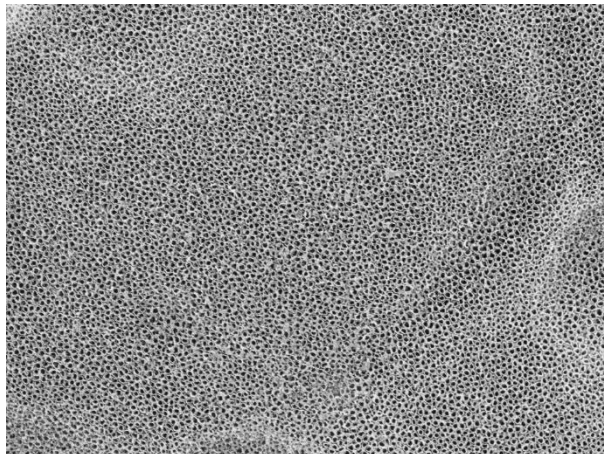
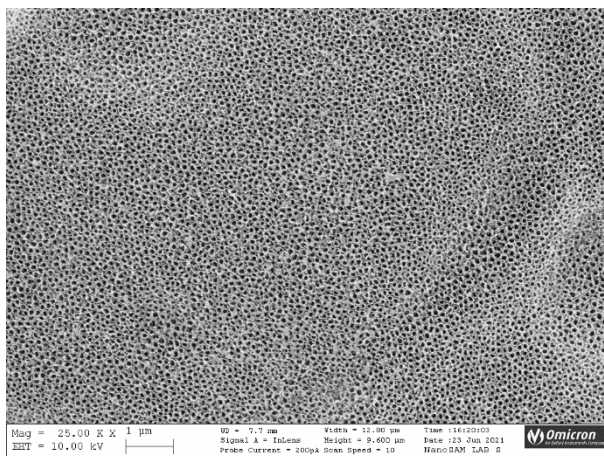


Supplementary file

Influence of Magnesium Content on the Physico-Chemical Properties of Hydroxyapatite Electrochemically Deposited on a Nanostructured Titanium Surface

Cosmin Mihai Cotrut , Elena Ungureanu , Ionut Cornel Ionescu *, Raluca Ioana Zamfir, Adrian Emil Kiss, Anca Constantina Parau, Alina Vladescu, Diana Maria Vranceanu* and Adriana Saceleanu



