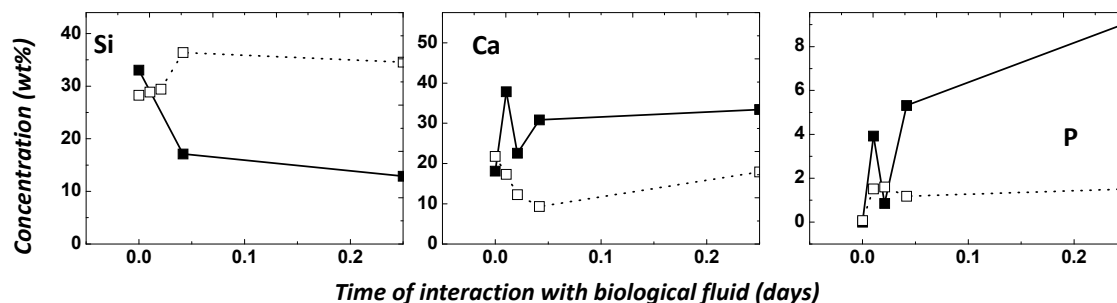
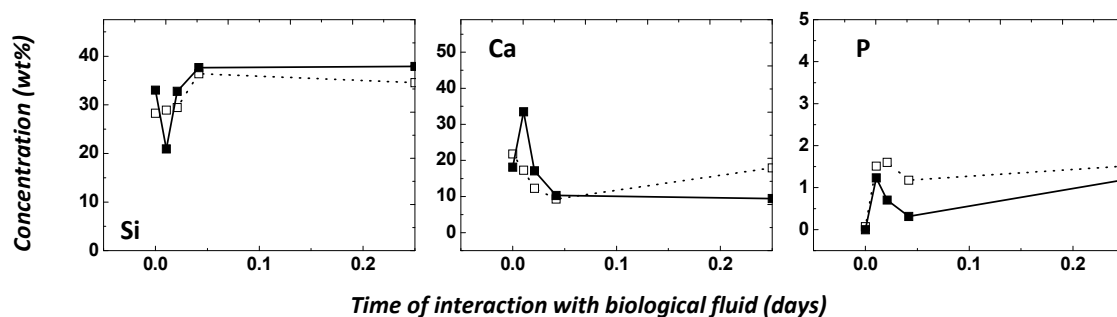


Supporting Information

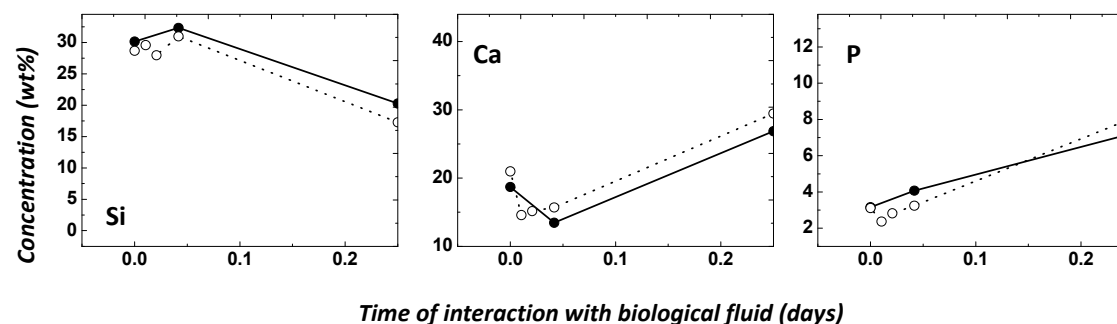
S6 : Evolution of elemental concentrations at the periphery of B75 grains (□) and in the volume of B75-F127 grains(□), during early hours (zoom Fig. 6)



