

CURRICULUM VITAE

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Education:

B. S., Pharmacology, Niigata University of Pharmacy and Applied Life Sciences, 1981

M.S., Pharmacology, Kanazawa University, 1984

Degree:

Ph.D., Pharmacology, University of Tokyo, 1992

Career Statement:

Professor, University of Shizuoka, 2006-present

- School of Food and Nutritional Sciences, 2008-present
- Graduate School of Integrated Pharmaceutical and Nutritional Sciences, Graduate Division of Nutritional and Environmental Sciences, Department of Food and Nutritional Sciences, 2012-present
- Graduate School of Nutrition and Environmental Sciences, 2006-2012
- Institute for Environmental Sciences, 2006-2008
Associate Professor, University of Shizuoka, 2002-2006
- Graduate School of Nutrition and Environmental Sciences, 2002-2006
- Institute for Environmental Sciences, 2002-2006
Research Scientist (Adjunct Assistant Professor), the Ohio State University, 1997-2002
- Department of Veterinary Biosciences
Research Associate, Niigata University of Pharmacy and Applied Life Sciences, 1984-1996
- College of Pharmaceutical Sciences

Major Research Interest:

Applied microbiology, especially functional analysis of bifidobacteria & lactic acid bacteria
Medical microbiology, especially epidemiology and intracellular parasitism of pathogenic

bacteria that cause food-borne or tick-borne infectious disease

Publication List (2010-present):

1. Waki N, Kuwabara Y, Yoshikawa Y, Suganuma H, Koide H, Oku N, Ohashi N. Amelioration of *Citrobacter rodentium* proliferation in early stage of infection in mice by pre-treatment with *Lactobacillus brevis* KB290 and verification using in vivo bioluminescence imaging. *FEMS Microbiol Lett.* (in press)
2. Sakakibara Y, Sen E, Sato K, Kawabata H, Ohashi N, Masuzawa T. Detection and characterization of emerging relapsing fever pathogen, *Borrelia miyamotoi*, from *Ixodes ricinus* tick on rural Trakya (Thrace) region of north western Turkey. *Vector Borne Zoonotic Dis.* **16**, 797-799 (2016)
3. Khasnatinov MA, Danchinova GA, Takano A, Kawabata H, Ohashi N, Masuzawa T. Prevalence of *Borrelia miyamotoi* in *Ixodes persulcatus* in Irkutsk City and its neighboring territories, Russia. *Ticks Tick Borne Dis.* **7**, 394-397 (2016)
4. Wu D, Wuritu, Yoshikawa Y, Gaowa, Kawamori F, Ikegaya A, Ohtake M, Ohashi M, Shimada M, Takada A, Iwai K, Ohashi N. Molecular and serological survey of *Rickettsiales* bacteria in wild sika deer (*Cervus nippon nippon*) in Shizuoka prefecture, Japan: High prevalence of *Anaplasma* species. *Jpn J Infect Dis.* **68**, 434-437 (2015)
5. Kato A, Sakakibara H, Tsuboi H, Tatsumi A, Akimoto M, Shimoi K, Ishii T, Kaneko H, Nakayama T, Ohashi N. Depressive symptoms of female nursing staff working in stressful environments and their association with serum creatine kinase and lactate dehydrogenase-a preliminary study. *BioPsychoSocial Medicine* **8**, 21 (2014)
6. Todoroki K, Ishii Y, Miyauchi C, Kitagawa S, Min JZ, Inoue K, Yamanaka T, Suzuki K, Yoshikawa Y, Ohashi N, Toyo'oka T. Simple and sensitive analysis of histamine and tyramine in Japanese soy sauces and their intermediates using the stable isotope dilution HILIC-MS/MS method. *J Agric Food Chem.* **62**, 6206-6211 (2014)
7. Tanaka K, Ohgo Y, Katayanagi Y, Yasui K, Hiramoto S, Ikemoto H, Nakata Y, Miyoshi N, Isemura M, Ohashi N, Imai S. Anti-inflammatory effects of green soybean extract irradiated with visible light. *Scientific Reports* **4**, Article number: 4732 doi:10.1038/srep04732 (Published 22 April 2014)
8. Gaowa, Yoshikawa Y, Ohashi N, Wu D, Kawamori F, Ikegaya A, Watanabe T, Saitoh K, Takechi D, Murakami Y, Shichi D, Aso K, Ando S. *Anaplasma phagocytophilum*

antibodies in humans, Japan, 2010-2011. *Emerg. Infect. Dis.* **20**, 508-509 (2014)