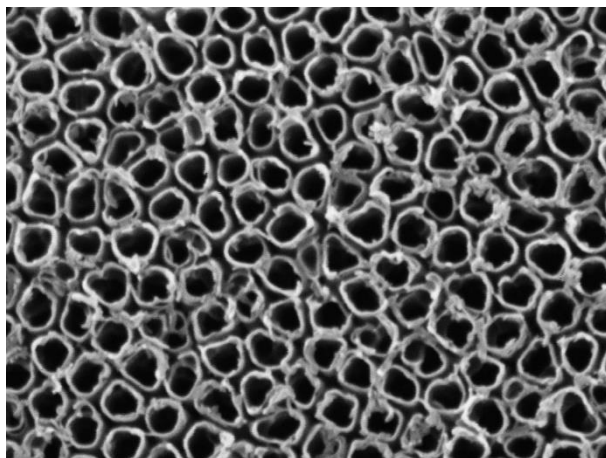
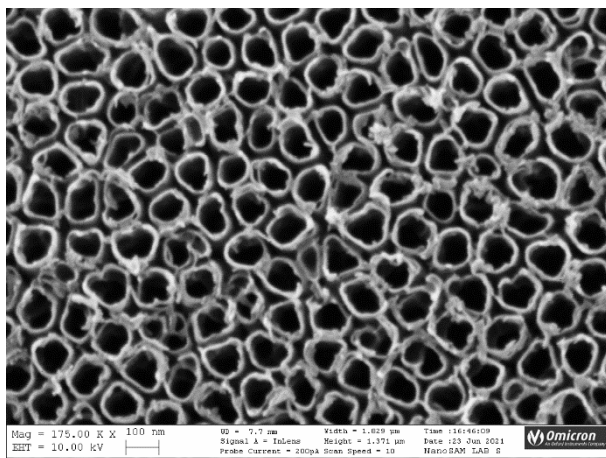
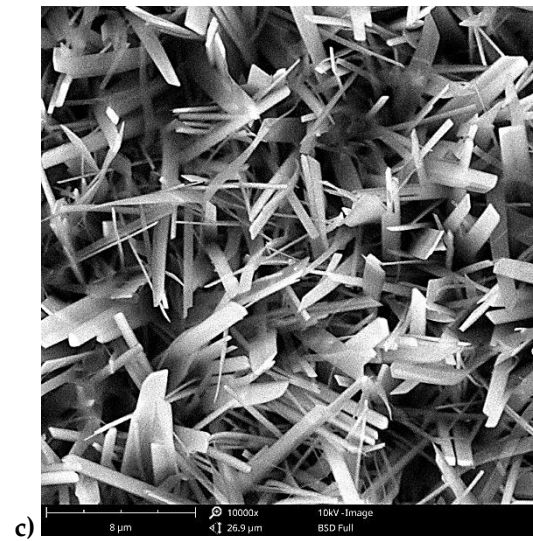
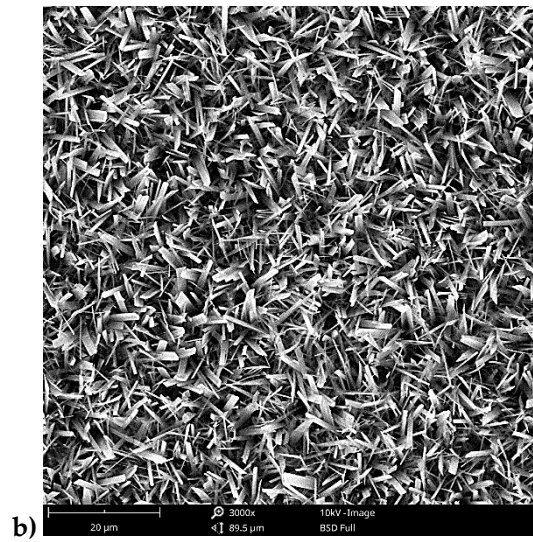
