

Supplementary material

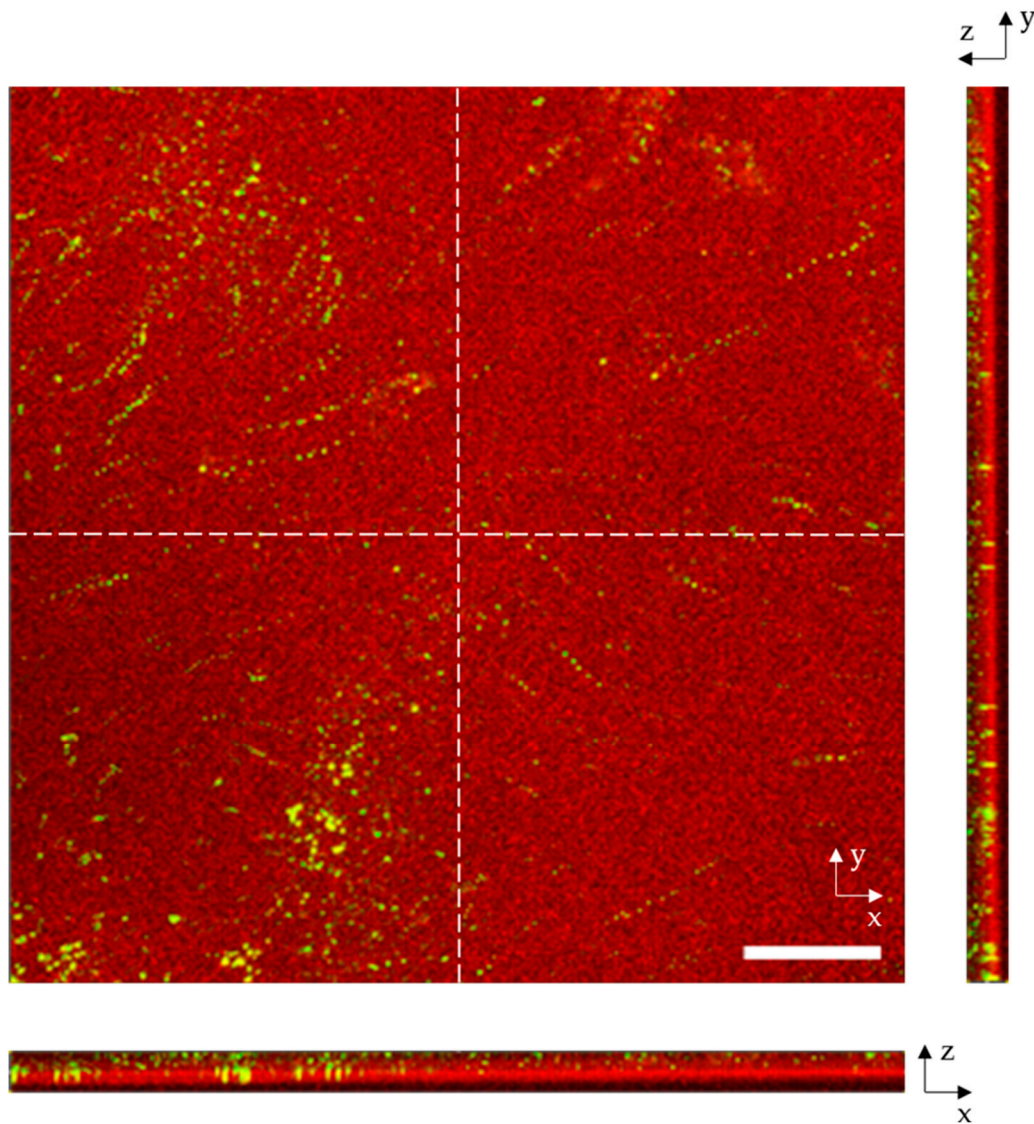


Figure S1: Spatial heterogeneity of dual-species biofilms of *P. aeruginosa* (labeled by the red fluorescent protein mCherry) and *S. aureus* (countermarked in green with Syto9) formed on 5 wt% GNP/PDMS; sections views of the CLSM image presented in Figure 6f. Dotted white lines indicate vertical sections. The scale bar is 100 μm .

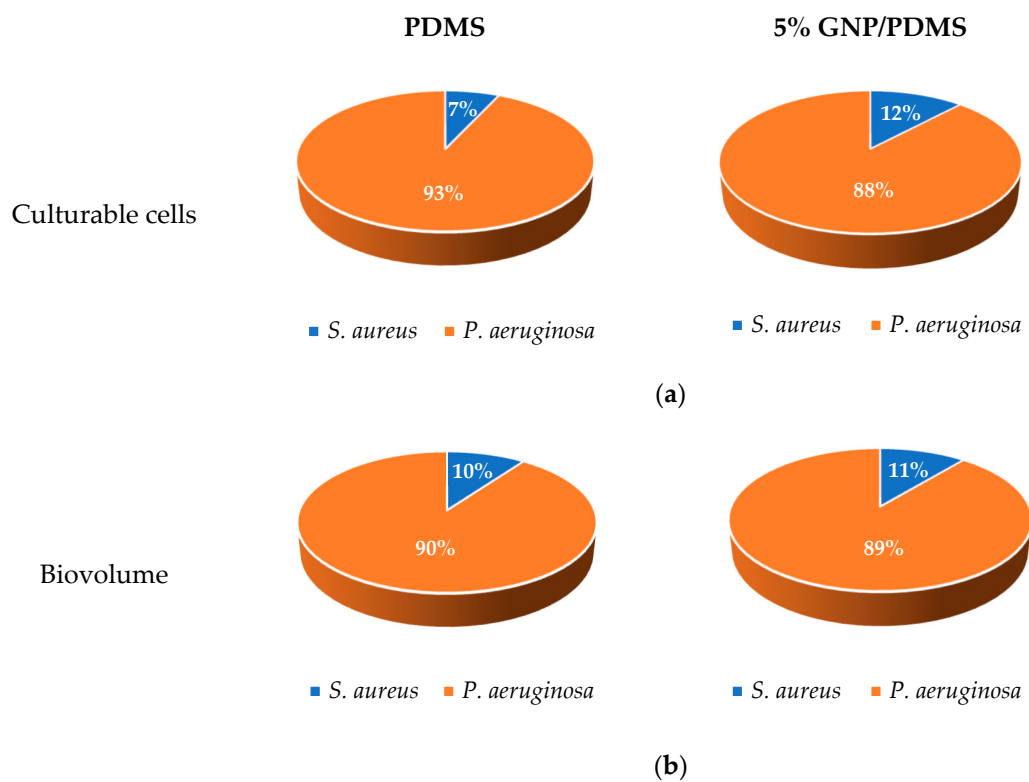


Figure S2: Proportion of *S. aureus* (in blue) and *P. aeruginosa* (in orange) (a) culturable cells and (b) biovolume in dual-species biofilms formed on 5 wt% GNP/PDMS surfaces.