

## **Electrochemical synthesis of rare earth( $\text{La}^{3+}$ ) doped ZIF-8 hydroxyapatite composite coating for Ti/TiO<sub>2</sub> implant material**

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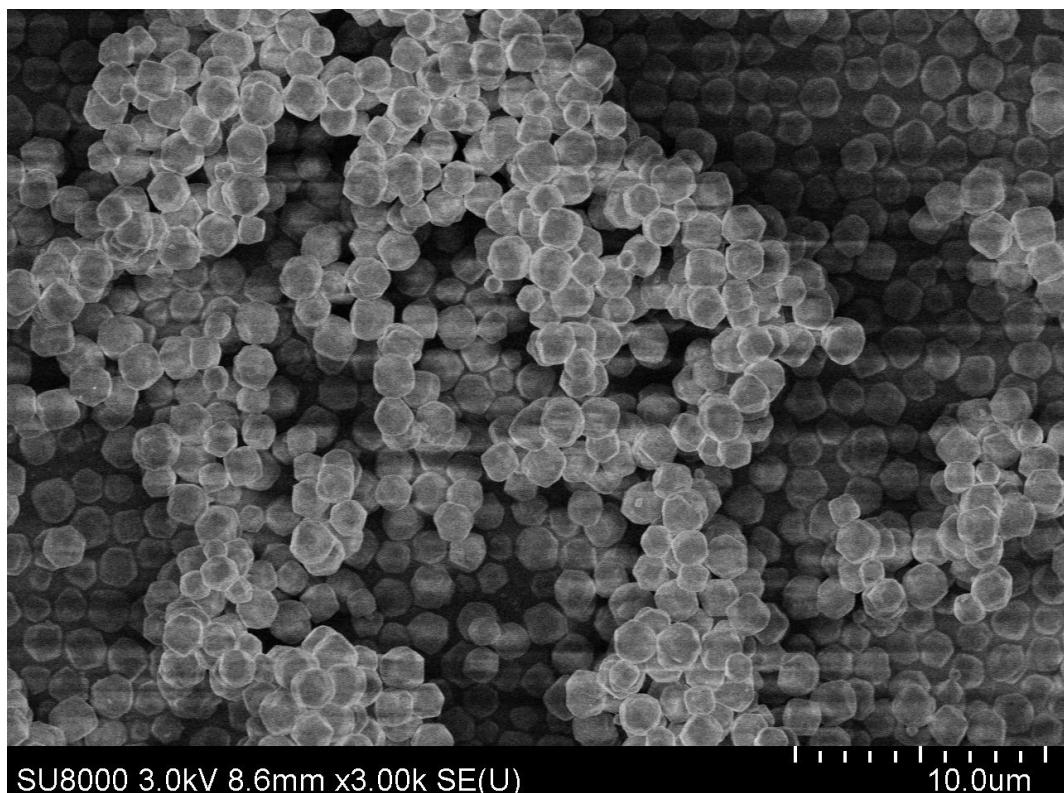
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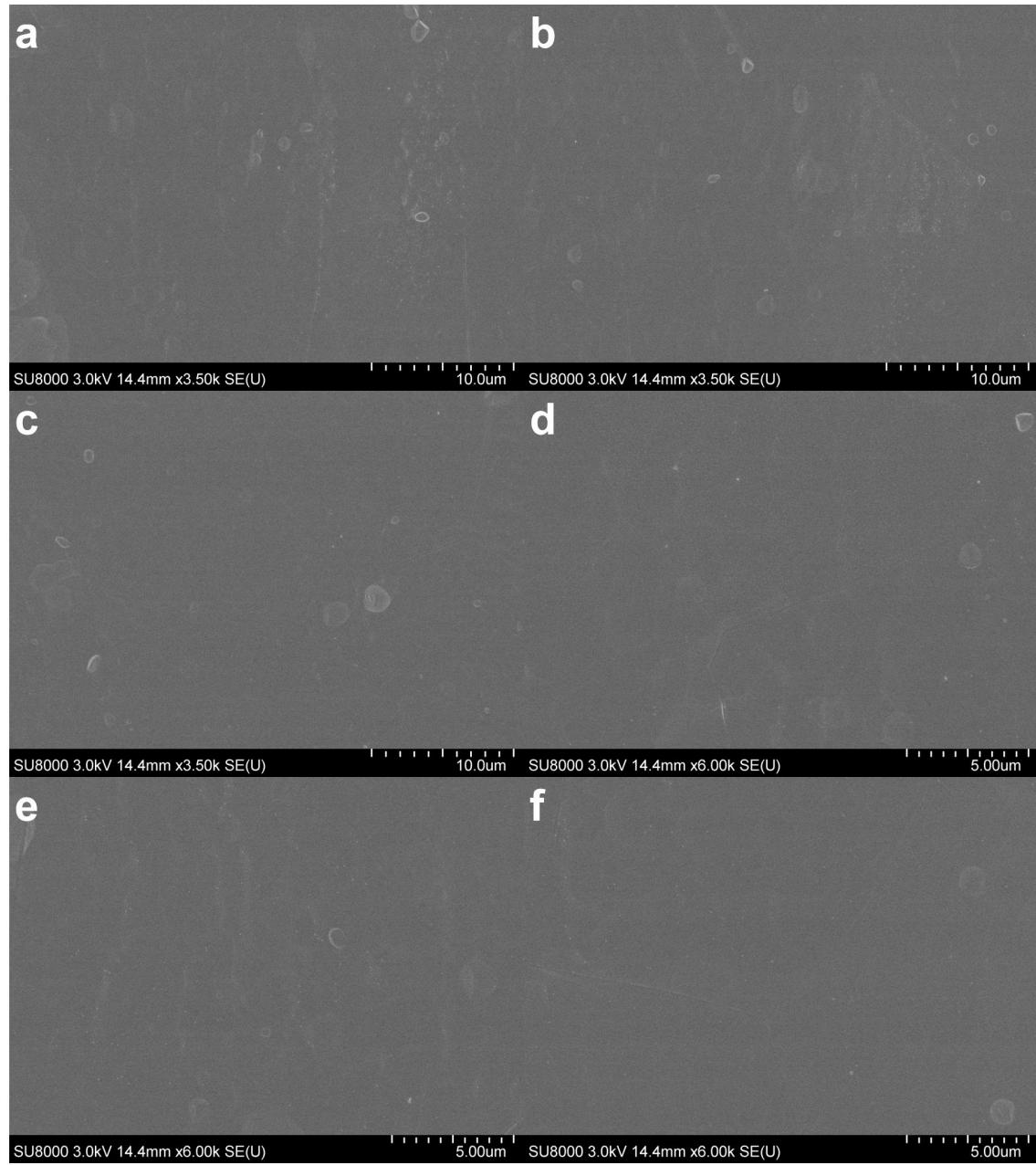
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Ziqi Zhang and Xiang Ni contributed to the work equallly and should be  
regarded as co-first authors.

