

Trick and treat: Cell-instructive and bactericidal nanopatterns for bone implants

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Propositions
accompanying the dissertation
Trick and treat
Cell-instructive and bactericidal nanopatterns for
bone implants
by
Khashayar Modaresifar

1. Early-stage settlement of cells on the nanopatterned surfaces determines the cells' fate. (This thesis)
2. Disparities in the reported values of killing efficiency are caused by diverging experimental protocols. (This thesis)
3. Doing a PhD is about learning how to develop a reliable methodology and interpret the results, and not about obtaining promising results.
4. Understanding the difference between principles and dogmas is more difficult than doing a PhD.
5. Money management is the most important transferable skill for PhD students.
6. Ethics of life sciences should not be left to ethicists.
7. Postmodernism is the greatest threat to the foundations of universities and scientific communities as we know them.
8. Multiculturalism hinders the immigrants' integration into Dutch society.
9. Nothing that diversity seeks to achieve is worth undermining meritocracy.
10. Progressive movements fail to accept the evolutionary origins of conservatism.

These propositions are regarded as opposable and defensible, and have been approved as such by the promotor Prof. A.A. Zadpoor, and the copromotor Dr. ir. L.E. Fratila-Apachitei.