

Supplementary materials:

Table S1. Database search terms.

| DATABASE | Search Terms |
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| MEDLINE, CENTRAL, Pudmed | “titanium”[MeSH Terms] AND “implant”[MeSH Terms] AND “chitosan”[MeSH Terms] AND “coated materials, biocompatible”[MeSH Terms] AND “animals”[MeSH Terms] |
| WOS | titanium implants AND chitosan functionalized surface OR chitosan coating surfaces AND in vivo |

MeSH, Medical Subject Headings.