

## **Jesús Manuel Palomino**

Jesús Manuel Palomino earned his bachelor's degree in veterinary medicine from the Universidad Nacional Mayor de San Marcos (Lima, Peru). Driven by a deep interest in animal reproduction and livestock productivity, Palomino pursued graduate studies at the University of Saskatchewan (Saskatoon, SK, Canada), where he completed both his MSc and PhD degrees, specializing in assisted reproductive technologies and veterinary biomedical sciences. The results of his studies have contributed to improving our understanding of reproductive physiology in wood bison and advancing reproductive technologies for this species. In addition, Palomino's postdoctoral research at the University of Guelph (Guelph, ON, Canada) focused on developing protocols for *in vivo* and *in vitro* embryo production in wood bison. As a result of his work, Palomino was the leading author of "Chapter 8: Bison" in the fifth edition of the *IETS Manual*.

In 2017, Palomino was awarded a Mitacs Scholarship to pursue a postdoctoral fellowship at Université Laval (Quebec City, QC, Canada) in collaboration with the dairy cattle industry, to improve protocols for preparing recipients for embryo transfer. Due to his excellent results, he was hired as a reproductive specialist at Boviteq Inc. (Semex; Saint-Hyacinthe, QC, Canada), where he customized individual superstimulation protocols for oocyte donors and performed embryo transfer, ovum pickup, pregnancy diagnosis, and fetal sexing in dairy heifers.

Palomino has been a professor at the Veterinary Medicine School at the Universidad Científica del Sur (Lima, Peru) since 2022. His research focuses on developing reproductive technologies to investigate genes related to the maternal recognition of pregnancy in alpacas. He was recently awarded a ProCiencia Grant, the most prestigious research funding in Peru, to isolate and characterize extracellular vesicles from the oviducts of alpacas. Palomino teaches postgraduate courses in reproductive physiology and reproductive technologies in bovines. Additionally, he consults on reproductive cases in various livestock herds and advises and supervises veterinary colleagues on ultrasound diagnosis in cattle, sheep, goat, and camelids.

Palomino has been an active member of IETS since 2010, beginning as a trainee and later becoming a full member. He was elected as a Morulas governor from 2015 to 2016, where he secured funding from Vetoquinol to sponsor the mentor's luncheon at the 2016 IETS Annual Conference. Later, Palomino served on the Local Organizing Committee for the 2023 IETS meeting in Lima, Peru, which is remembered for its excellent pre-conference workshop and outstanding closing party. Overall, Palomino has attended 24 IETS meetings and served as an abstract reviewer for nearly all of them. In his statement, he said, "IETS has not only helped me to expand my knowledge and skills in reproductive technologies but has also helped me to connect with more experienced colleagues who have supported me in focusing on finding my research priorities." He now seeks to join the Board of Governors to contribute to the continued development of our society for future generations.