

## CONTACT

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## EDUCATION

- 2019 ~ **Doctor of Science, DSc**  
Center for the Evolutionary Origins of Human Behavior, Kyoto University, Japan  
Thesis: Pain assessment and facial expression in Japanese macaques  
Supervisor: Takako Miyabe-Nishiwaki
- 2016-2018 **Master of Science, MSc**  
School of Veterinary Medicine and Animal Science, University of São Paulo, Brazil  
Dissertation: Evaluation of the antinociceptive effects and pharmacokinetics of tramadol in red-footed tortoises (*Chelonoidis carbonarius*)  
Supervisor: Silvia Renata Gaido Cortopassi
- 2016-2018 **Specialization in Veterinary Anesthesiology**  
Pós Anestesia Veterinária – PAV, Brazil  
Term paper: Use of anesthetics and analgesics in reptiles by Brazilian veterinarians  
Supervisor: Adriano Bonfim Carregaro
- 2013-2015 **Residency in Veterinary Anesthesiology**  
School of Veterinary Medicine, Federal University of Paraná (UFPR), Brazil  
Term paper: Clinical investigation of propofol-remifentanyl and remifentanyl-lidocaine-ketamine in total intravenous anesthesia in Beagle dogs  
Supervisor: Ricardo G. D'O. C. Vilani
- 2007-2012 **Bachelor in Veterinary Medicine**  
School of Veterinary Medicine, Federal University of Paraná, Brazil  
Department of Veterinary Medicine, University of Pisa, Italy (international mobility)  
Term paper: Recovery after anesthesia with tiletamine-zolazepam or continuous infusion of propofol in non-human primates  
Supervisor: Ricardo G. D'O. C. Vilani

## PROFILE

Research interests: anesthesia and analgesia of domestic and wildlife species, pharmacokinetics of anesthetics, evolution of nociception, welfare of non-human primates, conservation medicine

## PUBLICATIONS

1. [Gris V](#), Broche Jr N, Kaneko A, Okamoto M, Suzuki J, Mills DS, Miyabe-Nishiwaki T. Investigating subtle changes in facial expression to assess acute pain in Japanese macaques. *Sci Rep* 2022. 12:19675
2. [Gris V](#), Ferraro MA, Lima AFKT, Cortopassi SRG, Carregaro AB. 2022. Attitudes of Brazilian veterinarians towards anesthesia and pain management in reptiles. *J. of Herpetological Medicine and Surgery*, 32(3):208-2018
3. Larangeira LF, [Gris VN](#), Ferraro MA, Cortopassi SRG. 2022. Comparative study between S-(+)-ketamine-midazolam and fentanyl–droperidol in black-tufted marmosets (*Callithrix penicillata*). *Brazilian Journal of Veterinary Research and Animal Science*, 59:1-8
4. Ferraro MA, Molina CV, [Gris VN](#), Kierulff MCM, Cortopassi SRG. 2022. Vasectomy of golden-headed lion tamarins (*Leontopithecus chrysomelas*) using local anesthesia after sedation with dexmedetomidine-ketamine-meperidine. *J. of Medical Primatology*, 51(1):53-55
5. Miyabe-Nishiwaki T, [Gris VN](#), Muta K, Nishimura R, Mills DS. 2021. Primate veterinarians' knowledge and attitudes regarding pain in macaques. *J. of Medical Primatology*, 50(5):259-269

6. Galante R, Carvalho EM, Muniz JAPC, Castro PHG, Gris VN, Amora Jr DS, Vilani RGD'OC. 2019. Comparison between total intravenous anesthesia with propofol and intermittent bolus of tiletamine-zolazepam in capuchin monkey (*Sapajus apella*). Brazilian Journal of Veterinary Research, 39(4):271-27
7. Lima AFKT, Rego MAF, Cacciari L, Gris VN, LorigadoS CAB, Cortopassi SRG. 2019. Sonographic evaluation of the lumbosacral region for neuroaxial anaesthesia in domestic felines. Acta Veterinaria Brasilica, 13(3):120-125
8. Ferraro MA, Molina CV, Gris VN, Kierulff MCM, Bueno M, Cortopassi SRG. 2019. Early reversal of ketamine/dexmedetomidine chemical immobilization by atipamezole in golden-headed lion tamarins (*Leontopithecus chrysomelas*). J. of Medical Primatology, 48(6):351–356
9. Galante R, Muniz JAPC, Castro PHG, Gris V, Carvalho EM, Amora Jr DS, Vilani RGD'OC. 2014. Continuous infusion of propofol or intermittent bolus of tiletamine-zolazepam in squirrel monkeys (*Saimiri sciureus*). Veterinary Anaesthesia and Analgesia, 41(5):506-515
10. Galante R, Muniz JAPC, Castro PHG, Amora Jr DS, Gris V, Carvalho EM, Vilani RGD'OC. 2014. Continuous infusion of propofol or intermittent bolus of tiletamine-zolazepam in feline night monkeys (*Aotus infulatus*). J. of Medical Primatology, 43(1):22-30
11. Silva JG, Soley BS, Gris V, Pires ARA, Caderia SMSC, Eler GJ, Hermoso APM, Brachts A, Dalsenter PR, Acco A. 2011. Effects of the *Crotalus durissus terrificus* snake venom on hepatic metabolism and oxidative stress. J. of Biochemical and Molecular Toxicology, 24(3):195-203

