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Synthesis of quaternary ammonium coated surfaces

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Stellingen

Behorend bij het proefschrift

Synthesis of quaternary ammonium coated surfaces

Physico-chemistry, bacterial killing and phagocytosis

Steven Roest

1. Contact killing coatings are the future for combating biomaterial-associated-infections. – *This thesis*
2. Cationic charge density is neither appropriate nor sufficient to determine the ability of QUAT-coatings to kill adhering bacteria. – *Chapter 5*
3. Different assays to evaluate bacterial contact killing coatings can lead to conflicting results. – *Chapter 6*
4. An anti-bacterial coating should not only demonstrate reduced biofilm formation but also stimulate a proper immune response and tissue integration. – *Chapter 7*
5. The tension created when different fields of science come together is necessary for good research. – *This thesis*
6. Chemists are afraid of bacteria, microbiologists are afraid of chemicals.
7. Complaining without offering a solution, is not allowed.
8. A good day begins early.
9. Until we know why we need sleep, it is a waste of time.
10. Bacteria will grow on you.
11. Writing an article is like creating a circle out of triangles.
12. A good scientist will always verify whether there is enough toilet paper before he sits down.