Noncytotoxic Artificial Bacterial Flagella Fabricated from **Biocompatible ORMOCOMP and Iron Coating**

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Figures:

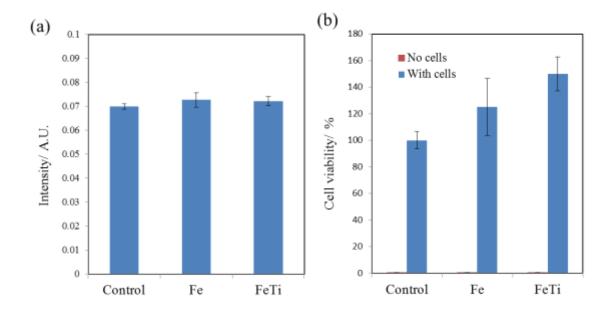


Figure S1. Comparison of MTT values with (b) and without (a,b) cells. (a) MTT assay run on Control (glass), Fe and FeTi surfaces without the presence of cells after 72 hours incubation. (b) Comparison of MTT viability determination in the presence and absence (extracted from panel (a) and compressed to fit in the same plot) of cells after 72 hours incubation. All values are normalized to the control condition in the presence of cells.

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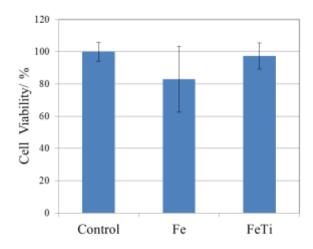


Figure S2.Trypan blue assays on Control (glass), Fe and FeTi surfaces after 72 hours incubation. No significant difference in cell viability was observed between the three substrates. The protocol of trypan blue assays was shown somewhere. I

Videos:

Video S1 shows DLW writing of helices in photoresist in real time.

Video S2 shows an Fe-coated ABF moving in DI-water under 9 mT at 72 Hz.

Reference

1. S. Crocetti, C. Beyer, G. Schade, M. Egli, J. Fröhlich and A. Franco-Obregón, *PLoS ONE*, 2013, **8**, e72944.