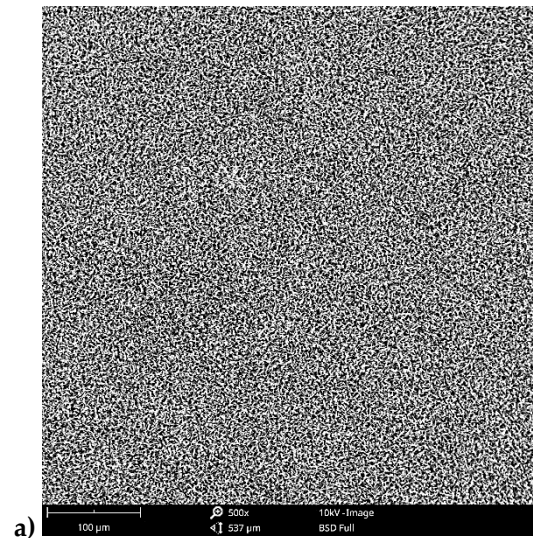
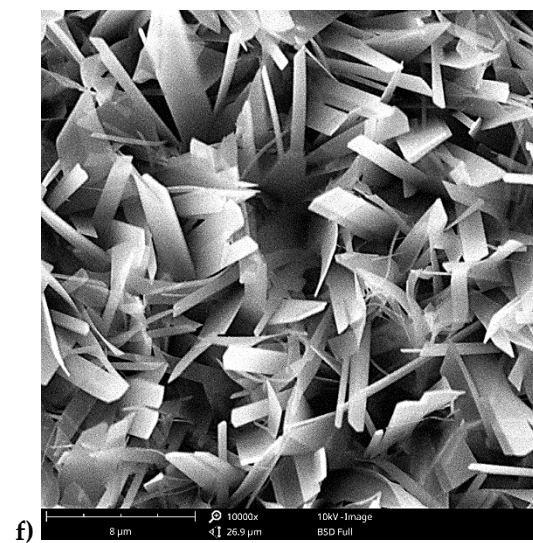
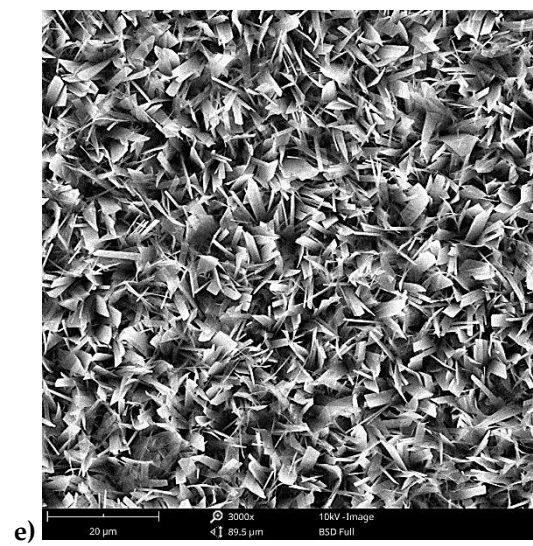
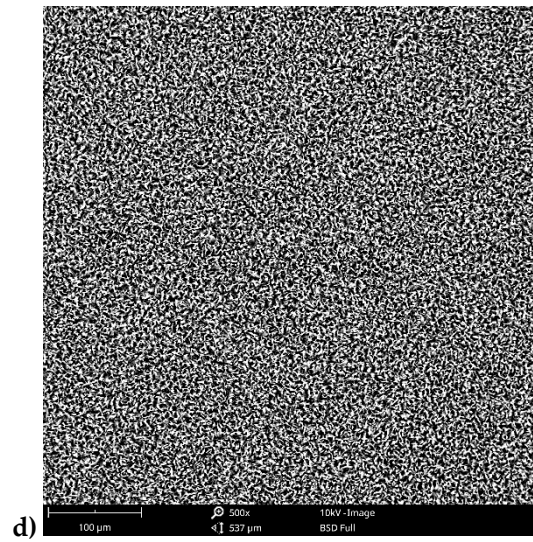


