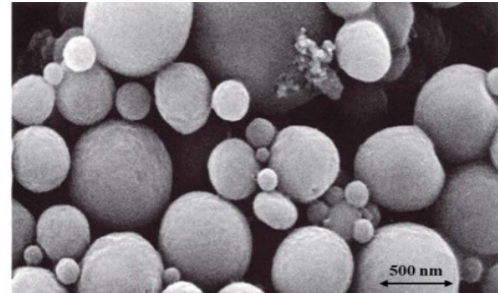


A Process for Green Synthesis and Pharmacological Evaluation of Nanoparticles Impregnated with Manilkara Zapota

> Problem addressed

A green process for synthesis of Poly Lactic-co-Glycolic Acid (PLGA) nanoparticles at room temperature by using seed extracts of Manilkara zapota as reducing/ stabilizing agents and the probable mechanism for the formation of nanoparticles.



> Potential benefits

- Single step synthesis of nanoparticles
- Green synthesis using plant seed
- Non-Toxic & Environmental friendly

> Potential applications

- Treatment of cancer
- Treatment of cardiovascular diseases

> Technology development stage

Proof of concept

> Relevant industry

Medical
Biotechnology
Nanotechnology

> Inventors/ Researchers

1. Dr.S.M.Shaheedha
2. Dr. M.Vijaya Vara Prasad

> IP Status

Indian patent – Granted
Application No – 202141048398
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Technology available for licensing

Contact Us

Mohamed Mustafa

Center for Technology Transfer
Crescent Innovation and Incubation Council,
B.S. Abdur Rahman Crescent Institute of Science and Technology,
GST Road, Chennai - 600048, Tamil Nadu, India
Mobile : +91 9962125645
Email: tto.ciic@crescent.education