

8th Indo Global summit and Expo on **Vaccines, Therapeutics & Healthcare** November 02-04, 2015 HICC, Hyderabad, India

Livestock and poultry vaccines developed by TANUVAS

Mannu Babu

Tamil Nadu Veterinary and Animal Sciences University, India

Tamil Nadu Veterinary and Animal Sciences University, Chennai, India, is actively engaged in developing biologicals for livestock and poultry health to augment productivity. Over the years TANUVAS has developed inactivated Johne's disease (JD) vaccine using intermediate strain; heat killed *Myco. avium* subsp. paratuberculosis vaccine with Chitosan adjuvant for cattle, sheep and goat; inactivated *Leptospirosis* vaccine for cattle; Multivalent Blue Tongue (BT) vaccine with Montanide adjuvant; biofilm vaccine for sheep parteurellosis with montanide adjuvant; homologous vaccine for *Peste des petits* (PPR) ruminants; BEI inactivated classical swine fever (CSF) vaccine and PK-15 cell adapted live CSF vaccine with montainde adjuvant. For poultry TANUVAS developed inactivated fowl cholera vaccine with aluminium hydroxide gel adjuvant; vero cell adapted heat killed Newcastle disease (NCD) vaccine with aluminium hydroxide gel adjuvant; nano vaccine for NCD with calcium phosphate adjuvant; D52 oral pellet NCD vaccine, inactivated infectious bursal disease (IBD) vaccine and inactivated Hydropericardium syndrome (leechi disease) vaccine for chicken. For Japanese quails TANUVAS has developed *Manhemia haemolytica* vaccine with aluminium hydroxide gel adjuvant. Few TANUVAS vaccine technologies viz., BT vaccine, NCD vaccine, Fowl Cholera vaccine, PPR vaccines were sold to private firms for commercialization. Over 5 lakh dose of NCD oral pellet vaccine prepared and distributed to immunize desi chicken free of cost. TANUVAS is continuously engaged in developing need based vaccines for livestock and poultry.

Biography

Mannu Babu earned his PhD in 1993 from TANUVAS. He studied PG Diploma in Personnel Management and Labor Law. Currently he is serving as Director, Centre for Animal Production Studies, TANUVAS, Chennai. He has implemented Government of India sponsored agro-forestry with livestock integration and rural women empowerment through desi chicken rearing schemes. Now he is monitoring and advising 7 research stations of the University. He has filed 3 patents on rural women friendly technologies. He has co-authored 2 books and published more than 60 research papers. He also serves as Member, Executive Committee of State Livestock Development Agency and Management Committee of CIARI, Port Blair.

drbabum@gmail.com

Notes: