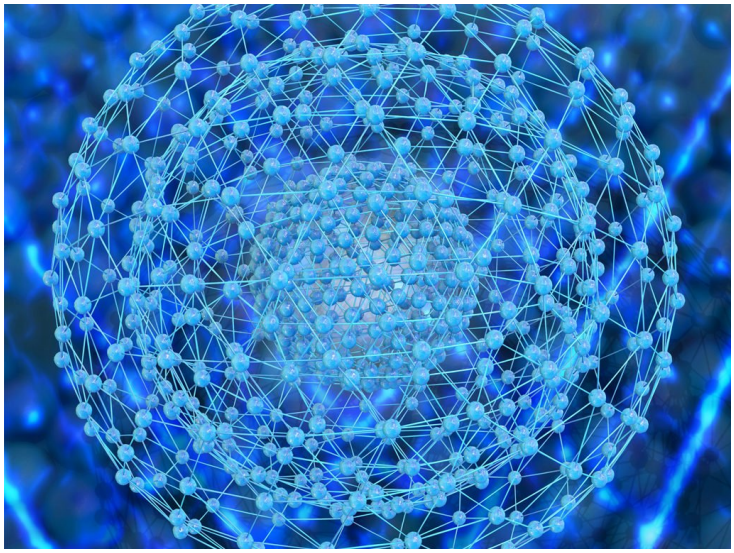
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DBT seeks nanotech interventions in dentistry and bone diseases

07 November 2019 | News

The incidence and severity of bone diseases and dental disease are set to rise in India



The incidence of dental and bone diseases are increasing in India and throughout the world. With the increasing life expectancy and affluence, life style and dietary choices, the incidence and severity of bone diseases and dental disease are set to rise in India.

Nanotechnology Interventions provide a unique opportunity, play a promising role, and has the potential to innovate new generation of diagnostic and therapeutic modalities for dental and orthopaedic related problems afflicting our country.

Hence, R & D Proposals are invited by the Department of Biotechnology (DBT) in the following thrust areas with the aim to encourage the research on the basis of (1) identification of unmet need, (2) novelty and need of nano-inerventions and (3) translational potential of the proposed work.

Nano Interventions in Dentistry:

ï?? Any area pertaining to oral health and dentistry, which include Dental diagnostics, Prosthodontics, Endodontics, Conservative and aesthetic dentistry, Periodontics and Regenerative dentistry etc.

Nano Interventions in Orthopedics/bone disease:

ï?? Infective, metabolic and neoplastic involvement of bone as well as bone tissue engineering.