

IN THIS ISSUE

679 In This Issue of *Diabetes*

PUBLICATIONS POLICY UPDATE

681 *Diabetes* Takes New Steps to Increase Transparency and Reproducibility
M.G. Myers Jr., on behalf of the *Diabetes* Editorial Team

METABOLISM

683 Determining the Effects of Combined Liraglutide and Phentermine on Metabolic Parameters, Blood Pressure, and Heart Rate in Lean and Obese Male Mice
S.E. Simonds, J.T. Pryor, F.H. Koegler, A.S. Buch-Rasmussen, L.E. Kelly, K.L. Grove, and M.A. Cowley

696 Insulin Therapy for Gestational Diabetes Mellitus Does Not Fully Protect Offspring From Diet-Induced Metabolic Disorders
H. Zhu, B. Chen, Y. Cheng, Y. Zhou, Y.-S. Yan, Q. Luo, Y. Jiang, J.-Z. Sheng, G.-L. Ding, and H.-F. Huang

709 Absence of TXNIP in Humans Leads to Lactic Acidosis and Low Serum Methionine Linked to Deficient Respiration on Pyruvate
Y. Katsu-Jiménez, C. Vázquez-Calvo, C. Maffezzini, M. Halldin, X. Peng, C. Freyer, A. Wredenberg, A. Giménez-Cassina, A. Wedell, and E.S.J. Arnér

OBESITY STUDIES

724 A Candidate-Gene Approach Identifies Novel Associations Between Common Variants in/Near Syndromic Obesity Genes and BMI in Pediatric and Adult European Populations
D.X. Wang, Y. Kaur, A. Alyass, and D. Meyre

ISLET STUDIES

733 Endoplasmic Reticulum-Associated Degradation (ERAD) Has a Critical Role in Supporting Glucose-Stimulated Insulin Secretion in Pancreatic β -Cells
Y. Hu, Y. Gao, M. Zhang, K.-Y. Deng, R. Singh, Q. Tian, Y. Gong, Z. Pan, Q. Liu, Y.R. Boisclair, and Q. Long

747 Endoplasmic Reticulum Chaperone Glucose-Regulated Protein 94 Is Essential for Proinsulin Handling
S.M. Ghiasi, T. Dahlby, C.H. Andersen, L. Haataja, S. Petersen, M. Omar-Hmeadi, M. Yang, C. Pihl, S.E. Bresson, M.S. Khilji, K. Klindt, O. Cheta, M.J. Perone, B. Tyrberg, C. Prats, S. Barg, A. Tengholm, P. Arvan, T. Mandrup-Poulsen, and M.T. Marzecz

761 Bromodomain and Extra Terminal Protein Inhibitors Promote Pancreatic Endocrine Cell Fate
L. Huijbregts, M.B.K. Petersen, C. Berthault, M. Hansson, V. Aiello, L. Rachdi, A. Grapin-Botton, C. Honore, and R. Scharfmann

774 β -Cell-Derived Angiopoietin-1 Regulates Insulin Secretion and Glucose Homeostasis by Stabilizing the Islet Microenvironment
H.S. Park, H.Z. Kim, J.S. Park, J. Lee, S.-P. Lee, H. Kim, C.W. Ahn, Y. Nakaoka, G.Y. Koh, and S. Kang

IMMUNOLOGY AND TRANSPLANTATION

787 Epitope Stealing as a Mechanism of Dominant Protection by HLA-DQ6 in Type 1 Diabetes
M. van Lummel, D.T.P. Buis, C. Ringeling, A.H. de Ru, J. Pool, G.K. Papadopoulos, P.A. van Veelen, H. Reijonen, J.W. Drijfhout, and B.O. Roep

COMPLICATIONS

796 Structural and Functional Abnormalities of the Primary Somatosensory Cortex in Diabetic Peripheral Neuropathy: A Multimodal MRI Study
D. Selvarajah, I.D. Wilkinson, F. Fang, A. Sankar, J. Davies, E. Boland, J. Harding, G. Rao, R. Gandhi, I. Tracey, and S. Tesfaye

807 Opposing Effects of Neuropilin-1 and -2 on Sensory Nerve Regeneration in Wounded Corneas: Role of Sema3C in Ameliorating Diabetic Neurotrophic Keratopathy
P.S.-Y. Lee, N. Gao, M. Dike, O. Shkilnyy, R. Me, Y. Zhang, and F.-S.X. Yu

819 Proximal Tubular Cell-Specific Ablation of Carnitine Acetyltransferase Causes Tubular Disease and Secondary Glomerulosclerosis
C. Kruger, T.-T. Nguyen, C. Breaux, A. Guillory, M. Mangelli, K.T. Fridianto, J.-P. Kovalik, D.H. Burk, R.C. Noland, R. Mynatt, and K. Stadler

832 Neurovascular Response to Pressure in Patients With Diabetic Foot Ulcer
J. Vouillarmet, A. Josset-Lamaugarny, P. Michon, J.L. Saumet, A. Koitka-Weber, S. Henni, B. Fromy, and D. Sigauco-Roussel

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.



Free Article



Video



Podcast



Supplementary Data



Companion Article

PHARMACOLOGY AND THERAPEUTICS

- 837** Potential of Allogeneic Adipose-Derived Stem Cell-Hydrogel Complex for Treating Diabetic Foot Ulcers
K.-C. Moon, H.-S. Suh, K.-B. Kim, S.-K. Han, K.-W. Young, J.-W. Lee, and M.-H. Kim

GENETICS/GENOMES/PROTEOMICS/METABOLOMICS

- 847** Genetic Contribution to the Divergence in Type 1 Diabetes Risk Between Children From the General Population and Children From Affected Families
M. Hippich, A. Beyerlein, W.A. Hagopian, J.P. Krischer, K. Vehik, J. Knoop, C. Winker, J. Toppari, Å. Lernmark, M.J. Rewers, A.K. Steck, J.-X. She, B. Akolkar, C.C. Robertson, S. Onengut-Gumuscu, S.S. Rich, E. Bonifacio, A.-G. Ziegler, and the TEDDY Study Group

- 858** Genetic Determinants of Glycated Hemoglobin in Type 1 Diabetes

A. Syreeni, N. Sandholm, J. Cao, I. Toppila, D.M. Maahs, M.J. Rewers, J.K. Snell-Bergeon, T. Costacou, T.J. Orchard, M.L. Caramori, M. Mauer, B.E.K. Klein, R. Klein, E. Valo, M. Parkkonen, C. Forsblom, V. Harjutsalo, A.D. Paterson, for the DCCT/EDIC Research Group, and P.-H. Groop, on behalf of the FinnDiane Study Group

ISSUES AND EVENTS

- 868** Issues and Events