Antimicrobial and nanoparticle penetration and killing in infectious biofilms

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Stellingen

Behorend bij het proefschrift

''Antimicrobial and nanoparticle penetration and killing in infectious biofilms''

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1. Reproducible thickness of biofilms is essential in studying antimicrobial penetration and bacterial killing in biofilms (this thesis).
2. Stress relaxation time range constant analysis can be used quantitatively to predict killing in biofilms (this thesis).
3. Peripheral composition of dendrons control their penetration in *Pseudomonas aeruginosa* biofilms (this thesis).
4. Successful *in vitro* studies on new antimicrobial strategies should be tested *in vivo* (this thesis).
5. Planktonic bacterial killing by antimicrobials has no predictive value for killing in biofilms.
6. Antimicrobial loaded nanocarriers are the future for treating biofilm infections.
7. The method determines the conclusions of the investigation.
8. It is an illusion to think that all infections can be controlled.
9. Success makes you forget failures.
10. Science should not be about publishing papers.
11. Time you enjoy wasting, was not wasted (Bertrand Russell).