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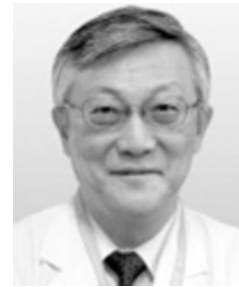
Mitsuhiko NODA, MD, PhD



Brief CV

Mitsuhiko NODA

MD, PhD, FJSIM, MSc in Electrical Eng.



Current Position / as of September 1, 2010

Director
Department of Diabetes and Metabolic Medicine,
National Center for Global Health and Medicine

Education

1976, March Bachelor of Science (BSc) in Electronic Engineering,
University of Tokyo
1978, March Master of Science (MSc) in Electrical Engineering,
University of Tokyo
1984, March Medical Doctor (MD), University of Tokyo
2009, April PhD (Medicine), University of Tokyo

Positions

1984, May Full Physician's License, Japan
1989, October Board Certified Member of the Japanese Society of Internal
Medicine
1989-95 Assistant Professor,
Dept. of Diabetes and Endocrinology & Dept. of General Medicine,
Omiya Medical Center, Jichi Medical School, Omiya, Japan
1995-97 Visiting Professor, Dept. of Pharmacology,
College of Veterinary Medicine, Cornell University,
Ithaca, NY, USA
1999, May Board of the Japan Diabetes Society
1999, December Board Certified Diabetologist of the Japan Diabetes Society
2000-2001 Assistant Professor, Dept. of Metabolic Diseases,
Tokyo University Hospital, University of Tokyo, Tokyo, Japan
2001, December Fellow of the Japanese Society of Internal Medicine (FJSIM)
2001-2003 Chief Investigator, The Institute for Diabetes Care and Research,
Asahi Life Foundation, Tokyo, Japan
2002-2010 Associate Professor, Dept. of Metabolic Diseases,
Tokyo University Hospital, University of Tokyo, Tokyo, Japan
2002, June Board of Delegates of the Japan Endocrine Society
2003 Chief Physician and Investigator, The Institute for Diabetes Care and
Research, Asahi Life Foundation, Tokyo, Japan
2004-2005 Director, Department of Endocrinology and Metabolism, Federation
of National Public Service Personnel Mutual Aid Associations
Toranomon Hospital, Tokyo, Japan
2004-present Visiting Fellow, National Institute of Health and Nutrition, Tokyo,
Japan
2005-2007 Director, Department of Endocrinology and Metabolism
& Director, Clinical Laboratory Department,
International Medical Center of Japan, Tokyo, Japan
2005, December Attending Diabetologist of the Japan Diabetes Society
2006-2010 Associate Professor, National College of Nursing, Tokyo, Japan
2006-present Director, Department of Strategic Outcomes Research Program
Japan Foundation for the Promotion of International Medical
Research Cooperation, Tokyo, Japan
2007-present Associate Professor, Yokohama City University School of Medicine,
Kanagawa, Japan
2007-2008 Director, Department of Diabetes and Metabolic Medicine,
International Medical Center of Japan, Tokyo, Japan
2008-2010 Director, Department of Diabetes and Metabolic Medicine, Toyama

2008-2010	Hospital, International Medical Center of Japan, Tokyo, Japan Director, Diabetes and Metabolism Information Center, Toyama Hospital, International Medical Center of Japan, Tokyo, Japan
2010, April	Board Certified Endocrinologist (Internal Medicine) of the Japan Endocrine Society
2010, April	Certified Endocrine Educator of the Japan Endocrine Society
2010-present	Director, Department of Diabetes and Metabolic Medicine, National Center for Global Health and Medicine, Tokyo, Japan
2010-present	Director, Diabetes and Metabolism Information Center, National Center for Global Health and Medicine, Tokyo, Japan
2010-present	Director, Department of Diabetes Research, Research Institute National Center for Global Health and Medicine, Tokyo, Japan

Recent Publications (since 2005)

Kosaka K, **Noda M**, Kuzuya T: Prevention of type 2 diabetes by lifestyle intervention: a Japanese trial in IGT males. *Diabetes Res Clin Pract* **67**: 152-162, 2005.

