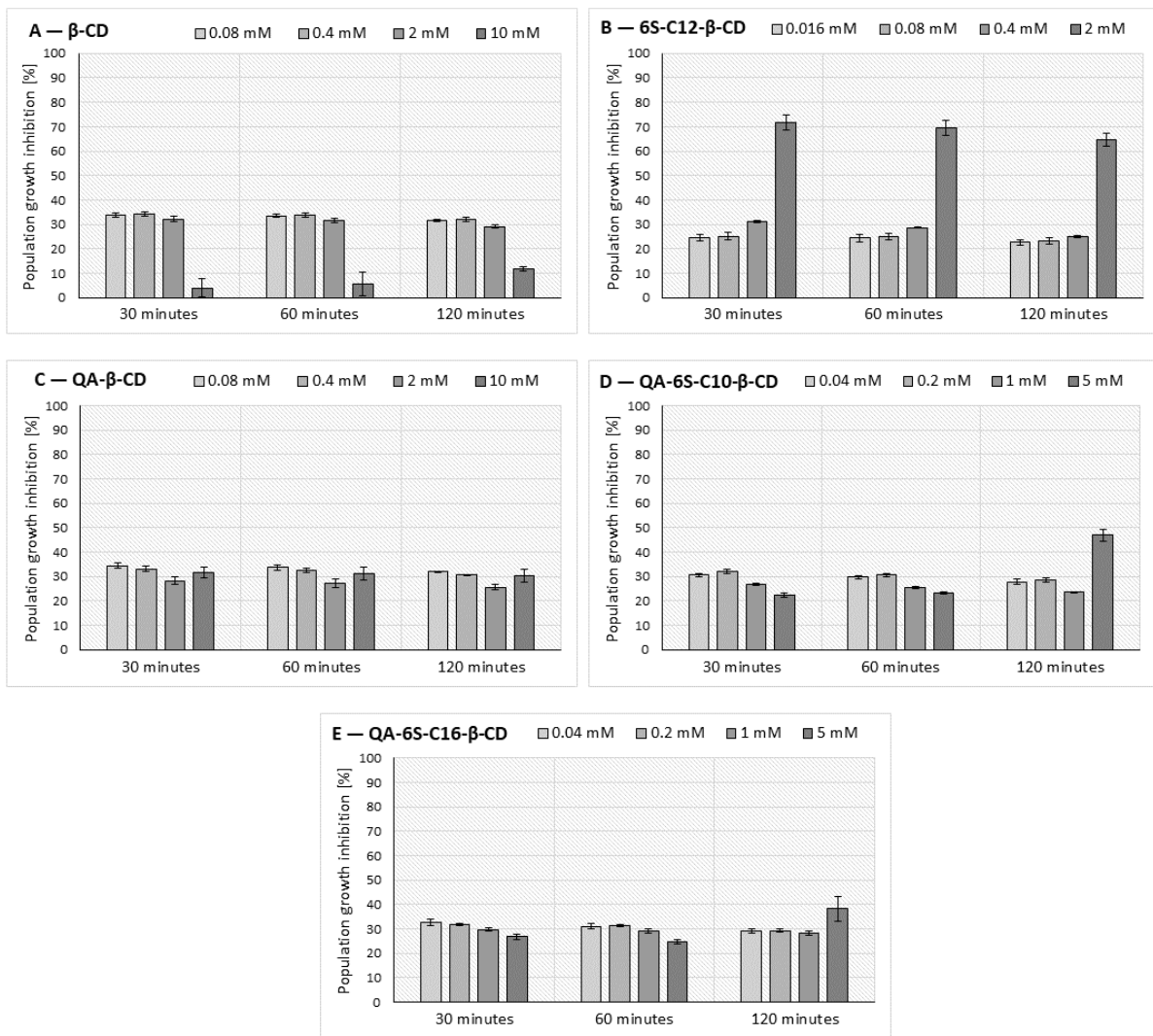


Figure S3. Effect of β -CD (A), 6S-C12- β -CD (B), QA- β -CD (C), QA-6S-C10- β -CD (D), and QA-6S-C16- β -CD (E) on the population growth of the *A. fischeri* after 30, 60, and 120 minutes of exposure. Data represent averages of four replicates.

