



DR. HORACIO GUITOU

**Dr. Horacio Guitou, M.Sc., PhD (Arg)**

Genetic Advisor of the Animal Breeding Unit at the Argentine Angus Association - Since 1989 in charge of the Angus National Cattle Evaluation Program. During 39 years, since 1977 until November 2016, he has been a researcher at the Institute of Genetics, INTA-Castelar (National Institute of Agricultural and Technology).

Previously, he began his academic career as professor at the School of Agriculture of the University of Buenos Aires (UBA). Simultaneously to his work as researcher, he was professor of Quantitative Genetic in the Argentine Catholic University (UCA) for ten years. He is also professor of Animal Breeding at the University of Salvador (USAL).

He graduated as Agricultural Engineer at the UBA. Later he obtained his M.Sc. and Ph.D. in Animal Breeding at Iowa State University (ISU), with a "minor" in Statistics. He permanently seeks for scientific update in different Universities such as the University of Nebraska (USA) and the University of Guelph (Canada), among other institutions of higher education.

His first studies were directed to maximize beef production, on the basis of crossbreeding among different cattle breeds in subtropical areas. Since 1985, his work has been devoted to the implementation of national cattle genetic evaluation programs for different breeds. Since 1989, he has been responsible for the ERA Program (Evaluación de Reproductores AnGus – AnGus Cattle Evaluation) of the Argentine AnGus Association. These evaluations are based on the prediction of classical EPDs. However, his current efforts are focused on Enhanced EPDs with molecular information in order to obtain more accurate EPDs in young sires.

Consequently, since 2013 he began to build the ``Training Population``. Since 2019, the Angus National Cattle Evaluation Program will start to use the one-step approach in order to get the Enhanced EPDs by molecular information.