Waki K, **Noda M**, Sasaki S, Matsumura Y, Takahashi Y, Isogawa A, Ohashi Y, Kadowaki T, Tsugane S; for the JPHC Study Group: Alcohol consumption and other risk factors for self-reported diabetes among middle-aged Japanese: a population-based prospective study in JPHC Study Cohort I. *Diabetic Med* **22**: 323-331, 2005.

Hara K, Horikoshi M, Kitazato H, Yamauchi T, Ito C, **Noda M**, Ohashi J, Froguel P, Tokunaga K, Nagai R, Kadowaki T: Absence of an association between the polymorphisms in the genes encoding adiponectin receptors and type 2 diabetes. *Diabetologia* **48**: 1307-1314, 2005.

Hara K, Horikoshi M, Kitazato H, Ito C, **Noda M**, Ohashi J, Froguel P, Tokunaga K, Tobe K, Nagai R, Kadowaki T: Hepatocyte nuclear factor-4 α P2 promoter haplotypes are associated with type 2 diabetes in the Japanese population. *Diabetes* **55**: 1260-1264, 2006.

Mizunashi S, Nakamura K, Mori Y, **Noda M**, Nakanishi K: Insulin allergy and immunologic insulin resistance caused by interleukin-6 in a patient with lung cancer. *Diabetes Care* **29**: 1711-1712, 2006.

Inoue M, Iwasaki M, Otani T, Sasazuki S, **Noda M**, Tsugane S; for the Japan Public Health Center-Based Prospective Study Group: Diabetes mellitus and the risk of cancer: Results from a large-scale population-based cohort study in Japan. *Arch Intern Med* **166**: 1871-1877, 2006.

Terauchi Y, Takamoto I, Kubota N, Matsui J, Suzuki R, Komeda K, Hara A, Toyoda Y, Miwa I, Aizawa S, Tsutsumi S, Tsubamoto Y, Hashimoto S, Eto K, Nakamura A, **Noda M**, Tobe K, Aburatani H, Nagai R, Kadowaki T: Requirement for glucokinase and Irs2 in order to achieve compensatory β -cell hyperplasia in response to high-fat-diet-induced insulin resistance. *J Clin Invest* **117**: 246-257, 2007.

Takasawa H, Takahashi Y, Abe M, Osame K, Watanabe S, Hisatake T, Yasuda K, Kaburagi Y, Kajio H, **Noda M**: An elderly case of type 2 diabetes which developed in association with oral and esophageal candidiasis. *Intern Med* **46**: 387-390, 2007.

Yamashita R, Fujiwara Y, Ikari K, Hamada K, Otomo A, Yasuda K, **Noda M**, Kaburagi Y: Extracellular proteome of human hepatoma cell, HepG2 analyzed using two-dimensional liquid chromatography coupled with tandem mass spectrometry. *Mol Cell Biochem* **298**: 83–92, 2007.

Fukushima-Uesaka H, Saito Y, Maekawa K, Hasegawa R, Suzuki K, Yanagawa T, Kajio H, Kuzuya N, **Noda M**, Yasuda K, Tohkin M, Sawada J. Genetic variations of the ABC transporter gene ABCC3 in a Japanese population. *Drug Metab Pharmacokinet* **22**: 129-135, 2007.

Osame K, Takahashi Y, Takasawa H, Watanabe S, Kishimoto M, Yasuda K, Kaburagi Y, Nakanishi K, Kajio H, **Noda M**: Rapid-onset type 1 diabetes associated with cytomegalovirus infection and islet autoantibody synthesis. *Intern Med* **46**: 873-877, 2007.

Yamamoto-Honda R, Takahashi Y, Yoshida Y, Hara Y, Kawai A, Kitazato H, Tanaka T, Kajio H, Kikuchi M, Akanuma Y, Noda M: Use of insulin glargine in Japanese patients with type 1 diabetes. *Intern Med* **46**: 937-943, 2007.

