Faculty Research Interests

ZODTECHNY



THIAGO F. BERNARDES

CARLA L.S. AVILA

Feed conservation

carlaavila@ufla.br

additives.

- Silage microbiology.

DANIEL R. CASAGRANDE

danielcasagrande@ufla.br

pasture systems.

and legume pastures.

Pasture mangement

- Feed conservation - Potentializing snaplage silage for beef cattle.
- Potentializing grass silage for beef cattle.
- thiagobernardes@ufla.br

Prospecting of bacterial strains for silage

Improving management of intensive

Management strategies of mixed grass



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.

mpereira@ufla.br

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.
- marina.danes@ufla.br

IRAIDES F. GARCIA

Small ruminant production

- Carcass and meat quality of small ruminants.
- iraides@ufla.br

MARCIO G. ZANGERONIMO

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

zangeronimo@ufla.br



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.

priscila@ufla.br



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.

pborges@ufla.br



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. bertechini@ufla.br



RONY A. FERREIRA

Animal bioclimatology and welfare

Bioclimatic concepts and its effects in _ animal production.

Swine nutrition in hot climate. rony@ufla.br



MARCIO A.S. LARA

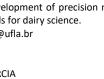
Modeling the production of forage plants - The use and parameterization of crop simulation programs.

- Prediction of forage production in DSSAT platform, and development of mathematical models.

- Zoning of production and recommendation of forage cultivars. marciolara@ufla.br

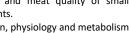


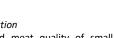




Nutrition, physiology and metabolism of ovine.













Universidade Federal de Lavras



MARCIO M. LADEIRA Beef cattle production

- Beef cattle nutrition and meat quality.
- Lipids metabolism.

Nutrigenomics and fetal programming. mladeira@ufla.br



MATEUS P. GIONBELLI Beef cattle production

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

mateus.pg@ufla.br



JOSÉ C. SOUZA

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

jcamisao@ufla.br



RILKE T. FONSECA

Genetic improvement of fish and mammals Genetic evaluation of tilapia strains.

Manipulation and cryopreservation of gametes of fish and mammals.

rilke@ufla.br



VINÍCIUS S. CANTARELLI

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Swine nutrition and metabolism

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

MARVIO L. T. ABREU

Swine nutrition and metabolism

- Functional nutrition of sows. -
- Prospecting and evaluation of feed

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

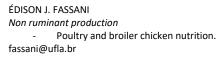
Conservation of biological genetic

resources of aquatic marine and

additives for swine production.

marvio@ufla.br

ALEXANDRE W. HILSDORF





RAQUEL MOURA

Equine nutrition and management Improvement of Brazilians breeds of horses.

- Equine evaluation and judgment. _
- raquelmoura@ufla.br



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.

lsmurgas@ufla.br



NADJA G. ALVES

Ruminant reproduction

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

nadja@ufla.br



wagner@umc.br SARAH L.C. MEIRELLES Genetic improvement of farm animals

freshwater.

aquaculture.

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

sarah@ufla.br

