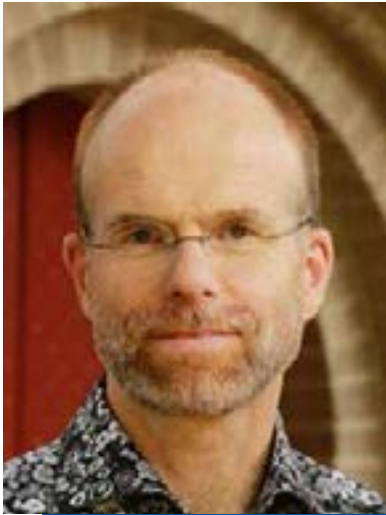


Curriculum Vitae



Paul BIKKER

Senior scientist,
Wageningen University & Research

Paul Bikker is a senior researcher at Wageningen University & Research.

He has ~25 years of experience in scientific and applied research in the nutrition of pigs and consultancy for the feed industry. His main areas of interest and expertise include the requirements and metabolism of amino acids, minerals (calcium and phosphorus) and trace elements (copper and zinc) in pigs.

The research includes the evaluation of (novel) feed ingredients for use in animal diets and the effect of feed processing on nutritive value (energy, protein), and validation of criteria reflecting protein quality.

The research aims at opportunities to reduce nitrogen and mineral excretion into the environment without loss in animal performance and health by better quantification of requirements, understanding absorption and metabolism at intestinal and post-absorptive level and study of transporter proteins involved.

Trans-generational effects of nutrient supply in pigs and metabolic imprinting of piglets by the composition of sow diets is studied as a potential approach.