

ARTIGOS EM COLABORAÇÃO COM DOCENTES ESTRANGEIROS PUBLICADOS NO QUADRIÊNIO 2021-2024 PELO PPGCV

Durante o quadriênio de 2021 a 2024, o Programa de Pós-Graduação em Ciências Veterinárias (PPGCV) tem demonstrado um crescente envolvimento com pesquisadores de diversas partes do mundo. Em particular, uma parte significativa das publicações foi realizada em colaboração com pesquisadores estrangeiros, incluindo parcerias com países como Holanda, Alemanha, Moçambique, Noruega, Canadá, EUA, México, Argentina, Peru, Iraque e França. A seguir, apresentamos a distribuição de artigos produzidos em colaboração internacional por ano, com a respectiva porcentagem de publicações colaborativas.

Em 2021: Os links para os artigos com colaboração estrangeira estão listados abaixo:

Effect of protein level and methionine supplementation on dairy cows during the transition period (<https://doi.org/10.3168/jds.2020-19181>) artigo com parceria com a pesquisadora Claudia Parys da Evonik Nutrition & Care, localizada na Alemanha.

Efficacy of bovine brucellosis vaccines: Conceptions, challenges and meta-analysis. Response to the Letter to the concerning “Efficacy of Brucella abortus S19 and RB51 vaccine strains: A systematic review and meta-analysis” (<https://doi.org/10.1111/tbed.14442>) artigo com parceria com o pesquisador Jacques Godfroid do Department of Arctic and Marine Biology, localizado na Noruega.

Efficacy of Brucella abortus S19 and RB51 vaccine strains: A systematic review and meta-analysis (<https://doi.org/10.1111/tbed.14259>) artigo com parceria com o pesquisador Jacques Godfroid do Department of Arctic and Marine Biology, localizado na Noruega.

Impact of oocyte donor age and breed on in vitro embryo production in cattle, and relationship of dairy and beef embryo recipients on pregnancy and the subsequent performance of offspring: A review <https://www.publish.csiro.au/RD/RD21285#:~:text=https%3A//doi.org/10.1071/RD21285>, artigo com parceria com o pesquisador Michael J. D'Occhio da School of Life and Environmental Sciences, localizado na Austrália.

Lack of effect of melatonin on ovarian function and response to estrous synchronization and fixed-time AI during the nonbreeding season in lactating dairy buffalo (Bubalus bubalis) (<https://doi.org/10.1016/j.anireprosci.2021.106796>) artigo com parceria com o pesquisador Michael J. D'Occhio da School of Life and Environmental Sciences, localizado na Austrália.

Characteristic MALDI-MS lipid profiles of Gir, Holstein and crossbred (Gir x Holstein) oocytes recovered by ovum pick-up (<https://doi.org/10.1016/j.livsci.2020.104380>) artigo com parceria com a pesquisadora Christina Ramires Ferreira da Bindley Bioscience Center and Center for Analytical Instrumentation Development, localizado nos Estados Unidos.

Antioxidant enrichment of rooster semen extenders – A systematic review (<https://doi.org/10.1016/j.rvsc.2021.02.005>) artigo com parceria com o

pesquisador Nelson Fijamo Mesquita do Division of Agriculture, Higher Polytechnic Institute of Gaza, localizado no Moçambique.

Yeast Beta-Glucans Ingestion Does Not Influence Body Weight: A Systematic Review and Meta-Analysis of Pre-Clinical Studies (<https://doi.org/10.3390/nu13124250>) artigo com parceria com o pesquisador Ramiro M. Murata no Department of Foundational Sciences, School of Dental Medicine, localizado nos Estados Unidos.

Association between Chronotype and Nutritional, Clinical and Sociobehavioral Characteristics of Adults Assisted by a Public Health Care System in Brazil (<https://doi.org/10.3390/nu13072260>) artigo com parceria com o pesquisador Ramiro M. Murata no Department of Foundational Sciences, School of Dental Medicine, localizado nos Estados Unidos.

Influence of Micronutrient Intake, Sociodemographic, and Behavioral Factors on Periodontal Status of Adults Assisted by a Public Health Care System in Brazil: A Cross-Sectional Multivariate Analysis (<https://doi.org/10.3390/nu13030973>) artigo com parceria com o pesquisador Ramiro M. Murata no Department of Foundational Sciences, School of Dental Medicine, localizado nos Estados Unidos.

