

Preparation of functionalized Hybrid Nano Particles for Bio Industry

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Magnetic nanoparticles (MNP) with surface modification technology have gained a lot of attention in biomedical and industrial applications due to their chemical and physical properties, easy of surface modification and magnetic properties. Magnetic nanoparticles can be utilized in versatile ways, very similar to those of nanoparticles in general. However, the magnetic properties of these particles add a new dimension where they can be manipulated upon application of an external magnetic field. This property opens up new applications like bio Kit, bio separation, purification and chromatography.

Magnetic nanoparticles can offer a solution to Bio separation and Bio Kit for diseases. In this study we present the how it can make and how it can be use in these industry.