

Faculty Research Interests

ZOOTECHNY



THIAGO F. BERNARDES

Feed conservation

- Potentializing snaplage silage for beef cattle.
 - Potentializing grass silage for beef cattle.
- thiagobernades@ufla.br



MARCOS N. PEREIRA

Dairy science

- Improving diet formulation for dairy cows.
- Prospecting and evaluation of feed additives for dairy cows
- Nutrition, physiology and metabolism of high production dairy cows.

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PRISCILA V. ROSA

Freshwater fish nutrition

- Supplementation of W3 and W6 fatty acids on fish health and production.
- Nutrigenomic as a tool to enhance fish freshwater fish production.

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CARLA L.S. AVILA

Feed conservation

- Silage microbiology.
- Prospecting of bacterial strains for silage additives.

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MARINA A.C. DANÉS

Dairy science

- Mammary gland metabolism and efficiency of nitrogen utilization by dairy cows.
- Development of precision measuring tools for dairy science.

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PAULO B. RODRIGUES

Broiler chicken nutrition

- Development of equations for estimating the energy value of feed for broiler chickens.
- Prospecting and evaluation of feed enzymes for broiler chickens.

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DANIEL R. CASAGRANDE

Pasture mangement

- Improving management of intensive pasture systems.
- Management strategies of mixed grass and legume pastures.

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IRAIDES F. GARCIA

Small ruminant production

- Carcass and meat quality of small ruminants.
- Nutrition, physiology and metabolism of ovine.

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ANTONIO G. BERTECHINI

Non ruminant production

- Metabolism of vitamins and minerals in non-ruminant animals.
- Prospecting and evaluation of feed additives for non-ruminant animals.

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MARCIO A.S. LARA

Modeling the production of forage plants

- The use and parameterization of crop simulation programs.
- Prediction of forage production in DSSAT platform, and development of mathematical models.

- Zoning of production and recommendation of forage cultivars.

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MARCIO G. ZANGERONIMO

Non ruminant production

- Swine reproductive biotechnologies.
- In ovo feeding.
- Animal physiology and metabolism.

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RONY A. FERREIRA

Animal bioclimatology and welfare

- Bioclimatic concepts and its effects in animal production.
- Swine nutrition in hot climate.

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MARCIO M. LADEIRA

Beef cattle production

- Beef cattle nutrition and meat quality.
- Lipids metabolism.
- Nutrigenomics and fetal programming.

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VINÍCIUS S. CANTARELLI

Swine nutrition and metabolism

- Nutritional alternatives for improvement of piglets intestinal health.
- Prospecting and evaluation of feed additives for swine production.

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ÉDISON J. FASSANI

Non ruminant production

- Poultry and broiler chicken nutrition.

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MATEUS P. GIONBELLI

Beef cattle production

- Maternal nutrition and fetal programming.
- Nutrient requirements of ruminants.
- Strategic supplementation of beef cattle.

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MARVIO L. T. ABREU

Swine nutrition and metabolism

- Functional nutrition of sows.
- Prospecting and evaluation of feed additives for swine production.

marvio@ufla.br



RAQUEL MOURA

Equine nutrition and management

- Improvement of Brazilians breeds of horses.
- Equine evaluation and judgment.

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JOSÉ C. SOUZA

Reproduction physiology

- Biotechnologies and physiology of embryo production.
- Equine reproduction.
- Antral follicle count in bovine and reproductive hormones.

jcamisao@ufla.br



ALEXANDRE W. HILSDORF

Genetics of marine organisms and freshwater fish

- Genetics of populations using molecular markers applied to the conservation and management of species of interest for fishing and aquaculture.
- Conservation of biological genetic resources of aquatic marine and freshwater.

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LUIS S. MURGAS

Reproduction of non-ruminant animals

- Hormonal induction techniques of freshwater fish breeding.
- Preservation of mammalian and fish semen using cooling and freezing.

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RILKE T. FONSECA

Genetic improvement of fish and mammals

- Genetic evaluation of tilapia strains.
- Manipulation and cryopreservation of gametes of fish and mammals.

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SARAH L.C. MEIRELLES

Genetic improvement of farm animals

- Beef evaluation programs.
- Molecular markers applied to beef cattle production.

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NADJA G. ALVES

Ruminant reproduction

- Reproductive physiology of females ruminants.
- Reproductive and nutritional interactions in female ruminants.

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