

Dr. Lillianne Ganges

Principal investigator in the Animal Health Research Centre (CReSA) in the Institute of Agrifood Research and Technology (IRTA), Barcelona, Spain

Dr. Lillianne Ganges is Principal investigator in the Animal Health Research Centre (CReSA) in the Institute of Agrifood Research and Technology (IRTA), Barcelona, Spain. Likewise, Dr. Ganges is a World Organisation for Animal Health (WOAH) recognized classical swine fever (CSF) reference expert and head of the WOAH CSF Reference Laboratory in IRTA-CReSA, Spain. Has extensive experience working with viruses that cause transboundary diseases. Bachelor in Veterinary Medicine in 1995, master's degree in microbiology in 2000 and Doctor in Science (PhD) in Molecular Biology and Biochemistry in the Autonomous University of Madrid, Spain in 2004. From 2004 to 2006 had a contract associated with a H2020 European project working in the design of a novel vaccine strategy against foot-and-mouth disease virus (FMDV), in the Animal Health Research Center (CISA-INIA), Valdeolmos, Madrid. From 2006 to 2008 was awarded with a postdoctoral contract from the Juan de la Cierva Program, from the Spanish government, with which she joined to the Biotechnology department in the National Institute of Agricultural and Food Research and Technology (INIA), Madrid.

Dr. Ganges get in 2008 the permanent position as researcher in IRTA-CReSA in Barcelona. Her studies focused on the immunology, pathogenesis, vaccine and diagnostic tools design, evolution of relevant viruses in animal health, including CSF virus (CSFV), African swine fever virus (ASFV), swine influenza, FMDV, among others. Dr. Ganges has directed five doctoral theses; two of them selected as Extraordinary Doctorate award from the Autonomous University of Barcelona. At present is directing another two. During her career has participated in 25 research projects, including one granted by FAO and three H2020. She has been principal investigator of eight research projects, including four of the Spanish Ministry of Science and Innovation and one funded by the United States Department of Agriculture (USDA). In total, she has more than 70 SCI scientific papers, 35 of them from 2017 at present, an index h 27 and recently filed two patents. She has several scientific cooperation agreements signed with international institutions for the development of new tools for the control of viral diseases that affect swine. Dr. Ganges has been a professor of the Master of Virology at the Complutense University of Madrid since 2008. She has participated in international scientific committees (CaribVET; Academic committees in China, Taiwan, etc.). She has carried out various consultancies for the CSF control in different countries in Central, South America and Asia. Awarded with the most impactful scientific result of the year (Academy of Sciences of Cuba in 2020). Dr. Ganges was the chair of the 14th EPIZONE International Meeting in Barcelona, 2022. Also has coordinated the first WOAH Interlaboratory trial for CSF and ASF with national reference laboratories in the countries of the Americas (2022-2023). Dr. Ganges has participated in various WOAH Ad hoc groups for the revision and update of the CSF Chapter in the WOAH Manual and for CSF international status.