Consensus on the terminologies and methodologies for masticatory assessment (<https://doi.org/10.1111/joor.13161>) artigo com parceria com a pesquisadora Marie-Agnès Peyron da University of Clermont Auvergne, localizado na França.

Do implant-supported prostheses affect bioavailability of nutrients of complete and partially edentulous patients? A systematic review with meta-analysis

(<https://doi.org/10.1016/j.clnu.2021.02.018>) artigo com parceria com a pesquisadora Marie-Agnès Peyron da University of Clermont Auvergne, localizado na França.

Validation of the Brazilian Portuguese version of the Obsession with COVID-19 Scale (BP-OCS) using a large University Sample in Brazil (<https://doi.org/10.1080/07481187.2021.1879319>) artigo com parceria com o pesquisador Sherman Lee do Department of Psychology, Christopher Newport University, localizado nos Estados Unidos.

Bee pollen as a dietary supplement for fish: Effect on the reproductive performance of zebrafish and the immunological response of their offspring (<https://doi.org/10.1016/j.fsi.2021.10.0120>) artigo com parceria com o pesquisador Victoriano Mulero do Departamento de Biología Celular e Histología, localizado na Espanha.

Sperm characterization and cryopreservation of the endangered freshwater fish *Chirostoma* *estor* (Atheriniformes) (<https://doi.org/10.1016/j.cryobiol.2021.09.004>) artigo com parceria com o pesquisador Carlos Antonio Martínez-Palacios do Instituto de Investigaciones Agropecuarias y Forestales, localizado no México.

Índices morfométricos y reproducción inducida de *Cyphocharax magdalenae* (Steindachner, 1878) sardina Maná (<http://portal.amelica.org/ameli/journal/225/2252998001/>) artigo com parceria com o pesquisador Rigoberto González Gutierrez Autoridad de los Recursos Acuáticos de Panamá, localizado no Panamá.

Exogenous Albumin Is Crucial for Pig Sperm to Elicit In Vitro Capacitation Whereas Bicarbonate Only Modulates Its Efficiency (<https://doi.org/10.3390/biology10111105>) artigo com parceria com as pesquisadoras Bruna Resende Chaves e Ana Paula Piniti Pavaneli, do Biotechnology of Animal and Human Reproduction, localizado na Espanha.

Dietary crude protein levels during growth phase affects reproductive characteristics but not reproductive efficiency of adult male Japanese quails (<https://doi.org/10.5713/ab.21.0060>) artigo com parceria com o pesquisador Alireza Seidavi do Department of Animal Science, localizado no Iran.

Em 2022: Os links para essas publicações colaborativas seguem abaixo:

Metastatic digital chondrogenic melanocytic tumour in a dog (<https://doi.org/10.1016/j.jcpa.2021.10.010>) artigo com parceria com a pesquisadora Tatiane T Negrão Watanabe do Department of Population Health and Pathobiology, localizado nos Estados Unidos.

First report and whole-genome sequencing of *Pseudochrobactrum saccharolyticum* in Latin America (<https://doi.org/10.1016/j.micinf.2022.105018>) artigo com parceria com os pesquisadores Derek J. Pickard do Cambridge Biomedical Campus, University of Cambridge, localizado no Reino Unido. David O'Callaghan da Universite de Montpellier, localizado na França e Jeffrey T. Foster da Pathogen and Microbiome Institute, localizado nos Estados Unidos.

Effects of human chorionic gonadotropin on the last day of a 5-day CIDR Synch protocol and 5 days later on circulating progesterone concentrations and luteal

area in Holstein heifers (<https://doi.org/10.3168/jdsc.2022-0220>) artigo com parceria com o pesquisador Meliton Fosado da ST Genetics, localizado em Kewaskum.

Peroxisome proliferator-activated receptor delta-PPAR δ agonist (L-165041) enhances bovine embryo survival and post vitrification viability <https://www.publish.csiro.au/RD/RD21245#:~:text=https%3A//doi.org/10.1071/RD21245> artigo com parceria com o pesquisador Jesús Alfonso Sánchez Viafara da Universidad de Santander, localizado na Colômbia.

