

Interaction between Apatite Nanoparticles and a Phospholipid Bilayer

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Abstract

Apatite nanoparticles are showing good results for the cryopreservation of red blood cells. In this work, we use a microfluidic technique to explore the interaction between these nanoparticles and a model cell membrane. These results may give a better understanding of the adsorption properties, and possible internalization mechanisms, of these nanoparticles with red blood cells.