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EDUCATION

March, 1989 PhD, Graduate School of Veterinary Science, Hokkaido University, Japan (Veterinary Parasitology).
March, 1986 Master, Graduate School of Veterinary Science, Tottori University, Japan (Veterinary Pathology).
March, 1984 Bachelor of Veterinary Medicine, Department of Veterinary Medical Sciences, Faculty of Agriculture, Tottori University, Japan.

APPOINTMENTS April, 2014-present Dean, United Graduate School of Veterinary Science, Yamaguchi University, Japan. April, 2012-present Member of the council committee of education and research of Yamaguchi University, Japan. July, 2010-March, 2012 Department Head, Department of Veterinary Science, Joint Faculty of Veterinary Science, Yamaguchi University, Japan. April, 2010-Present Professor, Laboratory of Parasitology, Joint Faculty of Veterinary Medicine, Yamaguchi University, Japan. Professor, United Graduate School of Veterinary Science, Yamaguchi University, Japan. March, 2006-March, 2010 Associate Professor, Laboratory of Veterinary Parasitology, Department of Veterinary Medicine, Faculty of Agriculture, Yamaguchi University, Japan.
Associate Professor, United Graduate School of Veterinary Science, Yamaguchi University, Japan. July, 2001-

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February, 2006 Lecturer, Department of Parasitology, Hirosaki University School of Medicine, Japan. April, 1990-June, 2001 Instructor, Department of Parasitology, Hirosaki University School of Medicine, Japan April, 1989–March, 1990 Research Fellow of The Japan Society for the Promotion Science (Department of Veterinary Parasitology, Faculty of Veterinary

Medicine, Hokkaido University, Japan).

OTHER POSITIONS March, 2012-September, 2017 Editor-in-Chief, Japanese Journal of Veterinary Parasitology March, 2004-March, 2007 Invited Associate Professor, School of Veterinary Medicine, Azabu University, Japan March, 2002-August, 2003 Invited Reseacher, Division of Biochemistry and Molecular Biology, Institute of Biomedical and Life Sciences, University of Glasgow, Scotland October, 1999-March, 2001 Part-time Lecturer, Hirosaki University School of Health Sciences, Japan. October, 1993-September, 1994 Invited Researcher, Institute of Hygiene, University of the Republic, Montevideo, Uruguay as a Long-term Expert of The Japan International Cooperation Agency (JICA).

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2. Umemura T, Sato H, Goryo M and Itakura C: Histopathology of congenital and perinatal cerebellar anomalies in twelve calves. Jpn J Vet Sci 49: 95-104; 1987.
3. Sato H, Kawase S, Oku Y, Kamiya M and Ohbayashi M: Acidophilic protein crystals in lungs and bile ducts of helminth-infected mice. Jpn J Vet Sci 50: 299-302; 1988.
4. Sato H, Narama I, Tsuchitani T, Itakura C and Ohbayashi M: Idiopathic pulmonary hemorrhage in a mouse. Jpn J Vet Sci 50: 557-559; 1988.
5. Sato H, Kamiya H and Ohbayashi M: Hymenolepidid and dilepidid cestodes with armed rostellum in shrews, *Sorex* spp., from Hokkaido, Japan. Jpn J Vet Res 36: 119-131; 1988.
6. Sato H, Okamoto M, Ohbayashi M and Basanez M G: A new cestode, *Raillietina* (*Raillietina*) *oligocapsulata* n. sp., and *R. (R.) demerariensis* (Daniels, 1895) from Venezuelan mammals. Jpn J Vet Res 36: 31-45; 1988.
7. Sato H and Kamiya M: Viable egg production of *Taenia crassiceps* developed in the intestine of prednisolone-treated golden hamsters. Jpn J Parasitol 38: 46-53; 1989.
8. Sato H and Kamiya M: Deleterious effect of prednisolone on the attachment of *Taenia crassiceps* cysticerci to the intestine of gerbils. Jpn J Vet Sci 51: 1099-1101; 1989.
9. Kamiya M and Sato H: Survival, strobilation and sexual maturation of *Echinococcus*

