

Supplementary Text S4. Effects of root extracts on the formation of biofilm.

P. aeruginosa and *A. baumannii* were selected to perform the experiments. Briefly, bacterial cells were grown in 96-well plates containing LB with CUR, AG and THY, respectively. The plates were first incubated for 12 h without shaking, and then the medium was removed from each well. After washing three times with PBS (pH = 7.4), the biofilm was fixed for 15 min by adding 100 μ L of methanol to each well. After that, the methanol was allowed to air dry naturally. The adherent biofilms were stained with 100 μ L of 0.5% (v/v) crystal violet solution at room temperature. After 5 min of standing, the dye was removed and the biofilms were washed three times with PBS. Then, the dye bound to the adherent cells was resolubilized with 100 μ L of 10% (v/v) acetic acid. The treated biofilms were allowed to stand for 30 min and then quantified at 570 nm using a SpectraMax®i3 plate reader (Molecular Devices, Sunnyvale, CA, USA). All assays were performed in triplicate.