

業 績

■ 総説

1. Murata K, Iwata T, Dakeishi M, Karita K. Lead toxicity: does the critical level of lead resulting in adverse effects differ between adults and children? *J Occup Health* 2009; 51: 1-12
2. Murata K, Dakeishi M, Shimada M, Satoh H. Assessment of intrauterine methylmercury exposure affecting child development: messages from the new born. *Tohoku J Exp Med* 2007; 213: 187-202
3. 村田勝敬, 嶽石美和子, 島田美幸, 佐藤 洋. メチル水銀の胎児期曝露の生体指標としての臍帯水銀濃度の有用性の検討. *日衛誌* 2007; 62: 949-59
4. Murata K, Grandjean P, Dakeishi M. Neurophysiological evidence of methylmercury neurotoxicity. *Am J Ind Med* 2007; 50: 765-71
5. 村田勝敬, 嶽石美和子. 小児の神経発達に影響する環境因子. *秋田医誌* 2007; 57: 73-83
6. Dakeishi M, Murata K, Grandjean P. Long-term consequences of arsenic poisoning during infancy due to contaminated milk powder. *Environ Health* 2006; 5: 31
7. 村田勝敬, 嶽石美和子. 胎児性メチル水銀曝露の小児発達影響と臨界濃度—セイシェルおよびフェロー諸島の研究を中心に—. *日衛誌* 2005; 60: 4-14
8. 村田勝敬, 嶽石美和子, 岩田豊人. 小児の神経発達から見た食の安全性. *秋田件公衆衛生学雑誌* 2005; 3: 7-15
9. 村田勝敬, 嶽石美和子, 岩田豊人. フェロー諸島における出生コホート研究. *環境科学会誌* 2004; 17: 169-80
10. 村田勝敬, 嶽石美和子. 胎児性メチル水銀曝露による小児神経発達影響—Faroe 研究を中心に—. *日衛誌* 2002; 57: 564-70

■ 原著

1. Ando S, Iwata T, Ishikawa H, Dakeishi M, Murata K. Effects of acute alcohol ingestion on neuromotor functions. *Neurotoxicology* 2008; 29: 735-9
2. Sasaki M, Dakeishi M, Hoshi S, Ishii N, Murata K. Assessment of DNA damage in Japanese nurses handling antineoplastic drugs by the comet assay. *J Occup Health* 2008; 50: 7-12
3. Dakeishi M, Murata K, Sasaki M, Tamura A, Iwata T. Association of alcohol dehydrogenase 2 and aldehyde dehydrogenase 2 genotypes with fasting plasma glucose levels in Japanese male and female workers. *Alcohol Alcohol* 2008; 43: 143-7
4. Kurosawa T, Iwata T, Dakeishi M, Ohno T, Tsukada M, Murata K. Interaction between resting pulmonary ventilation function and cardiac autonomic function assessed by heart rate variability in young adults. *Biomed Res* 2007; 28: 205-11
5. Sampei M, Dakeishi M, Wood DC, Iwata T, Murata K. Spontaneous awakening from nocturnal sleep and cardiac autonomic function in preschool children. *Auton Neurosci* 2007; 133: 170-4
6. Iwata T, Sakamoto M, Feng X, Yoshida M, Liu XJ, Dakeishi M, Li P, Qiu G, Jiang H, Nakamura M, Murata K. Effects of mercury vapor exposure on neuromotor function in Chinese miners and smelters. *Int Arch Occup Environ Health* 2007; 80: 381-7
7. Ohno T, Sakamoto M, Kurosawa T, Dakeishi M, Iwata T, Murata K. Total mercury levels in hair toenail, and urine among women free from occupational exposure and their relations to renal tubular function. *Environ Res* 2007; 103: 191-7
8. Sampei M, Dakeishi M, Wood DC, Murata K. Impact of total sleep duration on blood pressure in preschool children. *Biomed Res* 2006; 27: 111-5