multilocularis in the intestine of golden hamsters. Parasitology 100: 125-130; 1990. 10. Sato H and Kamiya M: Extraintestinal strobilar development of immature Echinococcus multilocularis in laboratory rodents following intra-tracheal inoculation of the protoscoleces. Int J Parasitol 20: 689-692; 1990. 11. Kamiya M and Sato H: Complete life-cycle of the canid tapeworm, Echinococcus multilocularis, in laboratory rodents. FASEB J 4: 3334-3339; 1990. 12. Sato H and Kamiya M: Establishment, development and fecundity of Taenia crassiceps in the intestine of prednisolone-treated Mongolian gerbils and inbred mice. J Helminthol 64: 217-222; 1990. 13. Fujita O, Oku Y, Okamoto M, Sato H, Ooi H-K, Kamiya M and Rausch R L (1991): Early development of larval Taenia polyacantha in experimental intermediate hosts. J Helminthol Soc Washington 58: 100-109; 1991. 14. Sato H and Kamiya M: Occurrence of a Syngamus sp. in tundra voles (Microtus oeconomus) collected on St. Lawrence Island, Bering Sea. J Wildl Dis 28: 134-137; 1992. 15. Kumagai M, Sato H and Kamiya H: Migration kinetics of ultraviolet-attenuated Schistosoma mansoni in ICR mice. Jpn J Parasitol 41: 300-305; 1992. 16. Sato H, Kamiya H and Hanada K: Five confirmed human cases of gnathostomiasis nipponica in northern Japan. J Parasitol 78: 1006-1010; 1992. 17. Sato H, Oku Y, Kamiya M and Rausch R L: Establishment and survival of the strobilar stage of Taenia crassiceps in hamsters, gerbils and mice, with reference to different helminth isolates. Parasitol Res 79: 619-623; 1993. 18. Sato H, Kamiya H and Tenora F: Anoplocephaloides dentatoides sp. n. from the gray-backed voles, Clethrionomys rufocanus bedfordiae, in Hokkaido, Japan. J Helminthol Soc Washington 60: 105-110; 1993. 19. Sato H, Kamiya H, Oku Y and Kamiya M: Infection course of the strobilar stages of Taenia crassiceps in golden hamsters, with reference to host responses. Parasitol Res 80: 99-103; 1994. 20. Sato H and Kamiya H: Role of epidermal Langerhans' cells in the induction of protective immunity to Schistosoma mansoni in guinea-pigs. Immunology 84: 233-240; 1995. 21. Sakai H, Malgor R, Basmadjian I, Gallardo R, Carmona C, Sato H, Oku Y and Kamiya M: An enzyme-linked immunosorbent assay (ELISA) for the detection of Echinococcus granulosus

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mansonii. *Hiroshima Med J* 49: 49-57; 1997. 27. El Ridi R, Ozaki T, Sato H, Inaba T and Kamiya H: Immunization of mice with ultraviolet-attenuated cercariae of *Schistosoma mansoni* transiently reduces the fecundity of challenge worm. *Int J Parasitol* 27: 581-586; 1997. 28. Sato H and Kamiya H: Accelerated influx of dendritic cells into the lymph nodes draining skin sites exposed to attenuated cercariae of *Schistosoma mansoni* in guinea-pigs. *Parasite Immunol* 20: 337-343; 1998. 29. Sato H, Inaba T, Ihama Y and Kamiya H: Parasitological survey on wild Carnivora in north-western Tohoku, Japan. *J Vet Med Sci* 61: 1023-1026; 1999. 30. Sato H, Ihama Y, Inaba T and Kamiya H: Helminth fauna of carnivores distributed in north-western Tohoku, Japan, with special reference to *Mesocestoides paucitestis* and *Brachylaima tokudai*. *J. Vet. Med. Sci.* 61: 1339-1342; 1999. 31. Sterla S, Sato H and Nieto A: *Echinococcus granulosus* human infection stimulates low avidity anticarbohydrate IgG2 and high avidity antipeptide IgG4 antibodies. *Parasite Immunol* 21: 27-34; 1999. 32. Chisty M M, Nargis M, Sato H, Inaba T and Kamiya H: Occurrence of myocarditis in rodents