Figure S1. SEM images of the nanostructured surface after annealing (the original SEM images used in Figure 1)

H



H/Mg1



H/Mg2

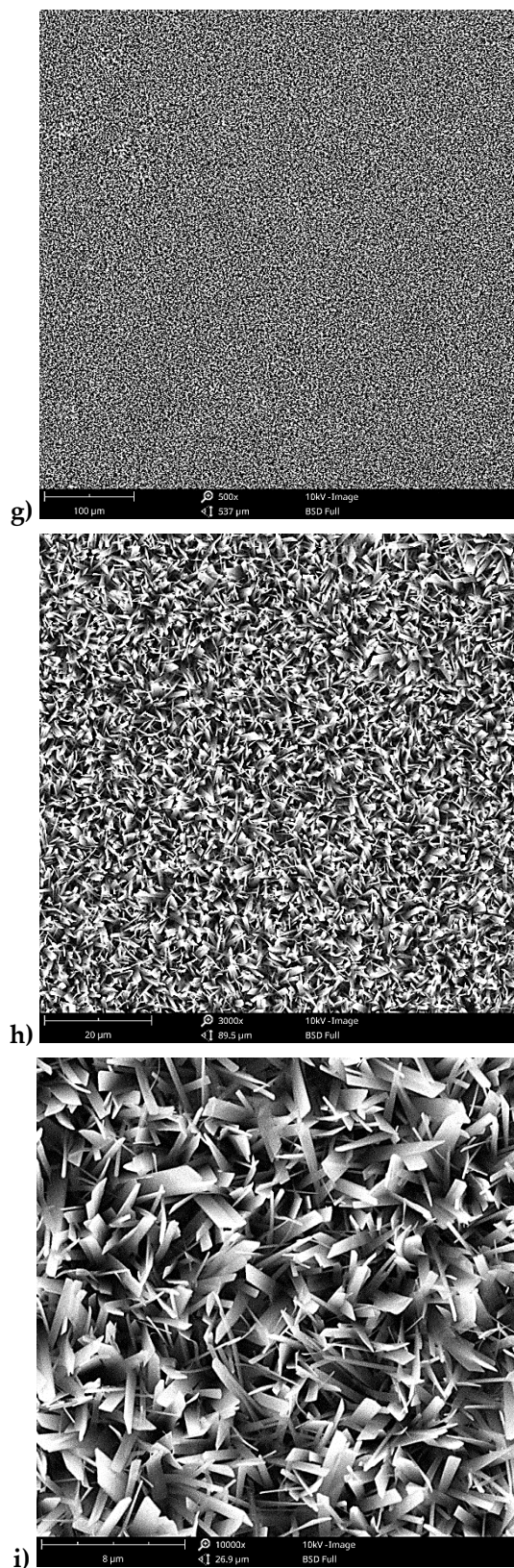


Figure S2. Morphology of the H (a—c), H/Mg1 (d—f) and H/Mg2 (g—i) coatings deposited on the nanostructured surfaces (the original SEM images used in Figure 2)

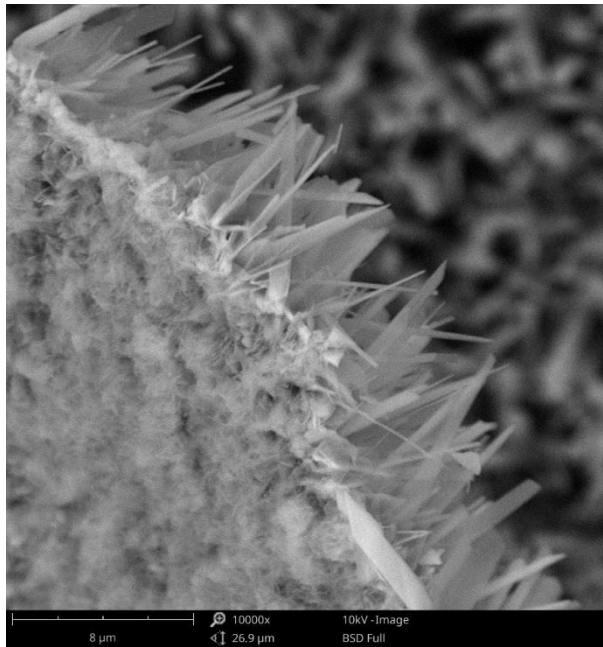
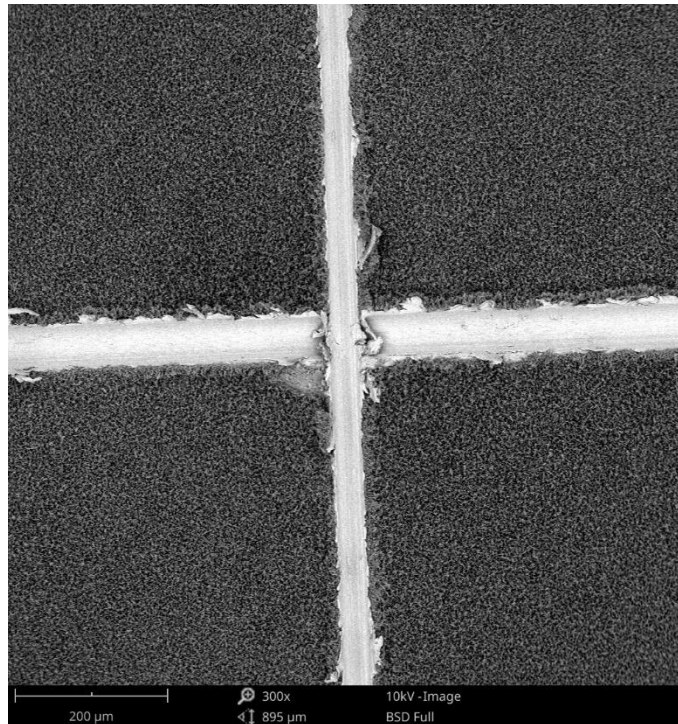
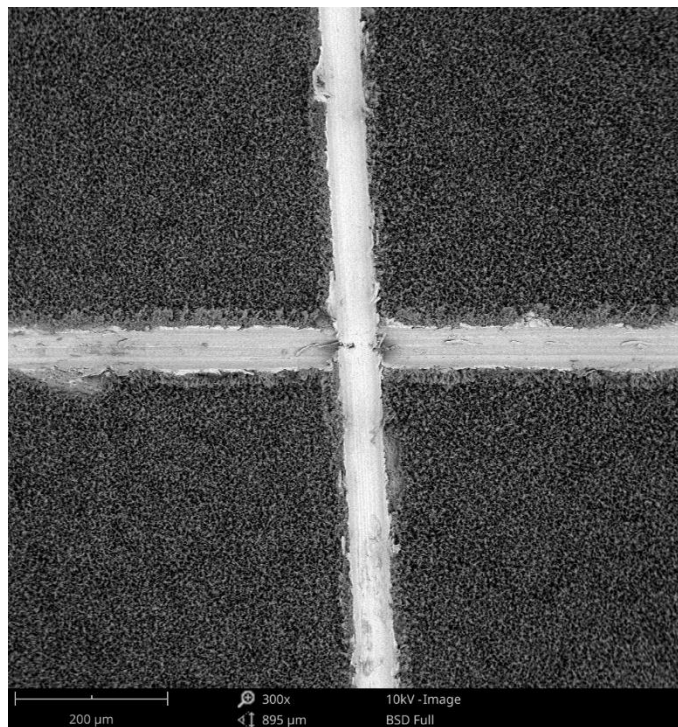


