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Market Analysis:

The global nanotechnology market was valued at \$1,055.1 million in 2019, and is projected to reach \$2,231.4 million by 2025, growing at a CAGR of 10.5% from 2019 to 2025. Nano science and nanotechnology are the study of nanoparticles and devices, which find their application across all the science fields such as chemical, bio-medical, mechanics, and material science among others. Nanotechnology market encompasses the production and application of physical, chemical, and biological systems and devices at scales ranging from individual atoms or molecules to around 100 nanometers.

Nanotechnology carries a significant impact, and serves as a revolutionary and beneficial technology across various industrial domains, including communication, medicine, transportation, agriculture, energy, materials & manufacturing, consumer products, and households. Emerging use cases and application is expected to be one of the key factors contributing towards the growth of nanotechnology market size. The U.S. National Nanotechnology Initiative has estimated that around 20,000 researchers are working in the field of nanotechnology. For the UK, the Institute of estimated Occupational Medicine has approximately 2,000 people are employed in new nanotechnology companies and universities where they may be potentially exposed to nanoparticles.

