FUNCTIONALIZED Particles

Cube Biotech is committed to delivering customized particle functionalization services that precisely match your specifications and address the unique functionality for targeted applications. With the extensive expertise of our experienced researchers, we tailor solutions according to your specific requirements.

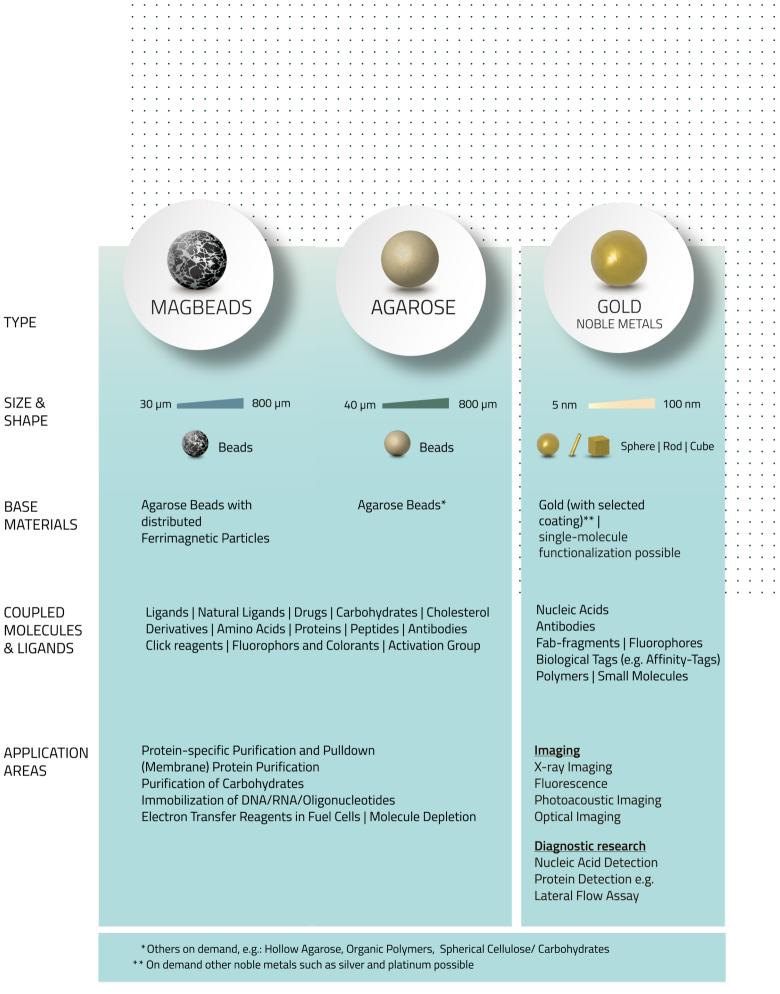
For this, we utilize particles made of different materials, shapes, and sizes. We offer controlled functionalization even with a defined number of biomolecules attached to the particle and provide expertise in the conceptual design of particle constructs.

Our service spectrum encompasses particle functionalization with small molecules, proteins, protein-specific antibodies, and nucleic acids, as well as materials ensuring stability in common buffer systems and offering versatility and adaptability across various applications.

Moreover, our state-of-the-art physicochemical characterization ensures high-quality particles at every stage, from proof-of-principle lab-scale development to production on an industrial scale.

In addition to the established classics like PureCube Agarose Beads and PureCube MagBeads, weboastanarray of other base materials to meet your particular scientific needs. Nanoparticles made of different noble metals (e.g., gold, silver, platinum), characterized by their unique optical and physical characteristics, offer immense potential for innovation in R&D, including (bio) imaging, protein labeling in TEM, lateral flow assays, etc. For additional details, please explore our website www.cube-biotech.com.





Options of particles with our functionalization services