Fukushima-Uesaka H, Saito Y, Maekawa K, Kamatani N, Kajio H, Kuzuya N, **Noda M**, Yasuda K, Sawada J. Genetic variations and haplotype structures of transcription factor Nrf2 and its cytosolic reservoir protein Keap1 in Japanese. *Drug Metab Pharmacokinet* **22**: 212-219, 2007.

Kaburagi Y, Okochi H, Satoh S, Yamashita R, Hamada K, Ikari K, Yamamoto-Honda R, Terauchi Y, Yasuda K, **Noda M**: Role of IRS and PHIP on insulin-induced tyrosine phosphorylation and distribution of IRS proteins. *Cell Struct Funct* **32**: 69-78, 2007.

Goto A, Kishimoto M, Takahashi Y, Kajio H, **Noda M**: Possible aggravation and recovery of slowly progressive type 1 diabetes by onset and resolution of oral and esophageal candidiasis. *Intern Med* **46**: 1629, 2007.

Watanabe S, Morita A, Aiba N, Miyachi M, Sasaki S, Morioka M, **Noda M**, Takebayashi T, Kimira M for SCOP: Study design of the Saku Control Obesity Program (SCOP). *Anti-aging Medicine* **4**: 70-73, 2007.

Morita A, Ohmori Y, Suzuki N, Ide N, Morioka M, Aiba N, Sasaki S, Miyachi M, **Noda M**, Watanabe S, for SCOPE Group: Anthropometric and clinical findings in obese Japanese: the Saku Control Obesity Program (SCOP). *Anti-aging Medicine* **5**: 13-16, 2008.

Noda M: BMI nomogram. *Clin Nutr* **27**: 168-169, 2008.

Okamoto M, Ohara-Imaizumi M, Kubota N, Hashimoto S, Eto K, Kanno T, Kubota T, Wakui M, Nagai R, **Noda M**, Nagamatsu S, Kadowaki T: Adiponectin induces insulin secretion in vitro and in vivo at a low glucose concentration. *Diabetologia* **51**: 827-835, 2008.

Goto A, Takahashi Y, Kishimoto M, Tanabe A, Kajio H, MD, Hasuo K, **Noda M**: Hypopituitarism caused by bilateral internal carotid artery aneurysms with carotido-cavernous fistula. *Intern Med* **47**: 815-816, 2008.

Goto A, Takahashi Y, Kishimoto M, Nakajima Y, Nakanishi K, Kajio H, **Noda M**: A case of fulminant type 1 diabetes associated with significant elevation of mumps titers. *Endocr J* **55**: 501-504, 2008.

Kato M, Takahashi Y, Inoue M, Tsugane S, Kadowaki T, and **Noda M**; for JPHC study group. Comparisons between anthropometric indices for predicting the metabolic syndrome in Japanese. *Asia Pacific J Clin Nutr* **17**: 223-228, 2008.

Yamamoto-Honda R, Kitazato H, Hashimoto S, Takahashi Y, Yoshida Y, Hasegawa C, Akanuma Y, **Noda M**: Distribution of blood glucose and correlation between blood glucose and hemoglobin A1c levels in diabetic outpatients. *Endocrine J* **55**: 913-923, 2008.

Seike N, **Noda M**, Kadowaki T: Alcohol consumption and risk of type 2 diabetes mellitus in Japanese: a systematic review. *Asia Pacific J Clin Nutr* **17**: 545-551, 2008.

Matsushita Y, Takahashi Y, Mizoue T, Inoue M, **Noda M**; Tsugane S; for the JPHC Study Group: Overweight and obesity trends among Japanese adults: a ten-year follow-up of the JPHC Study. *Int J Obes* **32**: 1861-1867, 2008.

Goto A, Takahashi Y, Kishimoto M, Minowada S, Aibe H, Hasuo K, Kajio H, **Noda M**: Primary aldosteronism associated with severe rhabdomyolysis due to profound hypokalemia. *Intern Med* **48**: 219-223, 2009.