Injectable progesterone for estrus and ovulation induction in seasonal anestrous ewes (<https://doi.org/10.1016/j.livsci.2022.105070>) artigo com parceria com o pesquisador Hernan Baldassarre da Faculty of Agricultural and Environmental Sciences, localizado no Canadá.

Burnout syndrome and remote learning strategies during the pandemic of COVID-19: a longitudinal study of Agrarian Sciences students (<https://doi.org/10.1080/1389224X.2022.2039249>) artigo com parceria com o pesquisador Ramiro M. Murata no Department of Foundational Sciences, School of Dental Medicine, localizado nos Estados Unidos.

Fatty acids composition and in vivo biochemical effects of Aleurites moluccana seed (Candlenut) in obese wistar rats (<https://dmsjournal.biomedcentral.com/articles/10.1186/s13098-022-00847-4#citeas>) artigo com parceria com a pesquisadora Vanessa Pardi do Department of Foundational Sciences, localizado nos Estados Unidos.

Bee pollen in zebrafish diet affects intestinal microbiota composition and skin cutaneous melanoma development (<https://www.nature.com/articles/s41598-022-14245-3#citeas>) artigo com parceria com o pesquisador Victoriano Mulero do Departamento de Biología Celular e Histología, localizado na Espanha.

Cannibalism rate and mLeptin expression are influenced by photoperiod and diets in Piracanjuba, *Brycon orbignyanus* (Valenciennes, 1850) larvae (<https://doi.org/10.1016/j.rvsc.2022.01.007>) artigo com parceria com o pesquisador Carlos Antonio Martínez-Palacios do Instituto de Investigaciones Agropecuarias y Forestales, localizado no México.

Diets containing *Arthrospira platensis* increase growth, modulate lipid metabolism, and reduce oxidative stress in pacu (*Piaractus mesopotamicus*) exposed to ammonia (<https://doi.org/10.1016/j.aquaculture.2021.737402>) artigo com parceria com o pesquisador Carlos Antonio Martínez-Palacios do Instituto de Investigaciones Agropecuarias y Forestales, localizado no México.

The effects of in ovo injection with sulfur amino acids and folic acid on the gene expression, relative organ weights, hematologic parameters, performance, and carcass characteristics of broiler chickens (<https://doi.org/10.1080/10495398.2022.2081578>) artigo com parceria com a pesquisadora Nidia Fernanda Gamboa Gonzales da Veterinary Medicine and Animal Science, localizado na Colômbia.

Fibrous coproducts of corn and citrus as forage and concentrate sources for dairy cows (<https://doi.org/10.3168/jds.2022-21918>) artigo com parceria com o pesquisador Trevor J. DeVries do Department of Animal Biosciences, localizado no Canadá.

Complete replacement of corn grain with crude glycerin for dairy cows (<https://doi.org/10.1016/j.livsci.2022.104893>) artigo com parceria com a pesquisadora Shawn S. Donkin da Purdue University, localizado nos Estados Unidos.

Em 2023: A seguir, estão os links para os artigos com colaboração de pesquisadores estrangeiros.

Characterization of nonpathological intrascleral cartilage in the domestic sheep (Ovis aries) (<https://www.scielo.br/j/pvb/a/5sgmXCDFjFP7vXG4kG95RKq/?lang=en>) artigo com parceria com a pesquisadora Tatiane T.N. Watanabe do Department of Population Health and Pathobiology, localizado nos Estados Unidos.

Dogs (canis familiaris) as sentinels for determining the risk of occurrence of rickettsia spp. and anaplasma phagocytophilum in previously undiagnosed areas (<https://doi.org/10.1590/1678-5150-PVB-7142>) artigo com parceria com a pesquisadora Mariana Avelino de Souza Santos da Fontys University of Applied Sciences, localizado na Holanda.

Accuracy of serological tests for bovine brucellosis: A systematic review and meta-analysis (<https://doi.org/10.1016/j.prevetmed.2023.106079>) artigo com parceria com o pesquisador Jacques Godfroid do Department of Arctic and Marine Biology, localizado na Noruega.

Comparison of *Brucella abortus* population structure based on genotyping methods with different levels of resolution (<https://doi.org/10.1016/j.mimet.2023.106772>) artigo com parceria com o pesquisador John D. Gillece da Pathogen and Microbiome Institute, localizado nos Estados Unidos.

