



Bertrand MÉDA

Research scientist,
INRA

Curriculum Vitae

Education

2004-2008: Agricultural engineer specialized in Animal Sciences. Agrocampus Ouest, Rennes, France. 2008-2011: Ph.D in Animal Sciences with the thesis "A dynamic approach of nutrients and energy flows in poultry rearing systems: Conception and application of the model MOLDA-VI". Agrocampus Ouest, Rennes, France.

Expertise

Systemic approaches

Modelling of poultry production systems

Evaluation of environmental sustainability (Life Cycle Assessment)

Research Activities

Dr B. Méda is a Research Engineer in the INRA Poultry Research Unit. His current research activities focus on the consequences of new feeding strategies (e.g. crude protein reduction using feed-grade amino acids) and the use of new feedstuffs in diets (e.g. sunflower meal, faba bean...) on the sustainability of broiler production systems, with a special emphasis on protein self-sufficiency in France.

To that purpose, within the "AliSé" team (Animal Feeding and Livestock Systems) composed of nutritionists, he develops model at different scales (animal, farm) and uses methods such as Life Cycle Assessment (LCA) to evaluate the sustainability of production systems. He is currently taking part in several national and international projects on broiler nutrition. Especially, in the European H2020 Feed-a-Gene project, he is working on the development of precision feeding strategies for broilers.