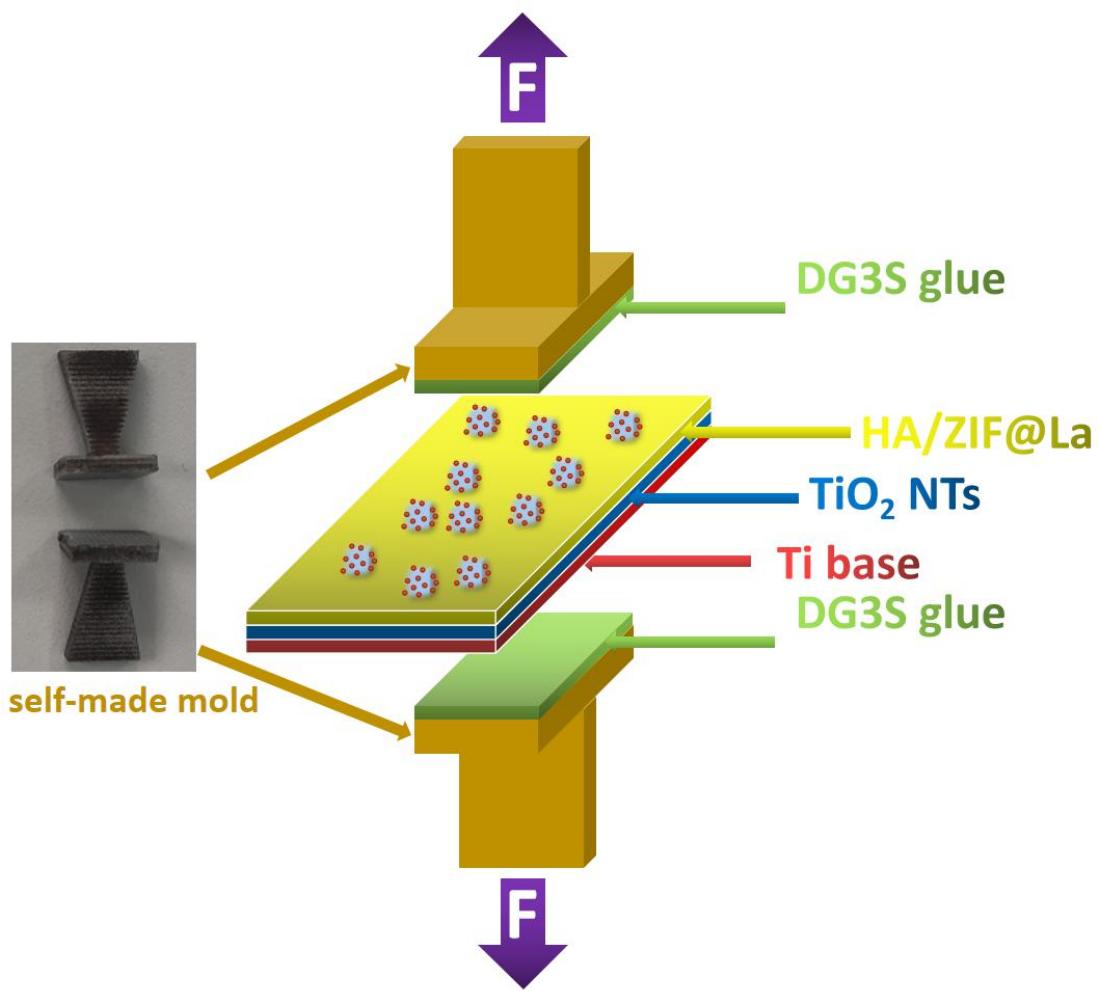
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**Figure.S1** SEM images of ZIF-8 nanoparticles in full view



**Figure.S2** SEM images of bare Ti in different magnification



**Figure.S3** the schematic diagram of the binding strength test