



Figure S1. *K. oxytoca* DSM 29614 grown in NaC (left) and in FeC medium (right) after 7 day of incubation at 30 °C.

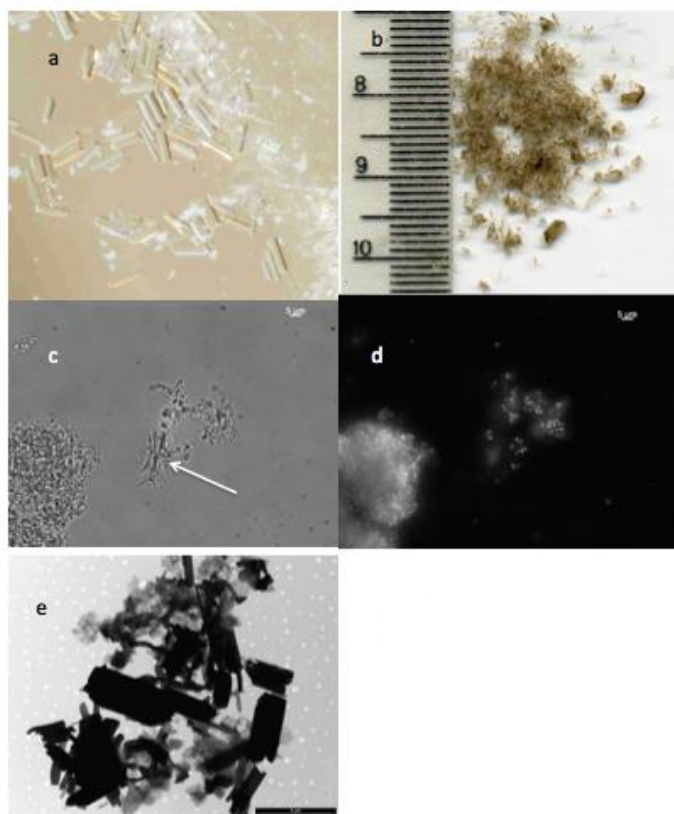


Figure S2. a,b)Production of ortorhomboidal struvite in the presence of Hg^{2+} (a) and Ag^+ (b); both crystals precipitated in aerobic cultures of *K. oxytoca* DSM 29614. c,d) Micrographs of microcrystal of struvite by *K. oxytoca* DSM 29614 cells, grown in aerobic conditions in the presence of Pd^{2+} in transmission mode (c) and in fluorescence mode (d) with cells stained with DAPI. e) Micrographs of TEM of microcrystals of struvite coated by Pd^{2+} .