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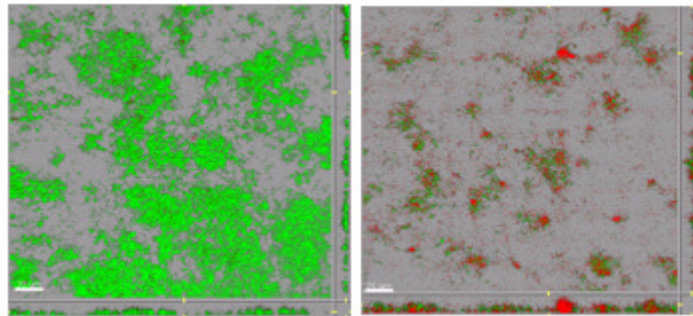
The following microbiological tests have been carried out on coated glass and steel samples:

- Short term biofilm formation
- Short and longer term bactericidal effects
- Very short term biofilm formation

The main results are:

- TiO₂ coated surfaces exhibit killing effect on bacteria
- Effects seemingly restricted to bacteria in intimate contact with the surface

The plan of the future includes testing of various substrate materials and coatings with different analytical techniques, and investigation of the effect of wavelength on survival of microorganisms.



Colonies on a substrate with a coating.

After exposure of UV-light : substantial killing of the colonies is observed (red). The margins show cross sections of the plates.