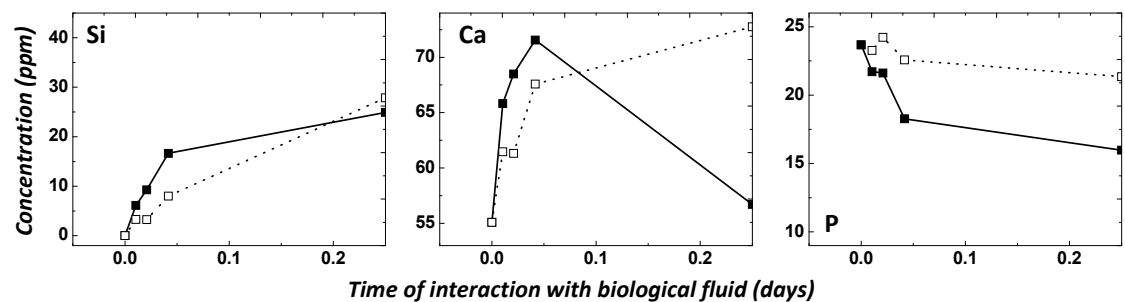
S7 : Evolution of elemental concentrations in the inner region of B75 grains (■) and in the volume of B75-F127 grains (□), during the early hours (zoom Fig. 7).



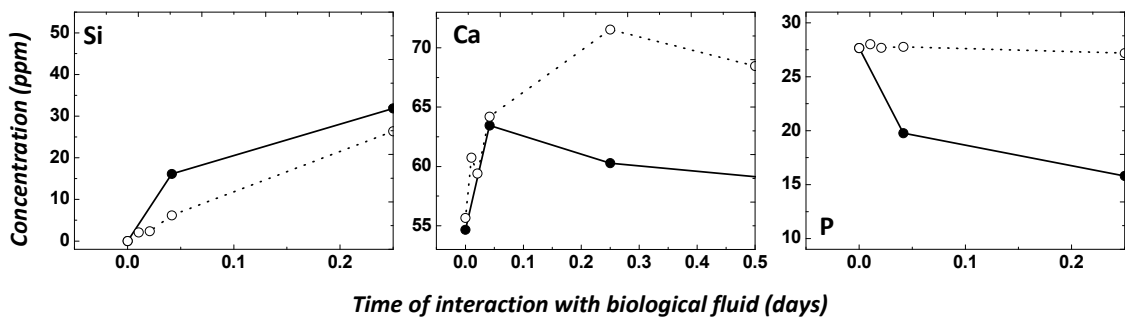
S8 : Evolution of elemental concentrations at the periphery of B67.5 grains (●) and in the volume of B67.5-F127 grains (○), during the early hours (zoom Fig. 8)



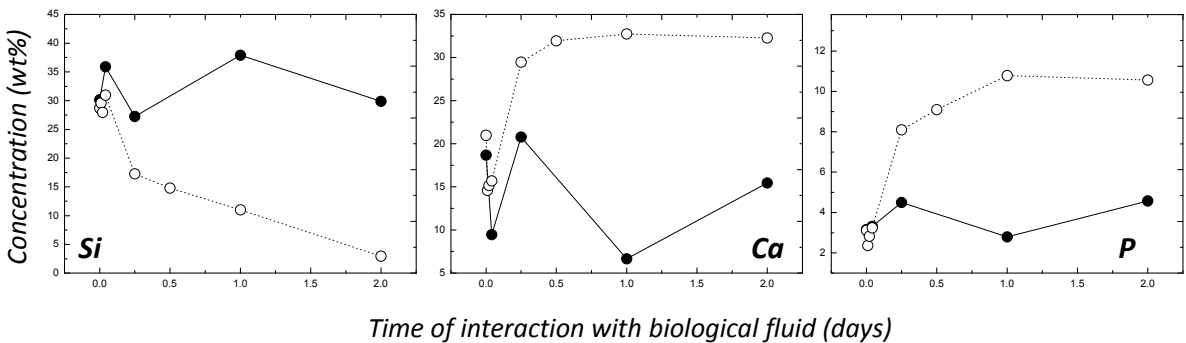
S9 : Evolution of elemental concentrations in biological fluids for B75 (■) and B75-F127 (□) glasses, during the early hours (zoom Fig.9)



S10 : Evolution of elemental concentrations in biological fluids for B67.5 (●) and B67.5-F127 (○) glasses, during the early hours (zoom Fig.10)



S11 : Evolution of elemental concentrations in the inner region of B75 grains (●) and in the volume of B75-F127 grains (○).



S12 : FTIR spectra of F127 surfactant, and mesoporous B67.5 before and after calcination at 600°C.

