

# 平成24年度 研究業績集

神戸大学 大学院医学研究科

糖尿病・内分泌内科学 Division of Diabetes and Endocrinology

英 文

論 文

原 著

- ※(1) Asahara S, Shibutani Y, Teruyama K, Inoue HY, Kawada Y, Etoh H, Matsuda T, Kimura-Koyanagi M, Hashimoto N, Sakahara M, Fujimoto W, Takahashi H, Ueda S, Hosooka T, Satoh T, Inoue H, Matsumoto M, Aiba A, Kasuga M, Kido Y: Ras-related C3 botulinum toxin substrate 1 (RAC1) regulates glucose-stimulated insulin secretion via modulation of F-actin. *Diabetologia*, 2013; 56: 1088-97. (PMID: 23412604)
- ※ § (2) Takahashi M, Inomata S, Okimura Y, Iguchi G, Fukuoka H, Miyake K, Koga D, Akamatsu S, Kasuga M, Takahashi Y: Decreased serum chemerin levels in male Japanese patients with type 2 diabetes: sex dimorphism. *Endocr J*, 2013; 60: 37-44. (PMID: 22986456)
- ※(3) Suda K, Inoshita N, Iguchi G, Fukuoka H, Takahashi M, Nishizawa H, Yamamoto M, Yamada S, Takahashi Y: Efficacy of combined octreotide and cabergoline treatment in patients with acromegaly: a retrospective clinical study and review of the literature. *Endocr J*, 2013; 60: 507-515. (PMID: 23291436)
- § (4) Fujita H, Hara K, Shojima N, Horikoshi M, Iwata M, Hirota Y, Tobe K, Seino S, Kadowaki T: Variations with modest effects have an important role in the genetic background of type 2 diabetes and diabetes-related traits. *J Hum Genet*, 2012; 57: 776-9. (PMID: 22992776)
- (5) Takabe M, Matsuda T, Hirota Y, Hashimoto N, Nakamura T, Sakaguchi K, Ogawa W, Seino S: C-peptide response to glucagon challenge is correlated with improvement of early insulin secretion by liraglutide treatment. *Diabetes Res Clin Pract*, 2012; 98: e32-5. (PMID: 23068961)
- ※(6) Hashimoto N, Yokoi N, Komada H, Matsuda T, Hirota Y, Sakaguchi K, Takanashi Y, Ogawa W, Seino S: A case of type A insulin resistance associated with heterozygous Asn462Ser mutation of the insulin receptor gene. *Diabetologia International*, 2012; 3: 239-243.

