

# Misa SHIMIZU

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## Education

- 2023-until now. PhD student/ P. B. Šivickis Laboratory of Parasitology Nature Research Centre/ Lithuania
- 2021-2023. Master of Wild Animal Biology/ Royal Veterinary College/ United Kingdom
- Master's thesis: Contemporary genetic structure in the source population for the reintroduction of the New Zealand hihi, directed by Dr Patricia Brekke
- 2014-2020. Bachelor of Veterinary Medicine/ Nihon University/ College of Bioresource Science/ Department of Veterinary Medicine/ Japan
- Bachelor's thesis: Prevalence of haemosporidian parasites in captive penguins in Japan in 2018, directed by Professor Yukita Sato

## Work Experience

- 2023. Veterinarian/ Kunitachi Animal Hospital / Japan
- 2020-2021. Veterinarian/ Naoi Animal Hospital/ Japan

## Language

- Japanese: Native speaker
- English: Can write and speak at an intermediate level

## License

- National Veterinary License (Japan), Registration No. 59337, April 2020

## Other activities

- June 2021. Volunteer/ Red kite health check, conducted by the Zoological Society of London/ United Kingdom
- August 2018. Veterinary student internship/ Asahiyama Zoo/ Japan
- March 2018 and March 2015. Veterinary student internship/ Currumbin Wildlife Sanctuary/ Australia
- 2015-2017. Volunteer as a wildlife rehabilitator/ Wildlife Rescue Veterinarian Association Kanagawa Branch/ Japan

## Scholarships / Grant

- 2025.11.09-2025.12.01. British Society of Parasitology International Training and Fieldwork Award/ To conduct the fieldwork in The Gambia/ 1500 GBP
- 2025.09.13-19. COST Inclusiveness Target Countries Conference Grant/Attendance an oral presentation 5<sup>th</sup> International Congress on Parasites of Wildlife (ICPOW)/ 2000 EUR
- 2025.08.25-28 COST WIMANET 2<sup>nd</sup> Workshop grant/ 257.61 EUR
- 2025.08.18-22. COST WIMANET 2<sup>nd</sup> Summer School grant/ 322.61 EUR
- 2025.04.01-06.07. COST WIMANET Short-term Scientific Mission grant/ 1758 EUR

- 2025.03.08-06.07. Erasmus+ programme of the European Union Student Mobility for Traineeships / To attend the scientific mission at Keele University/ 2863 EUR
- 2024.11.22-29 Houghton Trust Travel Expense grant/ Attendance to VI International Conference on Malaria and Related Haemosporidian Parasites of Wildlife and III International Symposium of the Wildlife Disease Research Network/ 1210 GBP
- 2024 September-October. COST WIMANET Short-term Scientific Mission grant/ 3881 EUR
- 2024.09.01-07. 1<sup>st</sup> WIMANET Summer Training School grant/ 583.12 EUR
- 2021.09-2022.09. ITO Foundation for International Education Exchange/ 1700 EUR each month, for tuition fee: 3,000,000 JPY, and Round-trip flight fee

## SEMINARS/ WORKSHOPS/ CONFERENCES

- 2025.09.14-09.18. Diversity and host impacts of *Haemoproteus* parasite infection from vultures in The Gambia/ / **Shimizu, M.**, Chagas, C. R. F., Dunn J. C./ Oral Presentation/ 5th International Congress on Parasites of Wildlife (ICPOW). Skukuza, South Africa/
- 2025.08.25-28. 2nd WIMANET Workshop/ Oral presentation/ Vilnius, Lithuania
- 2025.08.18-22. 2nd WIMANET Summer School/ Vilnius, Lithuania
- 2025.03.08-06.07. Short-term scientific mission for analysis of vulture samples from The Gambia/ Keele University/ Stoke-on-Trent, United Kingdom/ 480h
- 2025.02.20-03.07. Fieldwork to collect blood samples from resident birds in The Gambia/ Collaborated with Kartong Bird Observatory (KBO)/ Kartong, The Gambia
- 2024.11.26-29 Geographical distributions and avian host specificity in *Haemoproteus* lineages: A review of two databases/ **Shimizu, M.**, Chagas, C. R. F., Dunn J. C./ Poster presentation/ VI International Conference on Malaria and Related Haemosporidian Parasites of Wildlife and III International Symposium of the Wildlife Disease Research Network/ Colombia
- 2024.11.23-25. Preconference Workshop on bird/bat methods and haematology/ Medellin, Colombia
- 2024.11.21. Geographical distributions and avian host specificity in *Haemoproteus* lineages: A review of two databases/ **Shimizu, M.**, Chagas, C. R. F., Dunn J. C./ Oral presentation/ Lithuanian Young Scientists' Conference "Biofuture: Perspectives of the Natural and Life Sciences"/ Lithuania
- 2024.09.25-10.26 Short-term scientific mission for analysis of vulture samples from The Gambia/ Keele University/ Stoke-on-Trent, United Kingdom/ 200h
- 2024.09.01-07. 1<sup>st</sup> WIMANET Summer Training School/ Czech Republic/ 35h
- 2019.08.30-09.01 Prevalence of haemosporidian parasites in captive penguins in Japan in 2018/Oral presentation/ The 25th Conference of Japanese Society of Zoo and Wildlife Medicine/ Japan

## Publication

1. **Shimizu, M.**, Chagas, C. R. F., and Dunn, J. C. (2025). Review of Genetic Information of Morphologically Described *Haemoproteus* Parasites Recorded in GenBank and MalAvi Databases. Integrative zoology.
2. Inumaru, M., **Shimizu, M.**, Shibata, A., Murata, K., and Sato, Y. (2025). The Difficulties of Ex Situ Conservation: A Nationwide Investigation of Avian Haemosporidia Among Captive Penguins in Japan. Journal of Zoological and Botanical Gardens 6(1)

3. Inumaru, M., Yamada, A., **Shimizu, M.**, Ono, A., Horinouchi, M., Shimamoto, T., Tsuda, Y., Murata, K. and Sato, Y. (2021). Vector incrimination and transmission of avian malaria at an aquarium in Japan: mismatch in parasite composition between mosquitoes and penguins. *Malaria Journal*20.
4. Inumaru, M., Aratani, S., **Shimizu, M.**, Yamamoto, M., Sato, Y., Murata, K. and Valkiūnas, G. (2020). Penguins are competent hosts of *Haemoproteus* parasites: the first detection of gametocytes, with molecular characterization of *Haemoproteus larvae*. *Parasites & Vectors*13.