

Dra. Anna Aris Giralt



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Scientific Researcher in Ruminant Production (IRTA)

Anna Arís Giralt graduated as Biologist in 1997 with a specialty in Microbiology at the UAB (Spain). She obtained her PhD in Advanced Biotechnology at the UAB, carrying out his doctoral thesis in the laboratory of Applied Microbiology of the Institute of Biotechnology and Biomedicine, UAB. In 2003 he defended his doctoral thesis on the development of new chimeric proteins for applications of gene therapy. She then began a post-doctoral period as a lecturer in the Department of Genetics and Microbiology at the UAB and continued her research based on studies of production of functional proteins in gene therapy, development of biosensors and studies of protein nanoclusters in *Escherichia coli*. At the end of 2006 he started a 2-year postdoctoral period as a researcher Juan de la Cierva in the Ruminant Production Department of the Institute of Agri-Food Research and Technology (IRTA) to put into operation a new laboratory of microbiology and molecular biology with applications to the production of ruminant animals. So far she has continued her research career in the same department carrying out different research projects applied to improve health, welfare and production in the field of beef and dairy cow. She is responsible for studies developing new recombinant proteins and probiotics with potential to prevent infections as modulators of the immune system and as new generation of safety antimicrobials applied to cattle, with a relevant experience in mammary gland and uterine infections.