infected with *Schistosoma mansoni*. *Southeast Asian J Trop Med Public Health* 30: 556-561; 1999. 33. Sato H, Chisty M M, and Kamiya H: Anti-Thy-1 monoclonal antibody-induced glomerulonephritis in Mongolian gerbils. *Comp Med* 50: 603-608; 2000. 34. Sato H and Kamiya H: Immunofluorescent localization of intermediate filaments (IFs) in helminths using anti-mammalian IFs monoclonal antibody. *J Parasitol* 86: 711-715; 2000. 35. Sato H, Ihama Y and Kamiya H: Survival of destrobilated adults of *Taenia crassiceps* in T-cell-depleted Mongolian gerbils. *Parasitol Res* 86: 284-289; 2000. 36. Ihama Y, Sato H, Makino Y and Kamiya H: Two *Taenia* species found in Japan, with new distribution record of *Taenia polyacantha* Leuckart, 1856 (Cestoda: Taeniidae). *Parasitol Int* 48: 303-306; 2000. 37. Nargis M, Chisty M M, Ihama Y, Sato H, Inaba T and Kamiya H: Kinetics of *Trypanosoma cruzi* infection in guinea-pigs, with special reference to the involvement of epidermal Langerhans' cells in the induction of immunity. *Parasitology* 123: 373-380; 2001. 38. Sato H, Chisty M M, Inaba T, Yagisawa M and Kamiya H (2001): Monoclonal antibodies reactive with dendritic cells of Mongolian gerbils. *Comp Med* 51: 234-238; 2001. 39. Sato H and Kamiya H: Defect of protective immunity to *Schistosoma mansoni* infection in Mongolian gerbils involves limited recruitment of dendritic cells in the vaccinated skin. *Parasite Immunol* 23: 627-632; 2001. 40. Sato H, Furuoka H and Kamiya H: First outbreak of *Baylisascaris procyonis* larva migrans in rabbits in Japan. *Parasitol. Int.* 51: 105-108; 2002. 41. Chisty M M, Nargis M, Sato H, Inaba T, Takahashi G and Kamiya H: *Schistosoma mansoni*: kinetics of glomerulonephritis in Mongolian gerbils and its correlation with intensity and duration of infection. *Parasite* 9: 143-151; 2002. 42. Sato H, Kusel J R and Thornhill J: Functional visualization of the excretory system of adult *Schistosoma mansoni* by the fluorescent marker resorufin. *Parasitology* 125: 527-535; 2002. 43. Lacayo J, Sato H, Kamiya H and McVoy M A: Down-regulation of surface major histocompatibility complex class I by guinea pig cytomegalovirus. *J Gen Virol* 84: 75-81; 2003. 44. Akao N, Hayashi E, Sato H, Fujita K and Furuoka H: Diffuse retinochoroiditis due to *Baylisascaris procyonis* in Mongolian gerbils. *J Parasitol* 89: 174-

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and Kamiya H: Recovery of the everted cystacanth of seven acanthocephalan species of birds from feral raccoons (*Procyon lotor*) in Japan. *J Vet Med Sci.* 67: 1203-1206; 2005. 60. Sato H, Suzuki K and Aoki M: Nematodes from raccoon dogs (*Nyctereutes procyonoides viverrinus*) introduced recently on Yakushima Island, Japan. *J Vet Med Sci* 68: 693-700; 2006. 61. Sato H, Suzuki K and Aoki M: Juvenile bird acanthocephalans recovered incidentally from raccoon dogs (*Nyctereutes procyonoides viverrinus*) on Yakushima Island, Japan. *J Vet Med Sci* 68: 689-692; 2006. 62. Sato H, Suzuki K, Osanai A and Aoki M: *Paragonimus westermani* and some rare intestinal trematodes recovered from raccoon dogs introduced recently on Yakushima Is., Japan. *J Vet Med Sci* 68: 681-687; 2006. 63. Sato H and Suzuki K: Gastrointestinal helminthes of feral raccoons (*Procyon lotor*) in Wakayama Prefecture, Japan. *J Vet Med Sci* 68: 311-318; 2006. 64. Sato H, Suzuki K, Osanai A, Kamiya H and Furuoka H: Identification and characterization of the threadworm, *Strongyloides procyonis*, from feral raccoons (*Procyon lotor*) in Japan. *J Parasitol* 92: 63-68; 2006. 65. Sato H, Al-Adhami B H, Une Y and Kamiya H: *Trypanosoma* (*Herpetosoma*) *kuseli* sp. n. (Protozoa: Kinetoplastida) in Siberian flying squirrels (*Pteromys volans*). *Parasitol Res* 101: 453-461; 2007. 66. Inoue T, Nonaka N, Mizuno A, Morishima Y, Sato H, Katakura K and Oku Y: Mitochondrial DNA phylogeography of the red fox (*Vulpes vulpes*) in northern Japan. *Zool Sci* 24: 1178-1186; 2007. 67. Sato H, Torii H, Une Y and Ooi H-K: A new rhabditoid nematode species in Asian sciurids,