9. Ohashi N, Gaowa W, Writu, Kawamori F, Wu D, Yoshikawa Y, Chiya S, Fukunaga K, Funato T, Shiojiri M, Nakajima H, Hamazu Y, Takano A, Kawabata H, Ando S, Kishimoto T. Human granulocytic anaplasmosis in Japan. *Emerg Infect Dis.* **19**, 289-292 (2013)
10. Gaowa, Ohashi N, Aochi M, Writu, Wu D, Yoshikawa Y, Kawamori F, Honda T, Fujita H, Takada N, Oikawa Y, Kawabata H, Ando S, Kishimoto T. Rickettsiae in ticks, 2007-2011 Japan. *Emerg Infect. Dis* **19**, 338-340 (2013)
11. Shinohara M, Uchida K, Shimada S, Tomioka K, Suzuki N, Minegishi T, Kawahashi S, Yoshikawa Y, Ohashi N. Application of a simple method using minute particles of amorphous calcium phosphate for recovery of norovirus from cabbage, lettuce, and ham. *J Virol Methods* **187**, 153-158 (2013)
12. Ybañez AP, Sato F, Nambo Y, Fukui T, Masuzawa T, Ohashi N, Matsumoto. K., Kishimoto. T., and Inokuma. H. Survey on Tick-Borne Pathogens in Thoroughbred Horses in the Hidaka District, Hokkaido, Japan. *J Vet Med Sci.* **75**, 11-15 (2013)
13. Hiroi M, Matsui S, Kubo R, Iida N, Noda Y, Kanda T, Sugiyama, K., Hara-Kudo Y, Ohashi N. Factors for occurrence of extended-spectrum β -lactamase-producing *Escherichia coli* in broiler. *J Vet Med Sci.* **74**, 1635-1637 (2012)
14. Sakakibara H, Suzuki A, Kobayashi A, Motoyama K, Matsui A, Sayama K, Kato A, Ohashi N, Akimoto M, Nakayama T, Shimoi K. Social isolation stress induces hepatic hypertrophy in C57BL/6J mice. *J Toxicol Sci.* **37**, 1071-1076 (2012)
15. Hiroi M, Takahashi N, Harada T, Kawamori F, Iida N, Kanda T, Sugiyama K, Ohashi N, Hara-Kudo Y, Masuda T. Serotype, Shiga toxin (Stx) type, and antimicrobial resistance of Stx-producing *Escherichia coli* isolated from humans in Shizuoka Prefecture, Japan (2003-2007). *Jpn J Infect Dis.* **65**, 198-202 (2012)
16. Gaowa, Writu, Wu D, Yoshikawa Y, Ohashi N, Kawamori F, Sugiyama K, Ohtake M, Ohashi M, Yamamoto S, Kitano T, Takada N, Kawabata H. Detection and characterization of *p44/msp2* transcript variants of *Anaplasma phagocytophilum* from naturally infected ticks and wild deer in Japan, *Jpn J Infect Dis.* **65**, 79-83 (2012)
17. Hiroi M, Yamazaki F, Harada T, Takahashi N, Iida N, Noda Y, Yagi M, Nishio T, Kanda

- T, Kawamori F, Sugiyama K, Masuda T, Hara-Kudo Y, Ohashi N. Prevalence of extended-spectrum β -lactamase-producing *Escherichia coli* and *Klebsiella pneumoniae* in food-producing animals. *J Vet Med Sci.* 74:189-195 (2012)
18. Matsumoto K, Takeuchi T, Yokoyama N, Katagiri Y, Ooshiro M, Zakimi S, Gaowa, Kawamori F, Ohashi N, Inokuma H. Detection of the new *Ehrlichia* species closely related to *Ehrlichia ewingii* from *Haemaphysalis longicornis* in Yonaguni Island, Okinawa, Japan. *J Vet Med Sci.* **73**, 1485-1488 (2011)
 19. Sen E, Uchijima Y, Kadosaka T, Ohashi N, Okamoto Y, Fukui T, Masuzawa T. Molecular detection of *Anaplasma phagocytophilum* and *Borrelia burgdorferi* in *Ixodes ricinus* ticks from Istanbul metropolitan area and rural Trakya (Thrace) region of Northwestern Turkey. *Ticks Tick Borne Dis.* **2**, 94-98 (2011)
 20. Shinohara M, Uchida K, Shimada S, Tomioka K, Suzuki N, Minegishi T, Kawahashi S, Yoshikawa Y, Ohashi N. Novel concentration method for detection of norovirus and sapovirus from water using minute particles of amorphous calcium phosphate. *J Med Microbiol.* **60**, 780-786 (2011)
 21. Hiroi M, Harada T, Kawamori F, Takahashi N, Kanda T, Sugiyama K, Masuda T, Yoshikawa Y, Ohashi N. A survey of β -lactamase-producing *Escherichia coli* in farm animals and raw retail meat in Shizuoka prefecture, Japan. *Jpn J Infect Dis.* **64**, 153-155 (2011)
 22. Fujimoto S, Mochizuki K, Shimada M, Hori T, Murayama Y, Ohashi N, Goda T. Insulin resistance induced by a high-fat diet is associated with the induction of genes related to leukocyte activation in rat peripheral leukocytes. *Life Sci.* **87**, 679-685 (2010)
 23. Hayashi T, Nakamichi M, Naitou H, Ohashi N, Imai Y, Miyake M. Proteomic analysis of growth phase-dependent expression of *Legionella pneumophila* proteins for identifying novel virulence-associated factors. *PLoS One* **22**, e11718 (2010)
 24. Katanasaka Y, Ishii T, Asai T, Naitou H, Maeda N, Koizumi F, Miyagawa S, Ohashi N, Oku N. Cancer antineovascular therapy with liposome drug delivery systems targeted to BiP/GRP78. *Int J Cancer* **127**, 2685-2698 (2010)
 25. Kato A, Naitou H, Namioka M, Akimoto M, Ishii T, Sakakibara H, Shimoï K, Nakayama T, Ohashi N. Proteomic identification of serum proteins associated with stress-induced gastric ulcers in fasted rats. *Biosci Biotech Biochem.* **74**, 812-818 (2010)