9. Sampei M, Murata K, Dakeishi M, Wood DC. Cardiac autonomic hypofunction in preschool children with short nocturnal sleep. *Tohoku J Exp Med* 2006; 208: 235-42
10. Dakeishi M, Murata K, Tamura A, Iwata T. Relation between benchmark dose and no-observed-adverse-effect level in clinical research: effects of daily alcohol intake on blood pressure in Japanese salesmen. *Risk Anal* 2006; 26: 115-23
11. Murata K, Sakamoto M, Nakai K, Dakeishi M, Iwata T, Liu XJ, Satoh H. Subclinical effects of prenatal methylmercury exposure on cardiac autonomic function in Japanese children. *Int Arch Occup Environ Health* 2006; 79: 379-86
12. Iwata T, Nakai K, Sakamoto M, Dakeishi M, Satoh H, Murata K. Factors affecting hand tremor and postural sway in children. *Environ Health Prev Med* 2006; 15-21
13. Karita K, Yano E, Dakeishi M, Iwata T, Murata K. Benchmark dose of lead inducing anemia at the workplace. *Risk Anal* 2005; 25: 957-62
14. 石井範子, 嶽石美和子, 佐々木真紀子, 村田勝敬. 抗癌剤取扱い看護師の職業性曝露に関する認識と安全行動. *日公衛誌* 2005; 52: 727-35
15. Iwata T, Yano E, Karita K, Dakeishi M, Murata K. Critical dose of lead affecting postural balance in workers. *Am J Ind Med* 2005; 48: 319-25
16. Ishii N, Dakeishi M, Sasaki M, Iwata T, Murata K. Cardiac autonomic imbalance in female nurses with shift work. *Auton Neurosci* 2005; 122: 94-9
17. 嶽石美和子, 小野崎幾之助, 本橋 豊, 岩田豊人, 村田勝敬. 秋田県における小規模事業所の受動喫煙防止対策と従業員の健康状態の関連. *産衛誌* 2005; 47: 139-41
18. Dakeishi M, Nakai K, Sakamoto M, Iwata T, Suzuki K, Liu X-J, Ohno T, Kurosawa T, Satoh H, Murata K. Effects of hair treatment on hair mercury – the best biomarker of methylmercury exposure. *Environ Health Prev Med* 2005; 10: 208-12
19. Murata K, Yano E, Hashimoto H, Karita K, Dakeishi M. Effects of shift work on QTc interval and blood pressure in relation to heart rate variability. *Int Arch Occup Environ Health* 2005; 78: 287-92
20. Iwata T, Mori H, Dakeishi M, Onozaki I, Murata K. Effects of mixed organic solvents on neuromotor functions among workers in Buddhist altar manufacturing factories. *J Occup Health* 2005; 47: 143-8
21. Murata K, Sakamoto M, Nakai K, Weihe P, Dakeishi M, Iwata T, Liu XJ, Ohno T, Kurosawa T, Kamiya K, Satoh H. Effects of methylmercury on neurodevelopment in Japanese children in relation to the Madeiran study. *Int Arch Occup Environ Health* 2004; 77: 571-9
22. Ishii N, Iwata T, Dakeishi M, Murata K. Effects of shift work on autonomic and neuromotor functions in female nurses. *J Occup Health* 2004; 46: 352-8
23. Dakeishi M, Iwata T, Ishii N, Murata K. Effects of alcohol consumption on hepatocellular injury in Japanese men. *Tohoku J Exp Med* 2004; 202: 31-9
24. Murata K, Sakai T, Morita Y, Iwata T, Dakeishi M. Critical dose of lead affecting delta-aminolevulinic acid levels. *J Occup Health* 2003; 45: 209-14
25. 嶽石美和子, 小野崎幾之助, 坂井 公, 森田陽子, 岩田豊人, 村田勝敬. 仏壇製造に従事する女性労働者における有機溶剤による自律神経機能への影響. *産衛誌* 2003; 45: 194-6
26. Iwasaki Y, Sakamoto M, Nakai K, Oka T, Dakeishi M, Iwata T, Satoh H, Murata K. Estimation of daily mercury intake from seafood in Japanese women: Akita cross-sectional study. *Tohoku J Exp Med* 2003; 200: 67-73
27. E X, Wada Y, Dakeishi M, Hirasawa F, Murata K, Masuda H, Sugiyama T, Nikaido H, Koizumi A. Age-associated cardiomyopathy in heterozygous carrier mice of a pathological mutation of

