

Marie-Pierre Sanchez

Marie-Pierre Sanchez is a senior engineer at INRAE-GABI in France, where she has been employed since 2000. With a background in quantitative genetics, she initially focused on pig genetics before joining the Bovine Genetics and Genomics team (G2B) in 2012.

Between 2016 and 2019, Marie-Pierre completed her Ph.D., which centered on "Genetic analysis of milk protein composition and cheese-making properties predicted from MIR spectra." Her doctoral research reflects her commitment to exploring the practical applications of genetics in the context of dairy products.

Marie-Pierre possesses extensive experience in genome-wide association studies, showcasing her proficiency in unraveling the genetic basis of complex traits. Her professional journey has recently led her to explore the field of epigenetics, where she investigates the intricate relationships between genes and their regulatory mechanisms.

She actively participates in significant projects such as the H2020 BovReg and RUMIGEN projects, often assuming leadership roles. Additionally, she contributes to various research initiatives, including the co-supervision of Ph.D. students studying the interplay between genetics and epigenetics or microbiota, and the concept of the pangenome.

She has published 41 scientific articles, h-index = 19.