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Functional Nanogel Coatings as Antifouling and Antibacterial Surfaces

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1. Nanogel coatings seem to be an effective approach within the biomedical field, as they ensure stability after flow experiments. (This thesis)
2. Surface modification of a biomaterial to implement additional functionality might negatively impact other aspects of that biomaterial. (This thesis)
3. A coating needs to be easily applicable for numerous materials and complicated shapes. (This thesis)
4. Nanogels can be tailor-made for specific needs in different applications in the human body. (This thesis)
5. Nanogel coatings cannot completely eliminate the risk of biomaterial-associated infections, but efficiently reduce it. (This thesis)
6. Understanding the interactions between the nanogels and the surface properties for creating a nanogel coating is a crucial step. (This thesis)
7. A manuscript has more chances to be published in a high impact factor journal if in vivo studies were performed, and consequently, this pressures the individual scientist to misjudge what is worth studying and it thus might result in unnecessary animal experiments.
8. I think unconscious bias is one of the hardest things to get at. (Ruth Bader Ginsburg)
9. The strength of a person is not in their threshold to endure, but in their ability to let go.
10. You can't crush ideas by suppressing them. You can only crush them by ignoring them. By refusing to think, refusing to change. (Ursula Le Guin, *The Dispossessed*)
11. Until you make the unconscious conscious, it will direct your life and you will call it fate. (Carl Gustav Jung)