

IN THIS ISSUE

1871 In This Issue of *Diabetes*

EDITOR'S NOTE

1873 A Special Thanks to the Reviewers of *Diabetes*

PERSPECTIVES IN DIABETES

- 1874** Cellular Origins of Beige Fat Cells Revisited
M. Shao, Q.A. Wang, A. Song, L. Vishvanath, N.C. Busbuso, P.E. Scherer, and R.K. Gupta
- 1886** Single-Cell Analysis of CD4 T Cells in Type 1 Diabetes: From Mouse to Man, How to Perform Mechanistic Studies
S. Sharma, J. Pettus, M. Gottschalk, B. Abe, P. Gottlieb, and L. Teyton

TECHNOLOGICAL ADVANCES

- 1892** Fibrotic Encapsulation Is the Dominant Source of Continuous Glucose Monitor Delays
P.M. McClatchey, E.S. McClain, I.M. Williams, C.M. Malabanan, F.D. James, P.C. Lord, J.M. Gregory, D.E. Cliffl, and D.H. Wasserman

METABOLISM

- 1902** Osteoprotegerin Promotes Liver Steatosis by Targeting the ERK-PPAR- γ -CD36 Pathway
C. Zhang, X. Luo, J. Chen, B. Zhou, M. Yang, R. Liu, D. Liu, H.F. Gu, Z. Zhu, H. Zheng, L. Li, and G. Yang
- 1915** HDL Cholesterol Efflux Predicts Incident New-Onset Diabetes After Transplantation (NODAT) in Renal Transplant Recipients Independent of HDL Cholesterol Levels
T. Szili-Torok, W. Annema, J.L.C. Anderson, S.J.L. Bakker, and U.J.F. Tietge
- 1924** Disturbed Fatty Acid Oxidation, Endoplasmic Reticulum Stress, and Apoptosis in Left Ventricle of Patients With Type 2 Diabetes
M. Ljubkovic, M. Gressette, C. Bulat, M. Cavar, D. Bakovic, D. Fabijanic, I. Grkovic, C. Lemaire, and J. Marinovic

ISLET STUDIES

- 1934** Myc Is Required for Adaptive β -Cell Replication in Young Mice but Is Not Sufficient in One-Year-Old Mice Fed With a High-Fat Diet
C. Rosselot, A. Kumar, J. Lakshminpathi, P. Zhang, G. Lu, L.S. Katz, E.V. Prochownik, A.F. Stewart, L. Lambertini, D.K. Scott, and A. Garcia-Ocaña
- 1950** Dual Effect of *Raptor* on Neonatal β -Cell Proliferation and Identity Maintenance
Y. Wang, J. Sun, Q. Ni, A. Nie, Y. Gu, S. Wang, W. Zhang, G. Ning, W. Wang, and Q. Wang
- 1965** Glucolipototoxicity Alters Insulin Secretion via Epigenetic Changes in Human Islets
E. Hall, J. Jönsson, J.K. Ofori, P. Volkov, A. Perflyev, M. Dekker Nitert, L. Eliasson, C. Ling, and K. Bacos

IMMUNOLOGY AND TRANSPLANTATION

- 1975** Polysaccharide A-Dependent Opposing Effects of Mucosal and Systemic Exposures to Human Gut Commensal *Bacteroides fragilis* in Type 1 Diabetes
M.H. Sofi, B.M. Johnson, R.R. Gudi, A. Jolly, M.-C. Gaudreau, and C. Vasu
- 1990** CCL21 Expression in β -Cells Induces Antigen-Expressing Stromal Cell Networks in the Pancreas and Prevents Autoimmune Diabetes in Mice
F.E. Gonzalez Badillo, F. Zisi Tegou, M.M. Abreu, R. Masina, D. Sha, M. Najjar, S.H. Wright, A.L. Bayer, É. Korpos, A. Pugliese, R.D. Molano, and A.A. Tomei

COMPLICATIONS

- 2004** Montelukast Prevents Early Diabetic Retinopathy in Mice
R. Bapputty, R. Talahalli, S. Zarini, I. Samuels, R. Murphy, and R. Gubitosi-Klug
- 2016** Elevated Thrombospondin 2 Contributes to Delayed Wound Healing in Diabetes
B. Kunkemoeller, T. Bancroft, H. Xing, A.H. Morris, A.K. Luciano, J. Wu, C. Fernandez-Hernando, and T.R. Kyriakides

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Companion Article

GENETICS/GENOMES/PROTEOMICS/METABOLOMICS

- 2024** Early Detection of Peripheral Blood Cell Signature in Children Developing β -Cell Autoimmunity at a Young Age
H. Kallionpää, J. Somani, S. Tuomela, U. Ullah, R. de Albuquerque, T. Lönnberg, E. Komsu, H. Siljander, J. Honkanen, T. Härkönen, A. Peet, V. Tillmann, V. Chandra, M.K. Anagandula, G. Frisk, T. Otonkoski, O. Rasool, R. Lund, H. Lähdesmäki, M. Knip, and R. Lahesmaa

- 2035** Impaired Amino Acid and TCA Metabolism and Cardiovascular Autonomic Neuropathy Progression in Type 1 Diabetes
A.V. Mathew, M. Jaiswal, L. Ang, G. Michailidis, S. Pennathur, and R. Pop-Busui

ISSUES AND EVENTS

- 2045** Issues and Events

On the cover: Image of a NOD mouse islet (red: insulin, cyan: glucagon) secreting secondary lymphoid chemokine CCL21 and inducing a tolerogenic lymph node-like stromal cell network (green: gp38); nuclei counterstained with DAPI (blue). Image courtesy of Flavia Zisi Tegou and Alice A. Tomei, Diabetes Research Institute, University of Miami Miller School of Medicine, and Department of Biomedical Engineering, University of Miami, Miami, FL. Their article, "CCL21 Expression in β -Cells Induces Antigen-Expressing Stromal Cell Networks in the Pancreas and Prevents Autoimmune Diabetes in Mice," appears in this issue of *Diabetes* (p. 1990).