Inoue M, Kurahashi N, Iwasaki M, Tanaka Y, Mizokami M, **Noda M**, Tsugane S; Japan Public Health Center-based Prospective Study Group: Metabolic factors and subsequent risk of hepatocellular carcinoma by hepatitis virus infection status: a large-scale population-based cohort study of Japanese men and women (JPHC Study Cohort II). *Cancer Causes Control* **20**: 741-750, 2009.

Inoue M, **Noda M**, Kurahashi N, Iwasaki M, Sasazuki S, Iso H, Tsugane S; Japan Public Health Center-based Prospective Study Group: Impact of metabolic factors on subsequent cancer risk: results from a large-scale population-based cohort study in Japan. *Eur J Cancer Prev* **18**: 240-247, 2009.

Kato M, **Noda M**, Inoue M, Kadowaki T, Tsugane S, for the JPHC Study Group: Psychological factors and risk of diabetes mellitus among middle-aged Japanese: a population-based prospective study in the JPHC study cohort. *Endocrine J* : in press, 2009.

Takarabe D, Kishimoto M, Tanaka T, Takahashi Y, Kajio H, Harano K, **Noda M**: Hemoglobin variant HbE found in two South Asian diabetic patients. *Intern Med* : in press, 2009.

Matsushita Y, Mizoue T, Takahashi Y, Isogawa A, Kato M, Inoue M, **Noda M**, Tsugane S; for the JPHC Study Group: Taste preferences and body weight change in Japanese adults: the

JPHC Study. *Int J Obes* **33**: 1191-1197, 2009.

Kishimoto M, Thai SP, Kajio H, Ngoc QN, Matsushita Y, Huyen QD, Kanagawa S, Hong HPT, Takahashi Y, Thi HN, **Noda M**, Thuy HT, Phuong TPT, Doan LD, Lan VN: Awareness of the risk factors for diabetes and hypertension among the Vietnamese and Japanese populations. *ASEAN Heart J* **17**: 7-12, 2009.

Kirii K, Mizoue T, Iso H, Takahashi Y, Kato M, Inoue M, **Noda M**, Tsugane S, for the JPHC Study Group: Calcium, vitamin D, and dairy intake and type 2 diabetes among Japanese. *Diabetologia* **52**: 2542–2550, 2009.

Kato M, **Noda M**, Suga H, Matsumoto M, Kanazawa Y, for the Omiya MA Cohort Study Group: Fasting plasma glucose and incidence of diabetes --- implication for the threshold for impaired fasting glucose: results from the population-based Omiya MA Cohort Study. *J Atheroscler Thromb* : 857–861, 2009.

Nanri A, Mizoue T, Takahashi Y, **Noda M**, Inoue M, Tsugane S; Japan Public Health Center-based Prospective Study Group: Weight change and all-cause, cancer and cardiovascular disease mortality in Japanese men and women: the Japan Public Health Center-Based Prospective Study. *Int J Obes* **34**: 348-356, 2010.

Okazaki Y, Eto K, Yamashita T, Okamoto M, Ohsugi M, **Noda M**, Terauchi Y, Ueki K, Kadowaki T: Decreased insulin secretion and accumulation of triglyceride in β cells overexpressing a dominant-negative form of AMP-activated protein kinase. *Endocr J* **57**: 141-152, 2010.

Nanri A, Mizoue T, Takahashi Y, Kirii K, Inoue M, **Noda M**, Tsugane S: Soy product and isoflavone intakes are associated with a lower risk of type 2 diabetes in overweight Japanese women. *J Nutr* **140**: 580-586, 2010.

Goto A, Takaichi M, Kishimoto M, Takahashi Y, Kajio H, Shimbo T, **Noda M**: Body mass index, fasting plasma glucose levels, and C-peptide levels as predictors of the future insulin use in Japanese type 2 diabetic patients. *Endocr J* **57**: 237-244, 2010.

Noda M, Kato M, Takahashi Y, Matsushita Y, Mizoue T, Inoue M, Tsugane S, Kadowaki T: Fasting plasma glucose and 5-year incidence of diabetes in the JPHC Diabetes Study — suggestion for the threshold for impaired fasting glucose among Japanese. *Endocr J* **57**: 631-639, 2010.