Figure S3. Representative SEM images of the Mg doped HAp coatings (H/Mg2) in section without (a) and with (b) annotations (the original SEM images used in Figure 3)

H



H/Mg1



H/Mg2

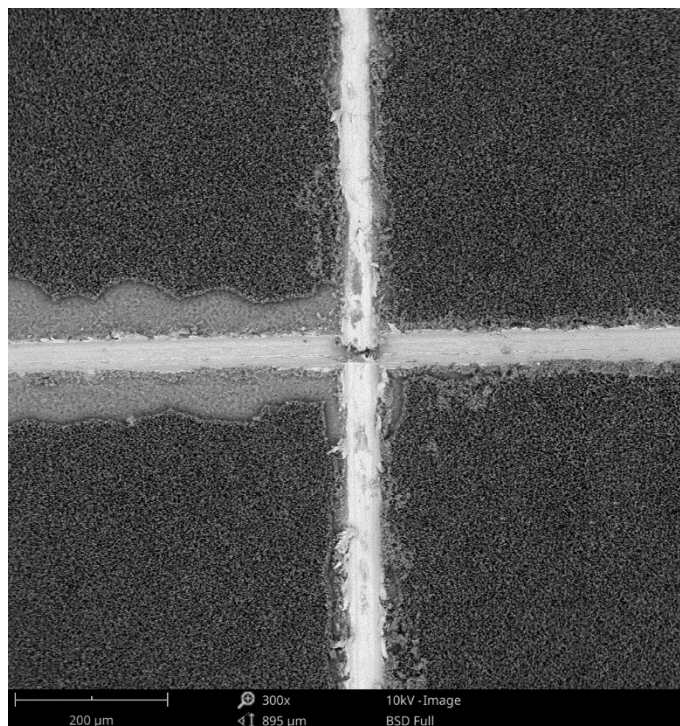


Figure S4. SEM images of the coatings deposited on nanostructured surface after the adhesion test (the original SEM images used in Figure 8)