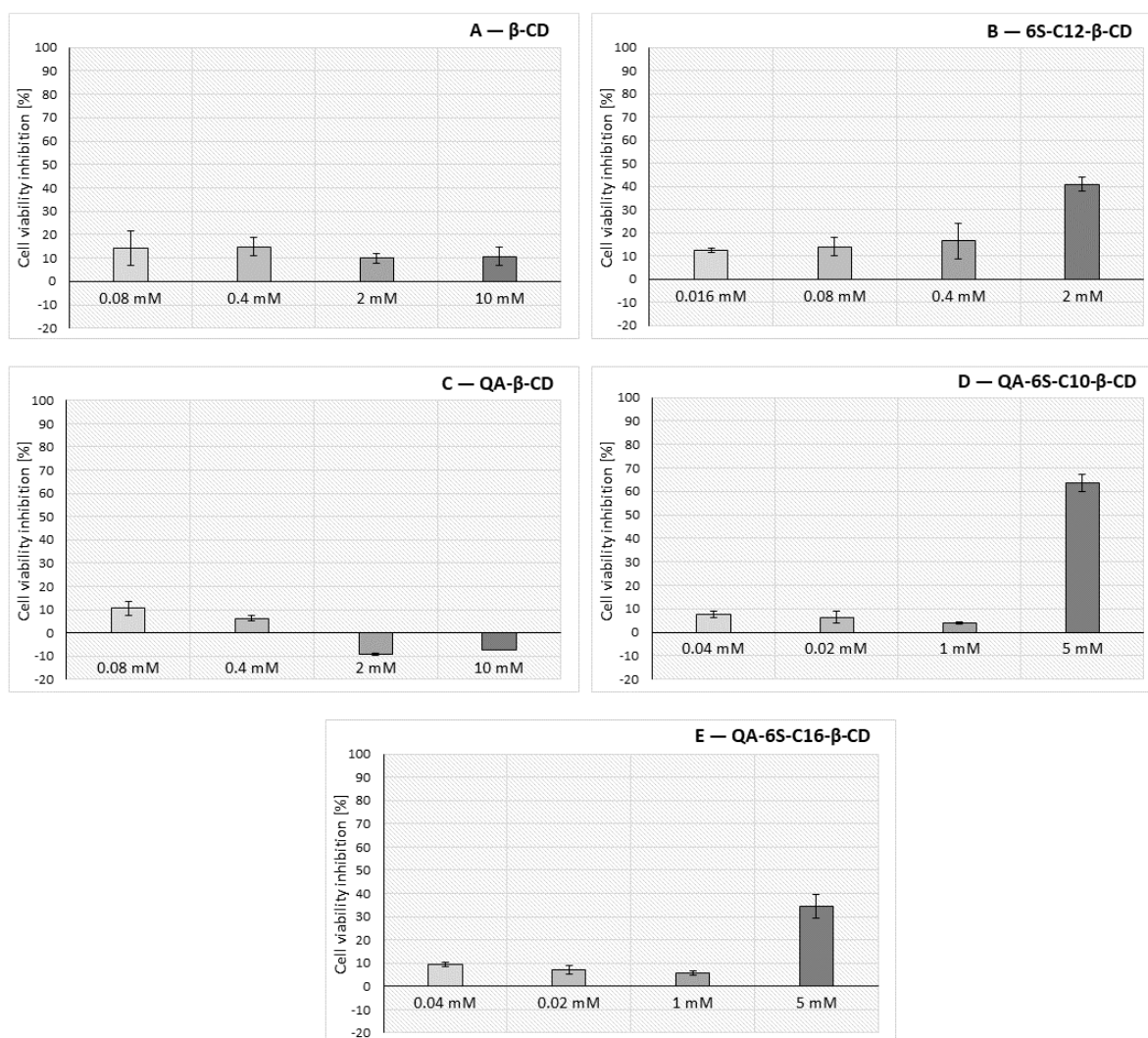


Figure S4. Effect of β -CD (A), 6S-C12- β -CD (B), QA- β -CD (C), QA-6S-C10- β -CD (D), and QA-6S-C16- β -CD (E) on the cell viability of the *A. fischeri* after 120 minutes of exposure. Data represent averages of four replicates.