

CARRICULUM VITAE

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Position:

Vice Dean of Nursing
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Specialty:

Fundamental Nursing

Degree:

1988 Diploma in Nursing (National Sanatorium Saishunso Hospital Nursing School)
2002 Bachelor of Science in Nursing (Oita University of Nursing and Health Sciences)
2006 Ph D in Human Care Science (Graduate School of Comprehensive Human Sciences, University of Tsukuba)

License:

1988 RN Japanese Ministry of Health, Labor and Welfare
2002 PHN Japanese Ministry of Health, Labor and Welfare
2004 School Nurse (Ibaraki Prefecture)

Professional Experience:

2005 Assistant Professor, School of Nursing, Oita University of Nursing and Health Sciences
2006 Senior Assistant Professor, School of Nursing, Ishikawa Prefectural Nursing University
2007 Senior Assistant Professor, School of Nursing, University of Shizuoka
2011 Associate Professor, International University of Health and Welfare Graduate School

Part-time Senior Assistant Professor, School of Nursing, University of Shizuoka
2014 Professor, School of Nursing, University of Shizuoka

Research :

1) S Yoshida, K Hiyoshi, S Oshio, H Takano, K Takeda, T Ichinose : Effects of fetal exposure to carbon nanoparticles on reproductive function in male offspring. *Fertility and Sterility* 93 (5) 1695-1699, 2010.

2) S Yoshida, K Hiyoshi, T Ichinose, M Nishikawa, H Takano, I Sugawara, K Takeda : Aggravating effect of Natural sand dust on Male reproductive Function in mice. *Reproductive Medicine and Biology* 8 : 151-156, 2009.

3) Y Totsuka, T Higuchi, T Imai, A Nishikawa, T Nohmi, T Kato, S Masuda, N Kinae, K Hiyoshi, S Ogo, M Kawanishi, T Yagi, T Ichinose, N Fukumori, M Watanabe, T Sugimura, K Wakabayashi : Genotoxicity of nano/microparticles in in vitro micronuclei, in vivo comet and mutation assay systems. *Particle and Fibre Toxicology* 6 : 23, 2009.

4) T Ichinose, K Hiyoshi, S Yoshida, H Takano, M Nishikawa, I Mori, H Kawazato, A Yasuda, T Shibamoto : Asian sand dust aggravates allergic rhinitis in guinea pigs induced by Japanese cedar pollen. *Inhalation Toxicology* 21 (12) 985-993, 2009.

5) S Yoshida, K Hiyoshi, T Ichinose, H Takano, S Oshio, I Sugawara, K Takeda, T Shibamoto : Effect of nanoparticles on the male reproductive system of mice. *International journal of andrology* 32 (4) 337-342, 2009.

6) T Ichinose, S Yoshida, K Hiyoshi, K Sadakane, H Takano, M Nishikawa, I Mori, R Yanagisawa, H Kawazato, A Yasuda, T Shibamoto : The effects of microbial materials adhered to Asian sand dust on allergic lung inflammation. *Archives Environmental Contamination Toxicology* 55 (3) 348-357, 2008.

7) AH Hashimoto, K Amanuma, K Hiyoshi, Y Sugawara, S Goto, R Yanagisawa, H Takano, K Masumura, T Nohmi, Y Aoki : Mutation in the lungs of *gpt* delta transgenic mice following inhalation of diesel exhaust. *Environmental and Molecular Mutagenesis* 48 (8) 682-693, 2007.

8) K Inoue, H Takano, T Ichinose, S Tomura, R Yanagisawa, M Sakurai, D Sumi, AK

Cho, **K Hiyoshi**, Y Kumagai : Effects of naphthoquinone on airway responsiveness in the presence or absence of antigen in the mice. *Archives of Toxicology* 81 (8) 575-581, 2007.

9) Y Aoki, AH Hashimoto, K Amanuma, M Matsumoto, **K Hiyoshi**, H Takano, K Masumura, K Itoh, T Nohmi, M Yamamoto : Enhanced spontaneous and benzo(a)pyrene-induced mutation in the lung of Nrf2-deficient *gpt* delta mice. *Cancer Research* 67 (12) 5643-5648, 2007.

10) K Inoue, H Takano, **K Hiyoshi**, T Ichinose, K Sadakane, R Yanagisawa, S Tomura, Y Kumagai : Naphthoquinone enhances antigen-related airway inflammation in mice. *The European Respiratory Journal* 29 (2) 259-267, 2007.

11) T Ichinose, K Sadakane, H Takano, R Yanagisawa, M Nishikawa, I Mori, H Kawazato, A Yasuda, **K Hiyoshi**, T Shibamoto : Enhancement of mite allergen-induced eosinophil infiltration in the murine airway and local cytokine/chemokine expression by Asian sand dust. *Journal of Toxicology and Environmental Health, part A* 69 (16) 1571-1585, 2006.

12) AH Hashimoto, K Amanuma, **K Hiyoshi**, H Takano, K Masumura, T Nohmi, Y Aoki : In vivo mutagenesis in the lungs of *gpt*-delta transgenic mice treated intratracheally with 1,6-dinitropyrene. *Environmental and Molecular Mutagenesis* 47 (4) 277-283, 2006.

13) **K Hiyoshi**, T Ichinose, K Sadakane, H Takano, M Nishikawa, I Mori, R Yanagisawa, S Yoshida, Y Kumagai, S Tomura, T Shibamoto : Asian sand dust enhances ovalbumin-induced eosinophil recruitment in the alveoli and airway of mice. *Environmental Research* 99 (3) 361-368, 2005.

14) **K Hiyoshi**, H Takano, K Inoue, T Ichinose, R Yanagisawa, S Tomura, Y Kumagai : Effects of phenanthraquinone on allergic airway inflammation in mice. *Clinical and Experimental Allergy* 35 (9) 1243-1248, 2005.

15) AH Hashimoto, K Amanuma, **K Hiyoshi**, H Takano, K Masumura, T Nohmi, Y Aoki : In vivo mutagenesis induced by benzo[α]pyrene instilled into the lung of *gpt* delta transgenic mice. *Environmental And Molecular Mutagenesis* 45 (5) 365-373, 2005.

- 16) T Ichinose, M Nishikawa, H Takano, N Sera, K Sadakane, I Mori, R Yanagisawa, T Oda, H Tamura, **K Hiyoshi**, H Quan, S Tomura, T Shibamoto : Pulmonary toxicity induced by Intratracheal instillation of Asian yellow dust (Kosa) in mice. *Environmental Toxicology and Pharmacology* 20 (1) 48-56, 2005.
- 17) **K Hiyoshi**, H Takano, K Inoue, T Ichinose, R Yanagisawa, S Tomura, AK Cho, JR Froines, Y Kumagai : Effects of a single intratracheal administration of phenanthraquinone on murine lung. *Journal of Applied Toxicology* 25 (1) 47-51, 2005.
- 18) K Inoue, H Takano, R Yanagisawa, M Sakurai, T Ichinose, K Sadakane, **K Hiyoshi**, M Sato, A Shimada, M Inoue, T Yoshikawa : Role of metallothionein in antigen-related airway inflammation. *Experimental Biology and Medicine* 230 (1) 75-81, 2005.
- 19) S Baba, N Osakabe, M Natsume, A Yasuda, Y Muto, **K Hiyoshi**, H Takano, T Yoshikawa, J Terao. Absorption, metabolism, degradation and urinary excretion of rosmarinic acid after intake of *Perilla frutescens* extract in humans. *European Journal of Nutrition* 44 (1) 1-9, 2005.