

Pascal Croiseau

I have been working at INRAE since 2008 in the Animal Genetics Department, in the Bovine Genetics and Genomics Team of the GABI Unit. I am a quantitative geneticist and am involved in the set-up and development of genomic evaluations in bovine animals. After being involved in the implementation of genomic evaluations for major dairy breeds and then for regional dairy breeds, I am now interested in the implementation of genomic evaluation models incorporating biological information (functional annotations in the broad sense) using Bayesian models or, more recently, machine learning approaches (H2020 BOVREG projects and the DigitBio GeniaLearn meta-programme project). I am also working on the implementation of genomic evaluation for continuous crossing (H2020 GenTore project and APISGENE EvaGenoC project). Finally, I am also interested in maintaining diversity in populations under genomic selection and taking genetic load into account in genomic evaluations (SelGen GDivSelGen metaprogramme project and H2020 RUMIGEN project).