distinct from *Strongyloides robustus* in North American sciurids. *J Parasitol* 93: 1476-1486; 2007. 68. Sato H, Suzuki K and Yokoyama M: Visceral helminthes of wild boars (*Sus scrofa leucomystax*) in Japan, with special reference to a new species of the genus *Morgascaridia* Inglis, 1958 (Nematoda: Schneidernematidae). *J Helminthol* 82: 159-168; 2008. 69. Hasegawa H, Sato H, Iwakiri E, Ikeda Y and Une Y: Helminths collected from imported pet murids, with special reference to concomitant infection of the golden hamsters with three pinworm species of the genus *Syphacia* (Nematoda: Oxyuridae). *J Parasitol* 94: 752-754; 2008. 70. Sato H, Tanaka S, Une Y, Torii H, Yokoyama M, Suzuki K, Amimoto A and Hasegawa H: The stomal morphology of parasitic females of *Strongyloides* spp. by scanning electron microscopy. *Parasitol Res* 102: 541-546; 2008. 71. Sato H, Leo N, Katakai Y, Takano J, Akari H, Nakamura S and Une Y: Prevalence and molecular phylogenetic characterization of *Trypanosoma* (*Megatrypanum*) *minasense* in the peripheral blood of small neotropical primates after a quarantine period. *J Parasitol* 94: 1128-1138; 2008. 72. Hasegawa H, Hayashida S, Ikeda Y and Sato H: Hyper-variable regions in 18S rDNA of *Strongyloides* spp. as markers for species-specific diagnosis. *Parasitol Res* 104: 869-874; 2009. 73. Sato H, Takano A, Kawabata H, Une Y, Watanabe H and Mukhtar M M: *Trypanosoma* cf. *varani* in an imported ball python (*Python reginus*) from Ghana. *J Parasitol* 95: 1029-1033; 2009. 74. Ohno Y, Sato H, Suzuki K, Yokoyama M, Uni S, Shibasaki T, Sashika M, Inokuma H, Kai K and Maeda K: Detection of antibodies against Japanese encephalitis virus in raccoons, raccoon dogs and wild boars in Japan. *J Vet Med Sci* 71: 1035-

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the mitochondrial cytochrome b and cytochrome c oxidase subunit II genes. *Zool Sci* 27: 269-278; 2010. 77. Kato H, Uezato H, Sato H, Bhutto A M, Soomro F R, Baloch J H, Iwata H and Hashiguchi Y: Natural infection of the sand fly *Phlebotomus kazeruni* by *Trypanosoma* species in Pakistan. *Parasite Vector* 3: 10; 2010. 78. Sato H, Ihara S, Inaba O and Une Y: Identification of *Euryhelmis costaricensis* metacercariae in the skin of Tohoku hynobiid salamanders (*Hynobius lichenatus*) distributed in northeastern Honshu, Japan. *J Wildl Dis* 46: 832-842; 2010. 79. Matsukane Y, Sato H*, Tanaka S, Kamata Y and Sugita-Konishi Y: *Kudoa septempunctata* n. sp. (Myxosporea: Multivalvulida) from an aquacultured olive flounder (*Paralichthys olivaceus*) imported from Korea. *Parasitol Res* 107: 865-872; 2010. 80. Hasegawa H, Sato H, Fujita S, Nguema P P M, Nobusue K, Miyagi K, Kooriyama T, Takenoshita Y, Noda S, Sato A, Morimoto A, Ikeda Y and Toshisada Nishida T: Molecular identification of the causative agent of human strongyloidiasis acquired in Tanzania: dispersal and diversity of *Strongyloides* spp. and their hosts. *Parasitol Int* 59: 407-413; 2010. 81. Matsukane Y, Sato H, Tanaka S, Kamata Y and Sugita-Konishi Y: *Kudoa iwatai* and two novel *Kudoa* spp., *K. trachuri* n. sp. and *K. thunni* n. sp. (Myxosporea: Multivalvulida), from daily consumed marine fish in western Japan. *Parasitol Res* 108: 913-926; 2011. 82. Halajian A, Eslami A, Salehi N, Ashrafi-Helan, J and Sato H: Incidence and genetic characterization of *Gongylonema pulchrum* in cattle slaughtered in Mazandaran Province, Northern Iran. *Iranian J Parasitol* 5: 10-18; 2010. 83. Kameo Y, Nagao Y, Nishio Y, Shimoda H, Nakano H, Suzuki K, Une Y, Sato H, Shimojima M and Maeda K: Epizootic canine distemper virus infection among wild mammals. *Vet Microbiol* 154: 222-229; 2012. 84. Hasegawa H, Sato H and Torii H: Redescription of *Enterobius* (*Enterobius*) *macaci* Yen, 1973 (Nematoda: Oxyuridae: Enterobiinae) based on material collected from wild Japanese macaque, *Macaca fuscata* (Primates: Cercopithecidae). *J Parasitol* 98: 152-159; 2012. 85. Harada T, Kawai T, Sato H, Yokoyama H and Kumeda Y: Development of a quantitative polymerase chain reaction assay for detection of *Kudoa septempunctata* in olive flounder (*Paralichthys olivaceus*). *Int J Food Microbiol* 156: 161-167; 2012. 86. Yamane K, Suzuki Y, Tachi E, Li T, Chen X, Nakao M, Nkouawa A, Yanagida T, Sako Y, Ito

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