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Dr. Shantanu Tamuly has been working as an Assistant Professor in the Department of Veterinary Biochemistry, College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati since 2011. He completed his M.V.Sc (Animal Biotechnology) and Ph.D. (Veterinary Biochemistry) from Govind Ballabh Pant University of Agriculture and Technology, Pantnagar, Udham Singh Nagar, Uttarakhand in the year 2005 and 2011, respectively. During his doctoral studies, he worked under the guidance of Dr. Mumtesh Kumar Saxena (Professor) on the topic "Comparative evaluation of recombinant OMP87 protein complexed with calcium phosphate nanoparticles against *Pasteurella multocida* in mice". He was a recipient of CSIR-SRF for pursuing his Ph.D. degree program.

Dr. Tamuly is currently working in the field of oral vaccine delivery system. His team has optimized the synthesis of poly(anhydride) nanoparticles, calcium phosphate nanoparticles, aluminium hydroxide nanoparticles and poly-lactide co-glycolide nanoparticles. He has successfully completed one DBT-funded research project entitled “Development of Nanoparticle or Microparticle Adjuvanted Subunit Oral Vaccine against Poultry Salmonellosis”. Under this project, his team standardized the synthesis of poly(anhydride) nanoparticles and chitosan nanoparticles and poly-lactide co-glycolide microparticles in collaboration of Dr. Devashish Chowdhury (Institute of Advanced Study in Science and Technology, Boragaon, Guwahati) and Dr. Hemanta Koley (National Institute of Cholera and Enteric Diseases, Kolkata). In another project funded by DBT-AAU Centre, his team has evaluated the efficacy of outer membrane proteins of *Pasteurella multocida* of capsular types A and D conjugated with calcium phosphate nanoparticles, poly-lactide co-glycolide microparticles and aluminium hydroxide nanoparticles in mice to be used for protection against swine pasteurellosis. He got an opportunity to work as a visiting scientist in Vaccine and Infectious Disease Organization-International Vaccine Centre, Saskatoon, Canada for a period of six months being awarded an Overseas Fellowship from DBT, Govt. of India in the year 2018. During this period, he worked in genome engineering of *Salmonella* in the lab of Dr. Aaron P White (Research Scientist). In addition to this, he is also involved in the collaborative research works of the Department of

Veterinary Pharmacology and Toxicology, College of Veterinary Science, Khanapara in the field of nanoparticle based delivery system for herbal drug formulations.

Details of M.V.Sc/ Ph.D. scholars under the supervision/co-supervision of Dr. Shantanu Tamuly

S. No.	Name of the student	Title of the thesis (M.V.Sc/ PhD)	Supervision/ Co-supervision
1.	 Dr. SongyuktaShyam	Evaluation of calcium phosphate nanoparticles as adjuvant for outer membrane protein vaccine of porcine *Pasteurella multocida* (M.V.Sc.)	Supervision
2.	 Dr. HaladharPegu	Development of *Pasteurella multocida* bivalent outer membrane protein based vaccine entrapped in aluminium hydroxide nanoparticles and evaluation of its immune response in mice (M.V.Sc.)	Supervision
3.	 Dr. Rakesh Kumar Sarma	Development and evaluation of immunopotency of outer membrane vesicles vaccine of *Salmonella* Typhimurium adjuvanted with chitosan nanoparticles (M.V.Sc.)	Supervision
4.	 Dr. Suraksha Subedi Deka	Evaluation of efficacy of whole outer membrane protein of *Salmonella* Typhimurium adjuvanted with calcium phosphate nanoparticles as vaccine candidate against salmonellosis in chicken (Ph.D.)	Co-supervision

S. No.	Name of the student	Title of the thesis (M.V.Sc/ PhD)	Supervision/ Co-supervision
5.	 Dr. Dipankar Hazarika	Toxicological analysis of Nanoparticles and Microparticles used as oral vaccine delivery systems for poultry (Ph.D.)	Supervision
6.	 Dr. Menguizotunuo Solo	Optimization of cultural conditions for maximum production of outer membrane vesicles from *Salmonella* Typhimurium (M.V.Sc.)	Supervision