

Publicaties in wetenschappelijke tijdschriften

Houtkamp I, van Zijll Langhout M, Bessem M, Pirovano W, Kort R. 2022. Multiomics characterization of the zoo-housed gorilla gut microbiome reveals loss of bacterial diversity besides abundant fungal cellulose-degrading and archaeal methanogenic activity. *bioRxiv*, 2022-11.

Link: <https://www.biorxiv.org/content/10.1101/2022.11.15.516570v1>

Ijzer J, van Zijll Langhout M. 2020. Hidden *Balantidium coli* in a western lowland gorilla (*Gorilla gorilla gorilla*). *Journal of Comparative Pathology* 174: 189.

Van Zijll Langhout M, Wolters M, Horwath K, Thiesbrummel H, Van Bolhuis H, Van der Hulst V, Riezebos R. 2017. Clinical signs, diagnostics and successful treatment of a myocarditis in a chimpanzee (*Pan troglodytes*). *Journal of Medical Primatology*, 46(5), 263–266.

Link: <https://pubmed.ncbi.nlm.nih.gov/28523858/>

Van Zijll Langhout M, Struijk R, Konning T, van Zuilen D, Horwath K, van Bolhuis H, Maarschalkerweerd R, Verstappen F. 2017. Evaluation of bone mineralization by computed tomography European common spadefoot toads (*Pelobates fuscus*), in relation to exposure to UVB radiation and dietary supplements. *Journal of Zoo and Wildlife Medicine*, 48(3):748–756.

Link: <https://pubmed.ncbi.nlm.nih.gov/28920809/>

Meuffels J, Ververs C, Pootoolal J, van Zijll Langhout M, Goveare J. Evaluation of the growth in relation to the diet and husbandry of five orphaned, hand-reared giraffe (*Giraffa camelopardalis*, *Giraffa reticulata*) calves. *Journal of Zoo and Wildlife Medicine* 50(1), 205–218.

Link: <https://pubmed.ncbi.nlm.nih.gov/31120680/>

Könning T, van Zijll Langhout M, Passon-Vastenburger M. 2015. Radiographic and computer tomographic findings in a golden lion tamarin (*Leontopithecus rosalia*) with osteopenia. *Veterinary Radiology & Ultrasound*, 56:696.

Link: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7169326/>

Presentaties op internationale congressen

Ijzer J, van Zijll Langhout M (presenting author), Verstappen F, Weerts E, Kik M. 2023 Multiple concurrent pathological conditions in a single flock pied avocets (*recurvirostra avocetta*). Proc Int Conf on Dis of Zoo Wild Animals, Valencia, Spain, 7 – 10 June.

Van Zijll Langhout M, Molenaar F, Verstappen F, Wolters M, Akbar, Schaftenaar W. 2019. Diagnostics and treatment of EEHV-1B in an Asian elephant. Proc Int Conf on Dis of Zoo Wild Animals, Kolmarden, Sweden. 14 – 18 June.

Molenaar F, Wissink-Argilaga N, Vet L, Van Zijll Langhout M, Dastjerdi A, Schaftenaar W. 2019. Clinical EEHV1b in two Asian elephant calves (*Elephas Maximus*) – clinical presentation and decision-making leading to survival. North American Elephant Endotheliotropic Herpesvirus (EEHV) Workshop, Houston Zoo, Houston, USA. 26 – 28 March.

Van Zijll Langhout M, Hooijer A, Holzhauser M. 2018. A sand crack in a reticulated giraffe (*Giraffa camelopardalis reticulata*) and its treatment. Proc Int Conf on Dis of Zoo Wild Animals, Prague, Tjech Republic. 19 – 23 October.

Van Zijll Langhout M, Ververs C, de Haan D, Versloot M, Szantho J, Hellebuyk T, van de Velde M, Pirson S. 2018. **Sperm collection and artificial insemination in Tomistomas (*Tomistoma schlegelii*) at ARTIS Amsterdam Royal Zoo.** Proc Int Conf on Dis of Zoo Wild Animals, Prague, Tjech Republic. 21 Oct.

Van Zijll Langhout M, Hooijer A, Holzhauer M. 2017. **A sand crack in a reticulated giraffe (*Giraffa camelopardalis reticulata*) and its treatment.** EAZA Annual Conference, Wildlands Adventure Park, Emmen, the Netherlands. 19 – 23 Sept.

Van Zijll Langhout M, Ververs C, de Haan D, Versloot M, Szantho J, Hellebuyk T, van de Velde M, Pirson S. 2017. **Sperm collection and artificial insemination in Tomistomas (*Tomistoma schlegelii*) at ARTIS Amsterdam Royal Zoo.** EAZA Annual Conference, Wildlands Adventure Park, Emmen, the Netherlands. 19 – 23 Sept.

Van Zijll Langhout M, Hooijer A, Holzhauer M. 2017. **A sand crack in a reticulated giraffe (*Giraffa camelopardalis reticulata*) and its treatment.** Proc 19th Int Symp 11th Int Conf on Lameness in Ruminants. Munich, Germany. 6 – 9 Sept.

Van Zijll Langhout M, Struijk R, Konnig T, van Zuilen D, Verstappen F. 2017. **Evaluation of metabolic bone disease in wild and captive common spadefoot toads (*Pelobates fuscus*) by CT, as part of a captive rearing program.** Proc Zoo Wildl Health Conf, Berlin, Germany. 24 – 27 May.

Van Zijll Langhout M, Struijk R, Konnig T, van Zuilen D, Horwath K, Verstappen F. 2017. **Bone densities in three different populations of Common Spadefoots (*Pelobates fuscus*) by using Computed Tomography.** 9th European EAZA Nutrition Conference, Liberec, Tjech Republic. 26 – 29 January.

Afstudeerprojecten (universitair) studenten:

Evaluation of the cyclus and pregnancy in a female jaguar (*Panthera onca*) by fecal hormone analysis – Katalin Horvath (Faculty of Veterinary Medicine – Budapest, Hungary) in collaboration with Ghent University, Belgium.

Finding a possible retrovirus involved in hematopoietic neoplasms in capybara (*Hydrochoerus hydrochaeris*) – Karin van Dijk, Faculty of Veterinary Medicine, University of Utrecht, the Netherlands, in collaboration with Dutch Genomics Service & Support Provider, Swammerdam Institute for Life Sciences and University of Amsterdam, the Netherlands

The use of Genomics in zoological medicine – David Vos, University of Amsterdam, Swammerdam Institute for Life Sciences, Amsterdam, the Netherlands.

Evaluation of various parasitological methods in Zoölogical Settings – Pedro Silva, Faculty of Veterinary Medicine, University of Lisbon, Portugal.

Are retroviruses detectable in the tissues of capybaras (*Hydrochoerus hydrochaeris*) with multiple myeloma? – Amber Traast, Faculty of Veterinary Medicine, University of Utrecht, the Netherlands.