**Postdoc in swine health and pork quality at the University of Manitoba, Animal Science.**

We are looking for a highly motivated and dynamic postdoctoral researcher for a 2-year position to work on swine health, pork carcass quality and composition and explore the applications of such data in genomics, microbiome, and CT scans studies.

**Our research Interests**

Dietary manipulation, gut health and function.

Improving dietary energy and nutrient utilization

Evaluation and development of alternatives to in-feed antibiotics.

Functional feed additive development

Image analysis for a rapid measure of animal, feed and meat traits

Ante- and post-mortem factors affect carcass composition and quality

**Primary activities**

Physical and chemical analysis of meat

Analysis of growth performance data

Pork carcass evaluation, composition, and quality

Provide support in investigating the accuracy and efficiency of estimating lean yield and total body composition using a CT-Scan

Examination of CT scans for signs of osteochondrosis

Perform statistical analysis of data, prepare interim reports and manuscript

Collect samples in swine production and slaughter facilities

**Profile**

Recent Ph.D. degree (within the past 5 years) in Animal Science, Food Science or similar

Essential experience in meat science

Experience in conducting experiments in swine production and slaughter facilities

Knowledge in the physical-chemical analysis of meat

Experience in statistical analysis

Have project management skills to comply with project deadlines and milestones

Proficient communication skills and ability to work in multidisciplinary teams.

Leadership skills, able to inspire and motivate people

An excellent publication track record.

It is required that the applicant be fluent in written and spoken English.

**Offer**

The employment as a postdoc is a full time and fixed-term position. Starting as soon as possible until March 31, 2022.

The possibility to participate and present your research at national and international conferences.

Gain insight into close collaboration with an international swine company.

**To Apply**

Forward your cover letter, CV, and the names and contact information of three references to [Argenis.RodasGonzalez@umanitoba.ca](mailto:Argenis.RodasGonzalez@umanitoba.ca)