Nagasawa T, **Noda M**, Katagiri S, Takaichi M, Takahashi Y, Wara-Aswapati N, Kobayashi H, Ohara S, Kawaguchi Y, Tagami T, Furuichi Y, Izumi Y: Relationship between periodontitis and diabetes — Importance of a clinical study to prove the vicious cycle. *Intern Med* **49**: 881-885, 2010.

Takarabe D, Rokukawa Y, Takahashi Y, Goto A, Takaichi M, Okamoto M, Tsujimoto T, Noto H, Kishimoto M, Kaburagi Y, Yasuda K, Yamamoto-Honda R, Tsukada K, Honda M, Teruya K, Kajio H, Kikuchi Y, Oka S, **Noda M**: Autoimmune diabetes in HIV-infected patients on highly active antiretroviral therapy. *J Clin Endocrinol Metab* **95**: 4056-4060,

2010.

Matsushita Y, Nakagawa T, Yamamoto S, Takahashi Y, Yokoyama T, **Noda M**, Mizoue T: Associations of visceral and subcutaneous fat areas with the prevalence of metabolic risk factor clustering in 6292 Japanese individuals: the Hitachi Health Study. *Diabetes Care* **33**: 2117–2119, 2010.

Nanri A, Mizoue T, Takahashi Y, Matsushita Y, **Noda M**, Inoue M, Tsugane S, for the Japan Public Health Center-based Prospective Study Group: Association of weight change in different periods of adulthood with risk of type 2 diabetes in Japanese men and women: the Japan Public Health Center-Based Prospective Study. *J Epidemiol Community Health* : in press, 2010.

Kimura S, Satoh T, Ikeda S, **Noda M**, Nakayama T: Development of a database of health insurance claims: standardization of disease classifications and anonymous record linkage. *J Epidemiol* : in press, 2010.

Kishimoto M, Endo H, Hagiwara S, Miwa A, **Noda M**: Immunohistochemical findings in the pancreatic islets of a patient with transfusional iron overload and diabetes: case report. *J Med Invest* : in press, 2010.

Nanri A, Mizoue T, **Noda M**, Takahashi Y, Inoue M, Kirii K, Tsugane S, for the Japan Public Health Center-based Prospective Study Group: Magnesium intake and type 2 diabetes in Japanese men and women: the Japan Public Health Center-Based Prospective Study. *Eur J Clin Nutr* : in press, 2010.

Noto H, Osamea K, Sasazuki T, **Noda M**: Substantially increased risk of cancer in patients with diabetes mellitus. A systematic review and meta-analysis of epidemiologic evidence in Japan. *J Diabetes Complications* : in press, 2010.

Noda M, Mizoue T: Relation between Dietary Calcium and Vitamin D and Risk of Diabetes and Cancer: a Review and Perspective. *J Clin Metab Diabetes* : in press, 2010.

Poudel-Tandukar K, Nanri A, Iwasaki M, Mizoue T, Matsushita Y, Takahashi Y, **Noda M**, Inoue M, Tsugane S for the Japan Public Health Center-based Prospective Study Group: Long chain n-3 fatty acids intake, fish consumption and suicide in a prospective cohort of Japanese men and women - The Japan Public Health Center-based (JPHC) Study. *J Affect Disord* : in press, 2010.

Tsujimoto T, Takaichi M, Endo H, Yasuda K, Kishimoto M, Noto H, Gomibuchi H, Yasuda H, Yamamoto-Honda R, Takahashi Y, Kajio H, Sasano H, Noda M, **Noda M**: A diabetic patient with breast cancer in whom virilization was caused by a testosterone-producing mature cystic teratoma containing a Brenner tumor. *Am J Med Sci* : in press, 2010.

Matsushita Y, Nakagawa T, Yamamoto S, Takahashi Y, **Noda M**, Mizoue T: Associations of smoking cessation with visceral fat area and prevalence of metabolic syndrome in men: the Hitachi Health Study. *Obesity* : in press, 2010.