

CURRICULUM VITAE

Naoki Tsukahara

Assistant professor,
The Center for the Promotion of Integrated Sciences,
The Graduate University for Advanced Studies,
Shonan Village, Hayama, Kanagawa 240-0193 Japan
+81-46-858-1624

e-mail: tsukahara_naoki@soken.ac.jp

HP: <http://tsukahara.ojaru.jp/>

RESEARCH POSITIONS

2013-present Assistant professor, The Center for the Promotion of Integrated Sciences, The Graduate University for Advanced Studies

2008-2013 Post-doctoral Fellow, Utsunomiya University Center for Optical Research & Education, Utsunomiya University

2006-2008 Research assistant, Tokyo University of Agriculture and Technology

EDUCATION

2008 Ph.D., Tokyo University of Agriculture and Technology, Tokyo

2005-2008 Doctoral course, Animal Science, Tokyo University of Agriculture and Technology, Tokyo

2003-2005 Master course, Animal Science, Utsunomiya University, Tochigi

1998-2003 Bachelor program, Animal Science, Utsunomiya University, Tochigi

1995-1998 Kiryu High School, Gunma

AWARDS

2008 Encouragement Prize at the Japanese Association of Veterinary Anatomists.

2008 Honor Student, Tokyo University of Agriculture and Technology.

2007 Best Presentation Award at the 143rd Meeting of the Japanese Society of Veterinary Science.

2005-2008 JASSO (Japan Student Services Organization) First-Class Scholarship (with full exemption from refund).

PUBLICATIONS

1. Tsukahara N, Yuri T, Hideyuki K, Sugita S, Light Transmission of the Ocular Media in Birds and Mammals, The Journal of Veterinary Medical Science. in press.
2. Maeda I, Siddiki MS, Nozawa-Takeda T, Tsukahara N, Tani Y, Naito T, Sugita S, Population Abundance of Potentially Pathogenic Organisms in Intestinal Microbiome of Jungle Crow (*Corvus macrorhynchos*) Shown with 16S rRNA Gene-Based Microbial Community Analysis, BioMed Research International. in press.
3. Islam MN, Tsukahara N, Sugita S, Apoptosis-mediated seasonal testicular regression in the Japanese Jungle crow (*Corvus macrorhynchos*), Theriogenology. Vol. 77. No. 9. pp 1854-1865. (2012).
4. Tsukahara N, Murata H, Koike Y, Sugita S, Comparison of the required latency to complete discrimination learning by jungle crows in response to cue stimulations of various light wavelengths, Animal Behaviour and Management, Vol. 48. No. 1. pp. 1-7, (2012), Japanese.
5. Tani Y, Tsukahara N, Kabuyama Y, Nihei K, Sugita S. Cholesterol ester and apolipoprotein A-I in chicken cornea. The Journal of Poultry Science. Vol. 49. pp. J1-J6, (2012), Japanese.
6. Kober AK, Aoyama M, Tsukahara N, Sugita S, The effects of acute transportation stress on the adrenal gland of the domestic chicken (*Gallus domesticus*). Animal Behaviour and Management, Vol. 47. No. 3. pp. 97-103, (2011).
7. Tsukahara N, Tani Y, Nihei K, Kabuyama Y, Sugita S. High levels of apolipoproteins found in the soluble fraction of avian cornea. Experimental Eye Research. Vol. 92. No. 5. pp. 432-435. (2011).
8. Tsukahara N, Tani Y, Lee E, Kikuchi H, Endoh K, Ichikawa M, Sugita S. Microstructure Characteristics of the Cornea in Birds and Mammals. The Journal of veterinary medical science. Vol. 72, No. 9, pp. 1137-1143 (2010).
9. Yokosuka M, Hagiwara A, Saito T, Tsukahara N, Aoyama M, Wakabayashi Y, Sugita S, Ichikawa M. Histological properties of the nasal cavity and olfactory bulb of the Japanese jungle crow *Corvus macrorhynchos*. Chemical senses. Vol. 34, No. 7, pp. 581-593, (2009).
10. Tsukahara N, Kamata N, Nagasawa M, Sugita S. Bilateral innervation of syringeal muscles by the hypoglossal nucleus in the jungle crow (*Corvus*

- macrorhynchos). *Journal of Anatomy*. Vol. 215, pp. 141-149. (2009).
11. Tsukahara N, Yang Q, Sugita S. Structure of the syringeal muscles in jungle crow (*Corvus macrorhynchos*). *Anatomical Science International*. Vol. 83, pp. 152-158. (2008).
 12. Tsukahara N, Aoyama M, Sugita S. Differences in vocalization and morphology of the syrinx between Carrion crows (*Corvus corone*) and Jungle crows (*C. macrorhynchos*). *Kaibogaku Zasshi*. Vol. 82, No. 4, pp. 129-135, (2007), Japanese.
 13. Tsukahara N, Koike Y, Aoyama M, Sugita S. The differences in the vocalizations and the vocal organs between Carrion Crows *Corvus corone* and Jungle Crows *C. macrorhynchos*. *Japanese Journal of Ornithology*. Vol. 56, No. 2, pp. 163-169, (2007), Japanese.
 14. Aoyama M, Zhu X, Tsukahara N, Watanabe J, Sugita S. Seasonal change in the gonadal glands of Jungle Crows (*Corvus macrorhynchos*) in the Kanto area. *Japanese Journal of Ornithology*. Vol. 56, No. 2, pp. 157-162, (2007), Japanese.
 15. Tsukahara N, Aoyama M, Sugita S. Sexual differences in the vocalizations and vocal organs of the Jungle Crow *Corvus macrorhynchos*. *Japanese Journal of Ornithology*. Vol. 55, No. 1, pp. 7-17, (2006), Japanese.

PATENT

Tsukahara N, Sugita S, Aoyama M. The method of driving away crows. Japan patent No. 2009-136214, Published on 25 June 2009.

TEACHING EXPERIENCE

2006-2007 Lecturer for physiology practice, Jichi Medical University

2006-2007 Lecturer for animal morphology, The Tochigi Prefectural Agricultural College

2005-2008 Teaching Assistant, Tokyo University of Agriculture and Technology

SOCIETIES ACTIVITY

Member, The Ornithological Society of Japan, 2003-present

Member, The Japan Neuroscience Society, 2005-2013

Member, The Japanese Society of Veterinary Science, 2007-present

Member, The Japanese Association of Anatomists, 2007-2013t

Member of the committee for the symposium projected by young scientists, The

Japanese Society of Animal Science, 2009-present