

Contact

www.linkedin.com/in/raopp

(LinkedIn)

www.ellafoundation.org (Company)

www.researchgate.net/profile/Panduranga_Rao2 (Other)

scholar.google.com/citations

(Other)

Top Skills

Vaccines

Molecular Biology

Biotechnology

Languages

Telugu

Kannada

English

Certifications

Peer Review and How to Deal With It

Writing your Manuscript

Peer reviewing a scientific manuscript

Scientific English

Honors-Awards

Best Services Award

Best Services Award

Letter of appreciation

Junior Research Fellowship

Merit Scholarship

Publications

Differentiation of *Staphylococcus aureus* and *Staphylococcus epidermidis* by PCR for the fibrinogen binding protein gene.

Sequences of genes encoding type-specific and group-specific antigens of an Indian isolate of bluetongue virus serotype 10 (BTV-10) and implications for their origin.

Panduranga Rao Pavuluri

Associate Vice President at Biovet Pvt Ltd, Bangalore India.

Hyderabad Area, India

Summary

Started career as a Veterinarian in the Government of Andhra Pradesh, joined Sri Venkateswara Veterinary University (on invitation), Hyderabad to establish biotechnology labs and Masters program in biotechnology. Later, joined Ella Foundation (then Bharat Biotech Foundation), involved in developing of facilities and research programs. Involved in writing and execution of several national and international collaborative research projects. Awardee of Bill and Melinda Gates Foundation's Grand challenges explorer innovative research project. Involved in development of vaccines for both human and animals. Closely involved in development of analytical tests for vaccines and biologics for vaccine and contract research industry.

Experience

Biovet Pvt Ltd, Bangalore India.

Associate Vice President

April 2018 - Present

Malur

Ella Foundation

Group leader

April 2014 - Present

Hyderabad, Telangana, India

Project writing, competing for research grants from various funding agencies

Establishment of research collaborations

Guiding a group of researches in the area of vaccine development, development of biologics, development of biological assays, epidemiology of infectious diseases.

Managing the research projects, preparation of reports

Publication of research findings

Science writing and Peer reviewing for scientific journals

Advise to industry on product development and testing

Member secretary of Institutional biosafety committee

Isolation and Complete Genome Sequencing of Bluetongue Virus Serotype 12 from India.

Type-specific seroprevalence of bluetongue in Andhra Pradesh, India, during 2005-2009.

Deep sequencing as a method of typing bluetongue virus isolates.

Patents

Vaccine composition for prophylaxis in ruminants

Ella Foundation

Senior Scientist

July 2010 - March 2014 (3 years 9 months)

Project writing, Competing for research grants from various funding agencies, Guiding a group of researches in the area of vaccine development, development of biologics, development of biological assays, epidemiology of infectious diseases.

Managing the research projects, preparation of reports

Publication of research findings

Science writing and Peer reviewing for Scientific journals

Advise to industry on product development and testing

Member secretary of Institutional biosafety committee

Member Biosafety and Animal ethics committees

Training the employees biosafety and security

Ella Foundation

Scientist

September 2006 - June 2010 (3 years 10 months)

Establishment of laboratories

Project writing

Training and guiding of the researchers

Advise and guidance to students of Medical and Veterinary colleges

Review of Common technical documents for vaccines for an industrial partner

Member, Institutional Biosafety committee, Ella Foundation, Hyderabad, India

Training on Biosafety in laboratories

Member Institutional Animal Ethics committee, Biovet Private Limited, Bengaluru, India

Sri Venkateswara Veterinary University

Assistant Professor

2003 - 2006 (4 years)

College of Veterinary Science, Hyderabad, India

Established Veterinary biotechnology laboratory

Established virology laboratory

Isolation of bluetongue virus from sheep

Development of vaccines and diagnostics for Bluetongue.

Accredited to teach postgraduate courses at Sri Venkateswara Veterinary University, taught and guided postgraduate and PhD students of Biotechnology and Microbiology

Imparted internship training to MSc Biotechnology students

Training and guiding MD student of NTR Health University in molecular biology and virology.

Taught Biotechnology course for BVSc students, internship training to BVSc students

Imparted summer/ internship training to B. Tech (Biotech) students

In-service training: Imparted training on various aspects of disease diagnosis, control to in service veterinarians at District Animal Husbandry Training Centers and State management institute for livestock development in Andhra Pradesh (SMILDA),

GLP training for biotech industry

Training scientists from Veterinary biologicals and research institute, Hyderabad on virus isolation and diagnosis tests

Govt. of Andhra Pradesh

Veterinary Assistant Surgeon

September 1995 - 2003 (8 years 4 months)

Andhra Pradesh

Field Veterinarian involved in disease diagnosis and control of infectious diseases.

Worked as In-charge of Veterinary Assistants training center, Eluru, Andhra Pradesh, India. Organized one year certificate course in Animal husbandry activities for Para-veterinarians.

Imparted training for in-service para-veterinarians on various aspects of animal husbandry, disease controls and breeding programmes at District Animal Husbandry Training Centers (DAHTC).

Imparted training for Gopalmitra (Lay insemination) on various animal husbandry activities and artificial insemination in cattle and buffaloes.

Attended several outbreaks and identification of causative agents.

Identification of cause of Allergic Mastitis in buffaloes by electron microscopy and PCR.

Education

Jawaharlal Nehru Technological University

Doctor of Philosophy (Ph.D.), Biotechnology · (2008 - 2015)

Indian Veterinary Research Institute

MVSc, Veterinary Biotechnology · (1992 - 1995)

College of Veterinary Science Tirupathi, APAU

B.V.Sc, Veterinary science · (1987 - 1992)