

Biography:



Dr. Upendra K. Jani

Highly trained and carrier-oriented Ph.D., Microbiology professional presently engaged as Consultant with Hester Biosciences Limited, Ahmedabad.

Has a unique and comprehensive experience (39 Years) in human vaccine, poultry vaccine and antibiotic manufacturing arenas and excellent technical and practical knowledge of various Antibiotics, Human Rabies Vaccine and Poultry Vaccines Manufacturing and their regulations with organization of repute like Cyanamid (I) Ltd., Chemosyn Research Centre, Gujarat Themis Biosyn Ltd., Hoechst (I) Ltd., and Hester Biosciences Ltd.

Possesses a knowledge and understanding for scale-up studies, standardization of various physical parameters, yield improvement, up-stream and down-stream processing using advanced fermentation technology for various antibiotics like, Ledermycin, Tetracycline, Chloro-Tetracycline, Erythromycin, Rifampicin, Sisomicin and plant hormone Giberellic Acid.

Trained in Germany for the production of internationally acclaimed new generation tissue culture based Human Rabies Vaccine and in U.S.A. for the manufacturing of Poultry Vaccines – Egg based, Tissue Culture Origin – live freeze dried and killed inactivated emulsified viral and bacterial vaccines.

Have published numerous scientific papers in reputed journals and presentations in national and international conferences and symposia. Has authored **Book:** *Lactobacillus acidophilus* as a poultry probiotics, Guide to Poultry Probiotics, Published by LAP LAMBERT Academic Publishing, ISBN-13978-3-8473-1545-2, 2011-12-15 and contributed **Book Chapter:** "Good Manufacturing Practices (GMP) : Planning for Quality and Control in Microbiology" in Frontier Discoveries and Innovations in Interdisciplinary Microbiology, Edited by Shukla Pratyoosh, Published by Springer, India(2015), ISBN 978-81-322-2609-3.

Honorary and Life member for various national and international organizations.

Member as an Industry Resource Person for the Board of Studies with Ganpat University, Mehsana, Gujarat and Hemchandracharya- North Gujarat University (HNGU), Patan, Gujarat.

Specialties include, Poultry Vaccines and Probiotics, Human Rabies Vaccine, Antibiotics Fermentations, Freeze Drying, Quality Assurance and current Good Manufacturing Practices.