- ※ § (7) Taniguchi M, Nishihara M, Sasayama T, Takahashi Y, Kohmura E: A rapidly expanding immature teratoma originating from a neurohypophyseal germinoma. *Neuropathol Appl Neurobiol*, 2012. (PMID: 23106606)
- ※(8) Maki T, Yamamoto D, Nakanishi S, Iida K, Iguchi G, Takahashi Y, Kaji H, Chihara K, Okimura Y: Branched-chain amino acids reduce hindlimb suspension-induced muscle atrophy and protein levels of atrogen-1 and MuRF1 in rats. *Nutr Res*, 2012; 32: 676-83. (PMID: 23084640)
- ※(9) Handayaningsih AE, Takahashi M, Fukuoka H, Iguchi G, Nishizawa H, Yamamoto M, Suda K, Takahashi Y: IGF-I enhances cellular senescence via the reactive oxygen species-p53 pathway. *Biochem Biophys Res Commun*, 2012; 425: 478-84. (PMID: 22877754)
- ※ § (10) Shimizu S, Hosooka T, Matsuda T, Asahara S, Koyanagi-Kimura M, Kanno A, Bartolome A, Etoh H, Fuchita M, Teruyama K, Takahashi H, Inoue H, Mieda Y, Hashimoto N, Seino S, Kido Y: DPP4 inhibitor vildagliptin preserves  $\beta$ -cell mass through amelioration of endoplasmic reticulum stress in C/EBPB transgenic mice. *J Mol Endocrinol*, 2012; 49: 125-35. (PMID: 22822047)
- ※ § (11) Nishizawa H, Iguchi G, Murawaki A, Fukuoka H, Hayashi Y, Kaji H, Yamamoto M, Suda K, Takahashi M, Seo Y, Yano Y, Kitazawa R, Kitazawa S, Koga M, Okimura Y, Chihara K, Takahashi Y: Nonalcoholic fatty liver disease in adult hypopituitary patients with GH deficiency and the impact of GH replacement therapy. *Eur J Endocrinol*, 2012; 167: 67-74. (PMID: 22535644)
- ※ § (12) Nishizawa H, Takahashi M, Fukuoka H, Iguchi G, Kitazawa R, Takahashi Y: GH-independent IGF-I action is essential to prevent the development of nonalcoholic steatohepatitis in a GH-deficient rat model. *Biochem Biophys Res Commun*, 2012; 423: 295-300. (PMID: 22659415)
- § (13) Sakaguchi K, Hirota Y, Hashimoto N, Ogawa W, Sato T, Okada S, Hagino K, Asakura Y, Kikkawa Y, Kojima J, Maekawa Y, Nakajima H: A minimally invasive system for glucose area under the curve measurement using interstitial fluid extraction technology: evaluation of the accuracy and usefulness with oral glucose tolerance tests in subjects with and without diabetes. *Diabetes Technol Ther*, 2012; 14: 485-91. (PMID: 22537393)
- ※ § (14) Yamamoto M, Iguchi G, Fukuoka H, Miyako K, Takahashi Y: Growth hormone deficiency in 2 siblings associated with combined GH1 gene polymorphisms. *Exp Clin Endocrinol Diabetes*, 2012; 120: 308-10. (PMID: 22549341)
- ※ § (15) Norseen J, Hosooka T, Hammarstedt A, Yore MM, Kant S, Aryal P, Kiernan UA, Phillips DA, Maruyama H, Kraus BJ, Usheva A, Davis RJ, Smith U, Kahn BB: Retinol-binding protein 4 inhibits insulin signaling in adipocytes by inducing proinflammatory cytokines in macrophages through a c-Jun N-terminal kinase- and toll-like receptor 4-dependent and retinol-independent mechanism. *Mol Cell Biol*, 2012; 32: 2010-9. (PMID: 22431523)
- § ¶ (16) Nishizawa H, Handayaningsih AE, Iguchi G, Cho Y, Takahashi M, Yamamoto M, Suda K, Kasahara K, Hakuno F, Yamanouchi K, Nishihara M, Seino S, Takahashi SI, Takahashi Y: Enhanced oxidative stress in GH-transgenic rat and acromegaly in humans. *Growth Horm Igf Res*, 2012; 22: 64-8. (PMID: 22370764)

- § ¶ (17) Tanaka K, Matsumoto E, Higashimaki Y, Katagiri T, Sugimoto T, Seino S, Kaji H: Role of osteoglycin in the linkage between muscle and bone. *J Biol Chem*, 2012; 287: 11616-28. (PMID: 22351757)
- ※ § (18) Matsubara T, Yokoi N, Minami K, Nishimura O, Seino S: Response to Dupuis, Petersen, and Weydt. *Cell Metab*, 2012; 15: 270-270.

## 総 説

- (1) Takahashi Y: Essential roles of growth hormone (GH) and insulin-like growth factor-I (IGF-I) in the liver. *Endocr J*, 2012; 59: 955-62. (PMID: 22986486)

## 邦 文

### 書 籍

#### 共 著

- (1) 橋本 尚子, 清野 進: インクレチン関連薬の併用療法: スルホニル尿素薬との併用. 薬局, 南山堂, 2012: 71-74 頁
- (2) 橋本 尚子, 清野 進: スルホニル尿素薬. *medicina*, 医学書院, 2012: 312-315 頁

#### 分担執筆

- (1) 細岡哲也, 小川渉: セラミダーゼとインスリン抵抗性. 本庶佑 編, *Medical Science Digest*, ニューサイエンス社, 2013: 5-6 頁
- (2) 細岡哲也, 小川渉: インスリン治療と癌のリスク. 内分泌・糖尿病・代謝内科, 科学評論社, 2012: 202-207 頁