IN THIS ISSUE
1539 In This Issue of Diabetes

PERSPECTIVES IN DIABETES
1541 Islets for Research: Nothing Is Perfect, but We Can Do Better

1544 The Immunoreactive Platform of the Pancreatic Islets Influences the Development of Autoreactivity
E.R. Unanue and X. Wan

METABOLISM
1552 TFAM Enhances Fat Oxidation and Attenuates High-Fat Diet–Induced Insulin Resistance in Skeletal Muscle

1565 Iatrogenic Hyperinsulinemia, Not Hyperglycemia, Drives Insulin Resistance in Type 1 Diabetes as Revealed by Comparison With GCK-MODY (MODY2)

1577 Polarity Protein AF6 Controls Hepatic Glucose Homeostasis and Insulin Sensitivity by Modulating IRS1/AKT Insulin Pathway in an SHP2-Dependent Manner
C. Dai, X. Wang, Y. Wu, Y. Xu, S. Zhuo, M. Qi, W. Ji, and L. Zhan

OBESITY STUDIES
1591 The BBSome in POMC and AgRP Neurons Is Necessary for Body Weight Regulation and Sorting of Metabolic Receptors

1604 Prolonged Prepregnant Maternal High-Fat Feeding Reduces Fetal and Neonatal Blood Glucose Concentrations by Enhancing Fetal β-Cell Development in CS7BL/6 Mice
L. Qiao, J.-S. Wattez, L. Lim, P.J. Rozance, W.W. Hay Jr., and J. Shao

1614 Kinin B1 Receptor Acts in Adipose Tissue to Control Fat Distribution in a Cell-Nonautonomous Manner

COMPLICATIONS
1624 Hyperglycemia Enhances Constriction of Retinal Venules via Activation of the Reverse-Mode Sodium-Calcium Exchanger
Y.-L. Chen, W. Xu, R.H. Rosa Jr., L. Kuo, and T.W. Hein

1635 Angiogenic Factor AGGF1-Primed Endothelial Progenitor Cells Repair Vascular Defect in Diabetic Mice
Y. Yao, Y. Li, Q. Song, C. Hu, W. Xie, C. Xu, Q. Chen, and Q.K. Wang

1649 A Genetic Locus on Chromosome 2q24 Predicting Peripheral Neuropathy Risk in Type 2 Diabetes: Results From the ACCORD and BARI 2D Studies

1663 Skin Autofluorescence of Pregnant Women With Diabetes Predicts the Macrosomia of Their Children
N. Foussard, A. Cognard-Grégoire, K. Rajaobelina, C. Delcourt, C. Helmer, T. Lamireau, C. Gonzalez, V. Grouthier, M. Haissaguerre, L. Blanco, L. Alexandre, K. Mohammed, and V. Rigalleau

PHARMACOLOGY AND THERAPEUTICS
1670 Effects of Treatment of Impaired Glucose Tolerance or Recently Diagnosed Type 2 Diabetes With Metformin Alone or in Combination With Insulin Glargine on β-Cell Function: Comparison of Responses In Youth And Adults
The RISE Consortium

Keep up with the latest information for Diabetes and other ADA titles via Facebook (/ADAJournals) and Twitter (@ADA_Journals).
All articles in Diabetes are available online at diabetes.org/diabetes, are available free to subscribers, or can be purchased as e-prints or reprints.
ADA’s Diabetes Core Update podcast is available at diabetesjournals.org and through iTunes.

Icons shown below appear on the first page of an article if more information is available online.
Liver Function and Risk of Type 2 Diabetes: Bidirectional Mendelian Randomization Study

Eleven Amino Acids of HLA-DRB1 and Fifteen Amino Acids of HLA-DRB3, 4, and 5 Include Potentially Causal Residues Responsible for the Risk of Childhood Type 1 Diabetes

On the cover: The image depicts cilia (green) in neurons (red) of a mouse brain. Image courtesy of Kamal Rahmouni, Department of Pharmacology, University of Iowa Carver College of Medicine, Iowa City, IA. His article, “The BBSome in POMC and AgRP Neurons Is Necessary for Body Weight Regulation and Sorting of Metabolic Receptors,” appears in this issue of Diabetes (p. 1591).