Genomic investigation of antimicrobial resistance in *Brucella abortus* strains isolated from cattle in Brazil (<https://doi.org/10.1016/j.genrep.2023.101777>) artigo com parceria com o pesquisador John D. Gillece da Pathogen and Microbiome Institute, localizado nos Estados Unidos.

Comparative genomic analysis of ovine and other host associated isolates of *Staphylococcus aureus* exhibit the important role of mobile genetic elements and virulence factors in host adaptation (<https://doi.org/10.1016/j.gene.2022.147131>) artigo com parceria com o pesquisador Bertram Brenig do Institute of Veterinary Medicine, localizado na Alemanha.

Effect of inducing accessory corpus luteum formation with gonadotropin-releasing hormone or human chorionic gonadotropin on the day of embryo transfer on fertility of recipient dairy heifers and lactating cows (<https://doi.org/10.3168/jdsc.2022-0286>) artigo com parceria com o pesquisador João Luiz Cardoso da ABS-Global, localizado em Kennewick.

Immunogenic mapping of rDyn-1 and rKDDR-plus proteins and selection of oligopeptides by immunoblotting for the diagnosis of *Leishmania infantum*-infected dogs (<https://doi.org/10.1371/journal.pntd.0011535>) artigo com parceria com o pesquisador Thomas Cleij da Faculty of Science and Engineering of Maastricht University, localizado na Holanda.

Food preferences and periodontal status of adults assisted by a public health care system (<https://doi.org/10.1371/journal.pone.0291878>) artigo com parceria com o pesquisador Ramiro M. Murata no Department of Foundational Sciences, School of Dental Medicine, localizado nos Estados Unidos.

Respuesta reproductiva a la inducción hormonal en *Gymnotus* sp. (Teleostei, Gymnotiformes) (<https://doi.org/10.30972/vet.3427045>) artigo com parceria com o pesquisador Pablo Andrés López da Universidad Nacional de Rosario, localizado na Argentina.

Feeding frequency has a determinant role in growth performance, skeletal deformities, and body composition in the Mexican pike silverside (*Chirostoma ester*), an agastric short-intestine fish (Teleostei: Atheriniformes) (<https://doi.org/10.1016/j.aquaculture.2022.738766>) artigo com parceria com o pesquisador Carlos Antonio Martínez-Palacios do Instituto de Investigaciones Agropecuarias y Forestales, localizado no México.

Digestibility of insect meals for dogs and their effects on blood parameters, faecal characteristics, volatile fatty acids, and gut microbiota (https://brill.com/view/journals/jiff/9/7/article-p907_8.xml) artigo com parceria com o pesquisador M.R.C. Godoy do Department of Animal Sciences, University of Illinois, localizado nos Estados Unidos.

Effect of pre- and postpartum supplementation of a pure glycerol product to dairy cows on feed intake, metabolic markers, and milk yield and components (<https://doi.org/10.3168/jds.2022-23173>) artigo com parceria com o pesquisador T.J. DeVries da University of Guelph, localizado no Canadá.

Physical effectiveness of corn silage fractions stratified with the Penn State Particle Separator for lactating dairy cows (<https://doi.org/10.3168/jds.2022-23063>) artigo com parceria com o pesquisador L.F. Ferraretto do Department of Animal and Dairy Sciences, University of Wisconsin–Madison.

Effect of low dietary concentrations of *Acacia mearnsii* tannin extract on chewing, ruminal fermentation, digestibility, nitrogen partition, and performance of dairy cows (<https://doi.org/10.3168/jds.2022-22521>) artigo com parceria com o pesquisador T.J. DeVries da University of Guelph, localizado no Canadá.

Use of ultrasonographic imaging for non-invasive carcass yield prediction in Nile tilapia (*Oreochromis niloticus*) (<https://link.springer.com/article/10.1007/s10499-023-01109-4#citeas>) artigo com parceria com o pesquisador Eric Hallerman do Department of Fish and Wildlife Conservation, localizado nos Estados Unidos.

2024: Os links para essas publicações colaborativas estão listados abaixo.

A spatiotemporal analysis of bovine brucellosis cases in Minas Gerais state, Brazil, from 2011 to 2018 (<https://doi.org/10.1016/j.prevetmed.2023.106101>) artigo com a parceria da pesquisadora Suman Bhowmick da University of Illinois Urbana-Champaign, localizado nos Estados Unidos.