#### AWARDS & SCHOLARSHIPS

- |      |   |
|------|---|
| 2021 | Student award at the II International Summer School on Animal-Centered Computing, St. Petersburg Electrotechnical University, Russia (2021)   |
| 2020 | JSW sponsor award. HIRAKU 3MT Competition, Hiroshima University, Japan (2020)   |
| 2019 | The Leading Graduate Program in Primatology and Wildlife Science (PWS), Kyoto University  |
| 2018 | DSc scholarship - Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT)  |
| 2016 | MSc scholarship - São Paulo Research Foundation (FAPESP)  |
| 2011 | Merit scholarship for International Academic Mobility - UPFR to the University of Pisa, Italy   |
| 2010 | Best oral presentation. "Life and Working Conditions of Recyclable Material Collectors in the Municipality of Piraquara - PR: Rapid Estimation in Occupational Health Research." 18 <sup>th</sup> Science and Extension Conference, UFPR. |
| 2008 | Young Scientist Program scholarship, School of Veterinary Medicine - UFPR   |

#### SELECTED CONFERENCE PRESENTATIONS

1. Gris VN, Miyabe-Nishiwaki T, Broche Jr N, Kaneko A, Okamoto M, Suzuki J, Mills DS (2022) Facial expressions of acute pain in Japanese macaques: Development of an assessment tool. Advancing Animal Welfare Science – UFAW International Conference, Edinburgh, Scotland
2. Gofer S, Gris V, Oren A, Sagi L, van der Linden D (2021) *Chameleo*: walk like a chameleon detection with AI.ACI'21: 8<sup>th</sup> International Conference on Animal-Computer Interaction, Bloomington, USA – online
3. Gris V, Sawada Y, Kaneko A, Suzuki J, Yamamoto M, Miyabe-Nishiwaki T (2021) Evaluation of a novel activity monitor for captive Japanese macaques (*Macaca fuscata*). 15th PWS Symposium, Kyoto, Japan – online
4. Gris V, Crespo TR, Broche NB, Kaneko A, Okamoto M, Miyabe-Nishiwaki T, Mills DS, Teramae J, Suzuki J (2020) Recognition of pain in Japanese macaques by neural networks – preliminary analysis. 14th PWS Symposium, Kyoto, Japan – online
5. Gris VN, Daly GBM, Miyabe-Nishiwaki T, Kaneko A, Yamanaka A, Suzuki J, Hayashi M, Tomonaga M, Matsuzawa T (2019) Beyond euthanasia: two cases of intensive chimpanzee care (*Pan troglodytes*) in Japan. XVIII Brazilian Congress of Primatology, Teresópolis, Brazil
6. Gris V, Miyabe-Nishiwaki T, Muta K, Broche NB, Kaneko A, Okamoto M, Huffman MA, Suzuki J, Nishimura J, Mills DS (2019) Facial expressions of acute pain in Japanese macaques: development of an assessment tool. The 14th International Conference on Environmental Enrichment, Kyoto, Japan

7. Gris VN, Ferraro MA, Lima AFKT, Silva CT, Nagashima JK, Gonçalves-Jr V, Ciscato CHP, Cortopassi SRG (2018) Evaluation of the antinociceptive effects and pharmacokinetics of tramadol in red-footed tortoises (*Chelonoidis carbonarius*). XIII Brazilian Congress of Veterinary Anesthesiology, Brasília, Brazil
8. Gris VN, Luz LC, Viveiros BM, Cichon BAG.; Amora JR DS, Vilani RGD'OC (2014) Anesthetic Recovery of Beagle Dogs after Continuous Infusion of Propofol Associated with Remifentanil or Remifentanil-Lidocaine-Ketamine. In: XI Brazilian Congress of Veterinary Anesthesiology. Águas de Lindóia, Brazil
9. Galante R, Muniz JAPC, Castro PHG, Gris V, Amora JR DS, Carvalho EM, Vilani RGD'OC (2012) Anesthetic recovery after continuous infusion of propofol or intermittent bolus of tiletamine-zolazepam in howler monkeys (*Alouatta* sp.). In: 11th WCVA 2012 World Congress of Veterinary Anaesthesiology. Cape Town. South Africa
10. Silva JG, Soley BS, Gris V, Pires ARA, Caderia SMSC, Eler GJ, Hermoso APM, Brachts A, Dalsenter PR, Acco A. (2010) *Crotalus durissus terrificus*: Hepatic Effects of Snake Venom in Rats. 42º Brazilian Congress of Pharmacology and Experimental Therapeutics, Ribeirão Preto, Brazil

#### PRIVATE PRACTICE

- |           |   |
|-----------|---|
| 2015-2016 | Veterinary anesthesia<br>SOS Clínica Veterinária, Curitiba, Brazil                          |
| 2015-2016 | Veterinary anesthesia<br>Vet Salva Clínica Veterinária, Curitiba, Brazil                    |
| 2015      | General practice, veterinary anesthesia<br>Hospital Veterinário Intensiva, Curitiba, Brazil |

#### TEACHING ASSISTANT / RESEARCH ASSISTANT

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| 2022      | 2022 Primatology & Wildlife Science Virtual Internship - Center for International Collaboration and Advanced Studies in Primatology (CICASP), Kyoto University<br><br>Center for Human Evolution Modeling Research<br>Center for the Evolutionary Origins of Human Behavior (EHUB), Kyoto University<br><br>Seminar in Science Communication<br>(CICASP), Kyoto University |
| 2019      | Intensive Course in Animal Welfare<br>ILAS, Kyoto University   |
| 2016-2018 | Veterinary Anesthesiology<br>Specialization Course, PAV  |
| 2012      | Veterinary Anesthesiology<br>School of Veterinary Medicine, UFPR   |
| 2010      | Infectious Diseases of Domestic Animals<br>School of Veterinary Medicine, UFPR   |
| 2009      | Veterinary Microbiology<br>School of Veterinary Medicine, UFPR   |

#### LANGUAGE

Portuguese (native), English (TOEFL IBT 99), Italian (B2), German (B1)