Insects: Alternative Protein Source for Animal Feed

Message from the Guest Editor

Dear Colleagues,

World population is expected to grow by over a third, reaching over 9 billion people in 2050. This will have as main consequence that the world will have to produce 70% more food. Livestock production (in particular that of poultry and swine) will have to grow rapidly if per capita intake is to be maintained. Therefore, a major concern is to guarantee the global capacity to provide enough animal feed (in particular protein ingredients), trying to avoid as much as possible competition with human food demand. For this purpose, insects have been proposed as a high quality, efficient and sustainable alternative protein source for poultry, fish or swine. Results are promising but as industry interest is growing further information is needed to fully assess the potential of these innovative raw materials.

Original manuscripts that address any aspects of insects as alternative protein source for animal feed are invited for this Special Issue. In particular, aspects such as optimal inclusion levels, insect meal digestibility, impact on product quality, animal health benefits, immune response, consumer perception and acceptance of insects in animal feeds are welcome.

Deadline for manuscript submissions: 28 February 2019