Occurrence, genetic diversity, and antimicrobial resistance of methicillin-resistant *Staphylococcus* spp. in hospitalized and non-hospitalized cats in Brazil (<https://doi.org/10.1371/journal.pone.0309711>) artigo com parceria com o

pesquisador James F. Lowe do Department of Veterinary Clinical Medicine, localizado nos Estados Unidos.

Biochemical profile differences during the transition period based on different levels of non-esterified fatty acids at 7 weeks before parturition in Mediterranean Italian dairy buffaloes (*Bubalus bubalis*) (<https://doi.org/10.3389/fvets.2024.1404041>) artigo com parceria com as pesquisadoras Giovanna Cappelli do Istituto Zooprofilattico Sperimentale delle Venezie e Alessandra Martucciello Istituto Zooprofilattico Sperimentale del Mezzogiorno, ambos localizados na Itália.

Exposure to progesterone before an ovulation synchronization protocol increases the follicular diameter and fertility of multiparous suckled *Bos taurus* cows (<https://doi.org/10.1016/j.theriogenology.2024.01.031>) artigo com parceria com o pesquisador M.B.P. Martínez da National Autonomous University of Mexico (UNAM), localizado no México.

Experimental Periodontitis Increases Anxious Behavior and Worsens Cognitive Aspects and Systemic Oxidative Stress in Wistar Rats (<https://doi.org/10.1002/cre2.700170>) artigo com parceria com o pesquisador Ramiro M. Murata no Department of Foundational Sciences, School of Dental Medicine, localizado nos Estados Unidos.

Score of fear of COVID-19 and physical activity level are related to the habitual consumption of dietary supplements (<https://doi.org/10.1371/journal.pone.0307870>) artigo com parceria com o pesquisador Ramiro M. Murata no Department of Foundational Sciences, School of Dental Medicine, localizado nos Estados Unidos.

Fear of the COVID-19 vaccine in a public healthcare system and university setting (<https://doi.org/10.1371/journal.pone.0304000>) artigo com parceria com o pesquisador Ramiro M. Murata no Department of Foundational Sciences, School of Dental Medicine, localizado nos Estados Unidos.

Pharmacokinetics, Dose-Proportionality, and Tolerability of Intravenous Tanespimycin (17-AAG) in Single and Multiple Doses in Dogs: A Potential Novel Treatment for Canine Visceral Leishmaniasis (<https://doi.org/10.3390/ph17060767>) artigo com parceria com a pesquisadora Fabiana Landoni Faculty of Veterinary Science, National University of La Plata, localizada na Argentina.

Effect of glycerol supplementation in early lactation on metabolic health, milking activity, and production of dairy cows in automated milking system herds (<https://doi.org/10.3168/jds.2024-24785>) artigo com parceria com os pesquisadores C.J. McWilliams e T.J. DeVries , ambos da University of Guelph localizado no Canadá.

Effect of pre- and postpartum supplementation of a pure glycerol product to dairy cows on feeding behavior, lying behavior, and reticulorumen pH (<https://doi.org/10.3168/jds.2023-23594>) artigo com parceria com os pesquisadores B.J. Van Soest e T.J. DeVries , ambos da University of Guelph localizado no Canadá.

Performance, Meat Quality and Gene Expression of Grazing Lambs Supplemented with Macadamia Oil and Vitamin E (<https://doi.org/10.3390/app14198870>) artigo com parceria com o pesquisador

Flavio A. P. Alvarenga da NSW Department of Primary Industries, localizado na Austrália.

Sexual maturity, slaughter age, and sex on meat fatty acid composition of chickens raised in a free-range system (<https://doi.org/10.1016/j.jfca.2024.106218>) artigo com parceria com a pesquisadora Sara Wilhelmina Erasmus da Wageningen University and Research, localizado na Holanda.

An account of the occurrence of residues from veterinary drugs and contaminants in animal-derived products: a case study on Brazilian supply chains (<https://doi.org/10.1080/19440049.2024.2315140>) artigo com parceria com as pesquisadoras Sara Wilhelmina Erasmus da Wageningen University and Research, localizado na Holanda e da Saskia M. van Ruth da University College Dublin, localizada na Irlanda.