



## Prof. Juan Mosqueda

Professor

Autonomous University of Queretaro, Mexico

Juan Mosqueda is a veterinarian and currently works at the Autonomous University of Queretaro in Mexico, where he is a Full-Time Professor in the Department of Veterinary Medicine for the past ten years. He teaches immunology and bioinformatics and is responsible for the Immunology and Vaccines Laboratory.

Since 1993 he has studied bovine babesiosis in the National Center for Disciplinary Research in Veterinary Parasitology, a Mexican government research center. There, he contributed to the development of attenuated live vaccines for *Babesia bovis* and *B. bigemina* cultured in vitro. Juan obtained his PhD at the Department of Veterinary Microbiology and Pathology in the College of Veterinary Medicine at Washington State University in USA. His main research interest is understanding mechanisms of infection that can be used as vaccine targets for tick-borne parasites, as well as developing diagnostics test to improve pathogen detection. In recent years, he has included other pathogens and the ticks in his research studies under the theme One Health.

Currently he is an OIE-designated expert for babesiosis and anaplasmosis for the National Reference Laboratories in Mexico. He is the past President of the Mexican Society for Veterinary Parasitology for the period 2014-2017.