

DR. REKHA SANJAY GODBOLE

(NEE NANIVADEKAR)

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Areas of Expertise

- Animal cell culture
- Molecular Biology
- Medical Microbiology
- Epidemiology

Education

- **Ph.D in Chemistry from University of Mumbai (July 2013)**
- "Development and clinico-analytical evaluation of HIV antigens."
- **M.Sc. in Microbiology from University of Mumbai (1996)**
- "Prevalence of Trichomonas and Candida in women with a low socio economic background."
- **B.Sc. in Microbiology from University of Mumbai (1992)**

Professional Abridgement

- **Research Experience:** Worked for more than 17 years in field of research including working in various national and international projects. Initially most of the projects were focused on medical microbiology with the majority of the studies being on HIV/AIDS. **Last ten years the research focus has changed to recombinant DNA technology and molecular diagnostics.**
- **Quality Control:** Operated in quality control department of media manufacturing and pharmaceutical company.
- **Administration:** Functioned as administrative person to identify the needs required for implementation of a national health program and link the program with various international organizations.
- **Teaching:** Conducted lectures, tutorials in Bioanalytical Sciences Department for post graduates and demonstrator for undergraduates for Biotechnology practicals.
- *Short stint in marketing field pertaining to diagnostic kits.*

CAREER ACHIEVEMENTS

Currently working as Senior Scientist, Genotyping Services in Molecular Solutions Care Health (MSCH).

Worked in Indian Institute of Science for 3 years as a post doc –fellow.

Worked in capacity of researcher, quality control personnel, lecturer, administrator in various organizations

A key member for international collaborative projects with University of California, San Francisco and Liverpool School of Tropical Medicine.

Worked on National project from Indian Council of Medical Research

Summary of Key Research Techniques

- ~ Experience of gene expression in different systems- bacteria, yeast and mammalian cell lines.
- ~ Expertise of gene cloning and protein purification.
- ~ Proficiency in tissue culture techniques
- ~ Knowledge of fermentation technology

References

1. **Dr. Alka Gogate, M.Sc. Supervisor, Ex –Head Department of Microbiology, Sion Medical College, Mumbai.**
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2. **Prof Rajan R. Dighe, Professor MRDG Department, Indian Institute of Science, Bangalore .**
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