S4 Figs. Correlation of impaction and sedimentation of *S. aureus* on CASO- and CNA-agar.

The correlation of impaction and 1 h and 2 h sedimentation of *S. aureus* on CASO-agar and CNA-agar show a linear correlation at low numbers of CFU/plate. After two hours sedimentation $R^2$ values were higher than one hour sedimentation.

Figs A and B. Correlation of impaction and sedimentation of *S. aureus* 1 h and 2 h on CASO-agar.

Figs C and D. Correlation of impaction and sedimentation of *S. aureus* 1 h and 2 h on CNA-agar.
Fig. A

\[ y = 1.4205x \]

\[ R^2 = 0.1455 \]

Fig. B

\[ y = 1.8647x \]

\[ R^2 = 0.3774 \]