

Vanessa N. Gris, DVM, MSc

CONTACT INFORMATION

Center for Human Evolution Modeling Research

Primate Research Institute, Kyoto University

41-2 Kanrin, Inuyama, Aichi, Japan, 484-8506

Email: gris.vanessa.23n@st.kyoto-st.ac.jp

URL: www.pri.kyoto-u.ac.jp/sections/chemr/

PROFILE

Research interests: anesthesia and analgesia of domestic and wildlife species, pharmacokinetics of anesthetic drugs, pathophysiology of pain, evolution of nociception, welfare of non-human primates, conservation medicine.

EDUCATION

- 2019 - current **PhD Student**
Center for Human Evolution Modeling Research, Primate Research Institute, Kyoto University, Japan
- Fentanyl pharmacokinetics in Japanese macaques (*Macaca fuscata*)
- Pain assessment and facial expression in Japanese macaques
Supervisor: Takako Miyabe-Nishiwaki
- 2016-2018 **Master of Science**
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, Brazil
Term paper: Clinical investigation of propofol and remifentanyl or remifentanyl-lidocaine-ketamine in total intravenous anaesthesia 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 (2011)
Term paper: Recovery after anesthesia with tiletamine-zolazepam or continuous infusion of propofol in non-human primates (*Cebus sp.*, *Alouatta caraya*, *Saimiri sciureus*, *Aotus fulvatus*, *Chlorocebus aethiops*)
Supervisor: Ricardo G. D'O. C. Vilani

PUBLICATIONS

FERRARO MA, MOLINA CV, GRIS VN, KIERULFF MCM, CORTOPASSI SRG. 2021. Vasectomy of golden-headed lion tamarins (*Leontopithecus chrysomelas*) using local anesthesia after sedation with dexmedetomidine-ketamine-meperidine. J Med Primatol. DOI: 10.1111/jmp.12547

MIYABE-NISHIWAKI T, GRIS VN, MUTA K, NISHIMURA R, MILLS DS. 2021. Primate veterinarians' knowledge and attitudes regarding pain in macaques. J Med Primatol. 50(5):259-269

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 Vet. Brasilica*, 13(3):120-125.

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*). *Pesq. Vet. Bras*, 39(4):271-277

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 Med Primatol*, 48(6):351-356

GALANTE R, MUNIZ JAPC, CASTRO PHG, GRIS VN, CARVALHO EM, AMORA JR DS, VILANI RGD'OC. 2014. Continuous infusion of propofol or intermittent bolus of tiletamine-zolazepam in squirrel monkeys (*Saimiri sciureus*). *J Vet Anaest Analg*, 41(5):506-515

GALANTE R, MUNIZ JAPC, CASTRO PHG, AMORA JR DS, GRIS VN, CARVALHO EM, VILANI RGD'OC. 2014. Continuous infusion of propofol or intermittent bolus of tiletamine-zolazepam in feline night monkeys (*Aotus infulatus*). *J Med Primatol*, 43(1):22-30

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. *Journal of Biochemical and Molecular Toxicology*, 24(3):195 -203

GRANTS AND AWARDS

2021	Student award at the II International Summer School on Animal-Centered Computing, St. Petersburg Electrotechnical University "LETI"
2020	JSW sponsor award. HIRAKU 3MT Competition, Hiroshima University
2019	The Leading Graduate Program in Primatology and Wildlife Science (PWS), Kyoto University
2018-2021	Research and PhD scholarship - Japanese Ministry of Education, Culture, Sports, Science and Technology (MEXT)
2016-2018	Master scholarship - São Paulo Research Foundation (FAPESP)
2011	Merit scholarship for International Academic Mobility – University of Pisa Federal University of Paraná, Brazil.
2010	Best oral presentation. Title: "Life and Working Conditions of Recyclable Material Collectors in the Municipality of Piraquara - PR: Rapid Estimation in Occupational Health Research." 18 th Science and Extension Conference of the Federal University of Paraná, Brazil.

SELECTED CONFERENCE PRESENTATIONS

GRIS, V.N.; FERRARO, M.A.; LIMA, A.F.K.T.; SILVA, C.T. NAGASHIMA, J.K.; GONÇALVES-JR, V.; CISCATO, C.H.P.; CORTOPASSI, S.R.G. Evaluation of the Antinociceptive Effects and Pharmacokinetics of Tramadol in Red-footed Tortoises (*Chelonoidis carbonarius*). In: XIII Brazilian Congress of Veterinary Anesthesiology. Brasília, 2018

GRIS, V. N.; FERRARO, M.A.; LIMA, A.F.K.T.; SILVA.; CORTOPASSI, S.R.G.; CARREGARO; A.B. Use of Anesthetics and Analgesics in Reptiles in Brazil. In: XIII Brazilian Congress of Veterinary Anesthesiology. Brasília, 2018

LIMA, A.F.K.T.; LORIGADOS, C.A.B.; GRIS, V. N.; SILVA, L.C.B.A.; FERRARO, M.A.; SILVA, L.C.B.A.; CORTOPASSI, S.R.G.; CARREGARO; A.B. Sonographic Evaluation of the Lumbosacral Region in Cats: a Cadaveric Study – preliminary analysis. In: XIII Brazilian Congress of Veterinary Anesthesiology. Brasília, 2018

LARANGEIRA, L.F.; FERRARO, M.A.; GRIS, V. N.; CORTOPASSI, S.R.G.C. Effects of S (+)-ketamine and midazolam or fentanyl and droperidol in black-tufted-ear marmosets. In: 10th International Symposium on Primatology and Wildlife Science. Kyoto University. Kyoto, Japan, 2018.

