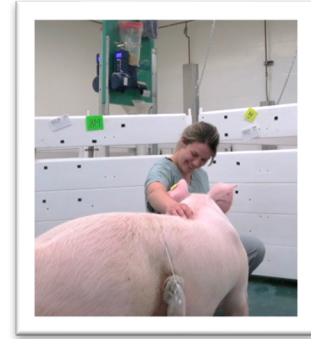


Élisabeth Chassé

Nationality: Canadian

Place of work: Aarhus University, Department of Animal and Veterinary Sciences



SCIENTIFIC FOCUS AREAS

My research focuses on carbohydrate nutrition and dietary fibre. I worked extensively in the field of feed evaluation for swine diets. Additionally, I focused on fibre degradation and the inclusion of exogenous enzymes in diets as well as meal size and frequency and their effects on digestibility and passage rate. I have been characterizing carbohydrate composition in novel feedstuffs such as seaweeds, cacti and byproducts. More recently, I have been focusing on tackling antimicrobial resistance by reducing antibiotic use and feeding piglets with various prebiotics (seaweed-based, plant-based, milk-based).

SKILLS PROFILE

- Swine nutrition
- Animal experimentation: primary focus on digestibility trials with cannulated pigs and passage rate determination with indigestible markers.
- In vitro experimentation: degradability of fibres with xylanase addition, gas emission with fermentation model, degradation of fibres from novel feed ingredients with fermentation model, colon fermentation model to assess prebiotics stimulating gut health.
- Analytical chemistry of carbohydrates
- Digestibility, digesta fibre content and viscosity, retention time and in vitro digestibility data analysis and interpretation.

EDUCATION

2022 PhD in Animal Science, Université Laval, Québec (QC), Canada

2019 MSc. in Animal Science, Université Laval, Québec (QC), Canada

2017 BSc. in Agronomy (with honors), Université Laval, Québec (QC), Canada

EMPLOYMENT

2024-present

Tenure-track assistant professor at Aarhus University, Department of Animal and Veterinary Sciences

2022-2024

Postdoctoral fellow at Aarhus University, Department of Animal and Veterinary Sciences

ACADEMIC AWARDS AND HONOURS

Nafico Scholarship

April 2022

Nafico, Québec (QC), Canada

Awarded for innovation in animal science and finishing the thesis.

Yvon Lévesque Scholarship

January 2021

Ordre des Agronomes du Québec, Québec (QC), Canada

Awarded for a presentation for a Webinar titled «Distribution and composition of swine feed: what is the impact on digestibility, blood profile and gastrointestinal transit time?»

Award of excellence in animal welfare

June 2019

Laval University, Québec (QC), Canada

Awarded for proactivity, sensitivity and concern for the comfort of my animals during trials

Fond d'enseignement et de recherche Germain Brisson Scholarship

January 2019

Laval University, Québec (QC), Canada

Awarded for the excellence of my academic report

Mitacs Globalink Scholarship

November 2018

Mitacs

Awarded to realize an internship in Denmark under the supervision of Prof. Knud Erik Bach Knudsen

Excellence and implication Scholarship

April 2017

Groupe Cérès, Québec (QC), Canada

Awarded for the excellence of my academic report and my implication in the swine industry

Excellence Scholarship

April 2017

Centre de développement du porc du Québec (CDPQ), Québec (QC), Canada

Awarded for having the best final grade in the Swine Production course

Excellence Scholarship

April 2015

Shurgain, Québec (QC), Canada

Awarded for having the best final grade in the Animal Nutrition course