

## Contents

## Announcement

- A warm welcome to our new Associate Editors 147

## Review articles

- T.R. Merriman* Type 1 diabetes, the A1 milk hypothesis and vitamin D deficiency 149  
*B.A. Gordon, A.C. Benson, S.R. Bird and S.F. Fraser* Resistance training improves metabolic health in type 2 diabetes: A systematic review 157

## Research articles

- S.M. Nam, M.Y. Lee, J.H. Koh, J.H. Park, J.Y. Shin, Y.G. Shin, S.B. Koh, E.Y. Lee and C.H. Chung* Effects of NADPH oxidase inhibitor on diabetic nephropathy in OLETF rats: The role of reducing oxidative stress in its protective property 176  
*M. Murakoshi, M. Tanimoto, T. Gohda, S. Hagiwara, I. Ohara, H. Toyoda, Y. Ishikawa, S. Horikoshi and Y. Tomino* Pleiotropic effect of pyridoxamine on diabetic complications via CD36 expression in KK-A<sup>y</sup>/Ta mice 183  
*K. Miyauchi, Y. Takiyama, J. Honjyo, M. Tateno and M. Haneda* Upregulated IL-18 expression in type 2 diabetic subjects with nephropathy: TGF- $\beta$ , enhanced IL-18 expression in human renal proximal tubular epithelial cells 190  
*H. Yasuda, Z. Jin, M. Nakayama, K. Yamada, M. Kishi, Y. Okumachi, T. Arai, H. Moriyama, K. Yokono and M. Nagata* NO-mediated cytotoxicity contributes to multiple low-dose streptozotocin-induced diabetes but not to NOD diabetes 200

## Clinical practice

- T. Du, Z.-G. Zhou, S. You, G. Huang, J. Lin, L. Yang, X. Li, W.-D. Zhou and C. Chao* Modulation of monocyte hyperresponsiveness to TLR ligands by 1,25-dihydroxy-vitamin D3 from LADA and T2DM 208  
*W. Qiu-yue and C. Fen-qin* Clinical significance and different levels of urinary monocyte chemoattractant protein-1 in Type 2 diabetes mellitus 215  
*K. Atoh, H. Itoh and M. Haneda* Serum indoxyl sulfate levels in patients with diabetic nephropathy: Relation to renal function 220  
*Y. Dong, H. Zhang, X. Wang, Q. Feng, X. Chen and Q. Su* A Leu184Val polymorphism in *PCK1* gene is associated with type 2 diabetes in Eastern Chinese population with BMI < 23 kg/m<sup>2</sup> 227  
*M. Kikuchi, N. Abe, M. Kato, S. Terao, N. Mimori and H. Tachibana* Vildagliptin dose-dependently improves glycemic control in Japanese patients with type 2 diabetes mellitus 233  
*R. Kawamori, T. Fujita, H. Matsuoka, S. Umemura and Y. Saito* Relation between cardiovascular complications and blood pressure/blood glucose control in diabetic patients with hypertension receiving long-term candesartan cilexetil therapy: Challenge-DM study 241  
*K. Aizawa, J.K. Shoemaker, T.J. Overend and R.J. Petrella* Effects of lifestyle modification on central artery stiffness in metabolic syndrome subjects with pre-hypertension and/or pre-diabetes 249  
*M. de Lourdes Lima, T. Cruz, L.E. Rodrigues, O. Bomfim, J. Melo, R. Correia, M. Porto, A. Cedro and E. Vicente* Serum and intracellular magnesium deficiency in patients with metabolic syndrome—Evidences for its relation to insulin resistance 257  
*S. Tharkar, K. Satyavani and V. Viswanathan* Cost of medical care among type 2 diabetic patients with a co-morbid condition—Hypertension in India 263

## Epidemiology

- C. Li, E.S. Ford, G. Zhao, I.B. Ahluwalia, W.S. Pearson and A.H. Mokdad* Prevalence and correlates of undiagnosed depression among U.S. adults with diabetes: The Behavioral Risk Factor Surveillance System, 2006 268  
*J.M. Rijkkelijkhuizen, C.J. Girman, A. Mari, M. Alssema, T. Rhodes, G. Nijpels, P.J. Kostense, P.P. Stein, E.M. Eekhoff, R.J. Heine and J.M. Dekker* Classical and model-based estimates of beta-cell function during a mixed meal vs. an OGTT in a population-based cohort 280