GRIS, V. N.; SILVA, J. E. R. R. E.; STADLER, B. W.; FERRARI, M. V.; BUSCH, A. P. B. Treatment of Acute Renal Failure after Gangrenous Mastitis caused by *Staphylococcus aureus* in a Goat - Case Report. In: XI Brazilian Congress e XVII Latinoamerican Congress of Buiatrics. São Paulo, Brazil 2015.

GRIS, V. N.; LUZ, L. C.; VIVEIROS, B. M.; CICHON, B. A. G.; AMORA, D. S.; VILANI, R. G. D'O. C. 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, 2014

BORA, L F.; CARVALHO, E. R.; VIVEIROS, B. M.; AMORA JR, D. S.; GRIS, V. N.; DUSI, A. G.; VILANI, R. G. D'O. Evaluation of Continuous Rate Infusion of Propofol associated to Fentanyl, Alfentanil, Remifentanil or Sufentanil Continuous Infusion for Ovariosalpingohysterectomy in Bitches. XI Brazilian Congress of Veterinary Anesthesiology. Águas de Lindóia, 2014.

BRANDAO, Y. O.; GONCALVES, K. A.; MOREIRA JUNIOR, E. A.; GRIS, V. N.; STEDILE, S. T. O.; SOUSA, R. S. Caso de Intoxicação por Aceturato de Diminazeno em Cão. In: II Brazilian Congress of Veterinary Pathology e XVI Veterinary Pathology National Meeting. Curitiba, 2013

GALANTE, R.; MUNIZ, J. A. P. C.; CASTRO, P. H. G.; GRIS, V.; AMORA JR, D.S.; CARVALHO, E.M; VILANI, R.G.D'O.C. 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. 2012.

GALANTE, R.; MUNIZ, J. A. P. C.; CASTRO, P. H. G.; GRIS, V.; AMORA JR, D.S.; CARVALHO, E.M; VILANI, R.G.D'O.C. Anesthetic recovery after continuous infusion of propofol or intermittent bolus of tiletamine-zolazepam in grivets (*Chlorocebus aethiops*). In: 11th WCVA 2012 World Congress of Veterinary Anaesthesiology. Cape Town. South Africa. 2012.

GALANTE, R.; GRIS, V.; AMORA JR, D.S.; CARVALHO, E.M; SORESINI, G.C.G; VILANI, R.G.D'O.C. Reduction of propofol with the association of low infusion rate of ketamine in total intravenous anesthesia in capuchin monkeys (*Cebus apella*). In: 11th WCVA 2012 World Congress of Veterinary Anaesthesiology. Cape Town. South Africa. 2012.

SILVA, J. G.; SOLEY, B. S.; GRIS, V. ROCIO, A. A. P; CADENA, S. M. S. C.; ELLER, G. J.; BRACHT, A.; DALSENTER, P. R.; ACCO, A "Crotalus durissus terrificus: Hepatic Effects of Snake Venom in Rats" In: 42^o Brazilian Congress of Pharmacology and Experimental Therapeutics. Ribeirão Preto. Brazil, 2010-09.02

FIELDWORK

- | | |
|------|--|
| 2019 | Koshima Field Science Course – PWS, Kyoto University
Sasagamine Science Course – PWS, Kyoto University |
| 2015 | International Training Program on Terrestrial & Aquatic Wildlife & Primate Conservation – University of Sri Jayewardenepura, Sri Lanka |
| 2011 | Primate anesthesia – Primate National Center, Ananindeua, Brazil |

PRIVATE PRACTICE

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| 2015-2016 | Veterinary anaesthesia
SOS Clínica Veterinária, Curitiba, Brazil |
| 2015-2016 | Veterinary anaesthesia
Vet Salva Clínica Veterinária, Curitiba, Brazil |

2015 General practice, veterinary anaesthesia
Hospital Veterinário Intensiva, Curitiba, Brazil

TEACHING EXPERIENCE

2016-2018 Teaching Assistant: Veterinary Anesthesiology
Specialization Course, PAV

2011-2012 Teaching Assistant: Veterinary Anesthesiology
School of Veterinary Medicine, Federal University of Paraná, Brazil

2010 Teaching Assistant: Infectious Diseases of Domestic Animals
School of Veterinary Medicine, Federal University of Paraná, Brazil

2009 Teaching Assistant: Veterinary Microbiology
School of Veterinary Medicine, Federal University of Paraná, Brazil

LANGUAGE

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