

Sri Ramachandra Center for Biomedical Nanotechnology



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Nanobiology laboratory is a part of the Department of Human Genetics and has been in existence since June 2008. The major objective of the laboratory is to test nanomaterials of diverse nature for potential applications in biology and medicine. At the Nanobiology lab, currently 7 projects are ongoing with more than 10 full time research scholars from various institutes. All the projects are collaborative in nature and funded by Govt. of India extramural grants. The centre collaborates with the following Institutes of national & international repute:

- Anna University
- IGCAR Kalpakkam
- National Centre for Nanoscience and Nanotechnology, University of Madras
- ICGEB New Delhi

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2. G. Anjana, M. Gowri, C. S. Ashok Raja, M. Prasath, S. Balakumar, and V. Ganesh. Silver Nanoparticles as a Non Alcoholic Hospital Disinfectant to Combat Nosocomial Pathogens. **J. Bionanosci**. 9, 102-111 (2015).
3. Venkateshbabu, N, Gowri, M, Balakumar, S Ashokraja, C Kandaswamy, D, and Ganesh. V, Disinfection of Dentinal Tubules with Silver Nanoparticles and 2% Chlorhexidine Against *Enterococcus faecalis*. **J. Bionanosci**. 9, 63-67 (2015).
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5. Ranganathan R, Madanmohan S, Kesavan A, Baskar G, Krishnamoorthy YR, Santosham R, Ponraju D, Rayala SK, Venkatraman G. Nanomedicine: towards development of patient-friendly drug-delivery systems for oncological applications. **Int J of Nanomedicine** 2012, 7:1043-1060. **Impact Factor: 4.976.**