

Leonardo Pereira de Alcântara

Undergraduate Veterinary Medicine student at Federal University of Minas Gerais, Brazil.

From the city of Alto Jequitibá, state of Minas Gerais.

Areas of interest: conservation medicine, epidemiology, ecology, ethology, and biodiversity conservation.

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Professional experience

Ruminants Clinic and Surgery – Federal University of Minas Gerais (2017).

Vale-verde Alambique and Ecological Park (2018). Wild animal nutrition and management, neonatology of birds from the park and maintenance of enclosures.

Wild Animals Clinic and Surgery – Federal University of Minas Gerais (2018 - 2019).

Zoonosis Control Center of Alto Jequitibá – Minas Gerais, Brazil (2020 and 2021). Vaccination campaigns against rabies virus and castration of stray and tutored dogs and cats.

Projeto Quatis (2020). Fieldwork on health assessment and ecological aspects of *Nasua nasua* in an urban park at Belo Horizonte, Brazil.

Instituto Tamanduá (2021). Fieldwork and project planning for monitoring, capture, tagging, collecting biometric data and biological samples of *Cyclopes didactylus* for the activities of the Silky Anteater Conservation Program in Northeast Brazil. Other activities included handling and release training of *Tamandua tetradactyla* in captivity, and screening of camera-trap images for a conservation project executed in Maranhão state, Brazil.

Rede Eco-Diversa (2021 - ongoing). Project planning, science communication on social media, marketing activities on social media, organization of events, fundraising and stakeholder awareness. Fieldwork assistant at Projeto Muriquis do Caparaó and Coordinator of Caparaó Wild Cats Conservation Project.

Caparaó Wild Cats Conservation Project (2022). Fieldwork for wild cats monitoring with camera traps and collection of biological samples. Project planning, fundraising, stakeholder awareness. Conservation and threat mitigation actions planning.

Research

The potential of melatonin on inflammation modulation of influenza virus infections. Immunopharmacology Laboratory of the Institute of Biological Sciences - ICB-UFMG (2017-2018)

Serological study of canine parvovirus and canine distemper virus infection in free-living coatis (*Nasua*

nasua) and domestic dogs in the Park Municipality of Mangabeiras, Belo Horizonte – MG (2018-2019)

Isolation and characterization of bacterial strains of *Staphylococcus* sp. and *Clostridium difficile* from wild carnivores kept in captivity at the Belo Horizonte Zoo, Minas Gerais (2019 – 2021)

University Extension Programs

Wild Animals Study Group - GEAS UFMG (2018 - current). Vice-president, with experience on projects and finance sectors. The group organizes academic events, environmental education and scientific dissemination programs.

Conservation Medicine Research Group – ECOS UFMG (2020 - current). Current marketing and internal communication assistant. The group develops projects on one health assessment for wildlife conservation in Minas Gerais, Brazil.

Lecture / Conferences

Antimicrobial resistance in wildlife: implications for public health and conservation. (GEAS UFMG)

Canine parvovirus infection dynamics in free-living coatis (*Nasua nasua*) in Parque Municipal das Mangabeiras, Belo Horizonte. (SIC 2018)

Isolation and characterization of *Staphylococcus* sp. and *Clostridium difficile* strains from wild carnivores kept in captivity at the Belo Horizonte Zoo, Minas Gerais. (SIC 2019)

The impact of microorganism infections on wild carnivore populations and the main management strategies. (GEAS UFMG)

Mammals of the superorder Xenarthra as hosts and potential reservoirs for *Leishmania* sp. (VII CTC)

Related courses

Ecology, Conservation and Management of Wild Carnivores. 60h. Maranhão State University, UEMA, Brazil.

Multiprofessional megacourse in One Health. 20h. Instituto Irerê, Brazil.

Scientific production course. 30h. Federal University of Maranhão, UFMA, Brazil.

Biodiversity conservation and wild animals health. 10h. Federal University of Piauí, UFPI, Brasil.

Mammals sample collection methods. 6h. Federal University of Minas Gerais, Brazil.

For further information on participation and organization of events, works published in event proceedings, scientific production and additional training, please [access the lattes curriculum clicking here.](#)