- carnitine transporter gene, OCTN2. *J Gerontol A Biol Sci Med Sci* 2002; 57: B270-8
28. Tanita M, Matsunaga J, Miyamura Y, Dakeishi M, Nakamura E, Kono M, Shimizu H, Tagami H, Tomita Y. Polymorphic sequences of the tyrosinase gene: allele analysis on 16 OCA1 patients in Japan indicate that three polymorphic sequences in the tyrosinase gene promoter could be powerful markers for indirect gene diagnosis. *J Hum Genet* 2002; 47: 1-6
 29. Dakeishi M, Shioya T, Wada Y, Shindo T, Otaka K, Manabe M, Nozaki J, Inoue S, Koizumi A. Genetic epidemiology of hereditary hemorrhagic telangiectasia in a local community in the northern part of Japan. *Hum Mutat* 2002; 19: 140-8
 30. Nozaki J, Dakeishi M, Ohura T, Inoue K, Manabe M, Wada Y, Koizumi A. Homozygosity mapping to chromosome 5p15 of a gene responsible for Hartnup disorder. *Biochem Biophys Res Commun* 2001; 284: 255-60
 31. Koizumi A, Shoji Y, Nozaki J, Noguchi A, E X, Dakeishi M, Ohura T, Tsuyoshi K, Wada Y, Manabe M, Takasago Y, Takada G. A cluster of lysinuric protein intolerance (LPI) patients in a northern part of Iwate, Japan due to a founder effect. The Mass Screening Group. *Hum Mutat* 2000; 16: 270-1
 32. Kubota T, Dakeishi M, Nozaki J, Manabe M, Koizumi A. Probable involvement of a germ-line mutation of an unknown mismatch repair gene in a Japanese Muir-Torre syndrome phenotype. *J Dermatol Sci* 2000; 23: 117-25
 33. Matsunaga J, Dakeishi-Hara M, Tanita M, Nindl M, Nagata Y, Nakamura E, Miyamura Y, Kikuchi K, Furue M, Tomita Y. A splicing mutation of the tyrosinase gene causes yellow oculocutaneous albinism in a Japanese patient with a pigmented phenotype. *Dermatology* 1999; 199: 124-9
 34. Matsunaga J, Dakeishi-Hara M, Miyamura Y, Nakamura E, Tanita M, Satomura K, Tomita Y. Sequence-based diagnosis of tyrosinase-related oculocutaneous albinism: successful sequence analysis of the tyrosinase gene from blood spots dried on filter paper. *Dermatology* 1998; 196: 189-93
 35. Matsunaga J, Dakeishi M, Miyamura Y, Tomita Y. Sequence analysis of the human tyrosinase promoter from a patient with tyrosinase-negative oculocutaneous albinism. *Pigment Cell Res* 1997; 10: 64-7
 36. Matsunaga J, Dakeishi M, Shimizu H, Tomita Y. R278TER and P431L mutations of the tyrosinase gene exist in Japanese patients with tyrosinase-negative oculocutaneous albinism. *J Dermatol Sci* 1996; 13: 134-9

■ その他

1. 嶽石美和子, 村田勝敬. 環境疫学における小児の神経生理機能の評価法. *医学のあゆみ* 2005; 212: 243-6
2. 村田勝敬, 嶽石美和子. 手指作業における非顕性手根管症候群の補助診断法. *末梢神経* 2003; 14: 47-52
3. 村田勝敬, 嶽石美和子, 佐藤 洋. メチル水銀基準摂取量のゆくえ. *公衆衛生* 2003; 67: 531-3