

diabetes

A JOURNAL OF
THE AMERICAN
DIABETES
ASSOCIATION

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- Kinetics of ^{65}Zn uptake and distribution in fractions from cultured rat islets of Langerhans DIANNE P. FIGLEWICZ, BENT FORMBY, ALFRED T. HODGSON, FLORENCE G. SCHMID, AND GEROLD M. GRODSKY 767

- Serum lipoproteins of diabetic rats fed a high cholesterol diet CYNTHIA M. ARBEENY, DIANE EDELSTEIN, SHARON R. FREEDMAN, AND HOWARD A. EDER 774

- Increased collagen cross-linkages in experimental diabetes: reversal by β -aminopropionitrile and D-penicillamine KATHERINE CHANG, JOUNI UITTO, EDWIN A. ROWOLD, GREGORY A. GRANT, CHARLES KILO, AND JOSEPH R. WILLIAMSON 778

- The minimal amino acid sequence of the insulin-potentiating fragments of human growth hormone: its mechanism of action FRANK M. NG, JOSEPH BORNSTEIN, CLAIRE E. PULLIN, JANET O. BROMLEY, AND S. LANCE MACAULAY 782

- The elevation of the drug-metabolizing capacity in patients with diabetes mellitus PASI I. SALMELA, EERO A. SOTANIEMI, AND R. OLAVI PELKONEN 788

- Biosynthesis of proinsulin and other islet cell proteins in pancreatic beta cells of the rat: a radioautographic evaluation of glucose effects in vitro JOHN LOGOTHETOPOULOS AND KANTI JAIN 795

- In vivo incorporation of [^3H] leucine and [^3H] tryptophan into proinsulin-insulin and other islet cell proteins in normoglycemic, hyperglycemic, and hypoglycemic rats JOHN LOGOTHETOPOULOS AND KANTI JAIN 801

- Insulin stimulation of glycogen synthase in cultured human diploid fibroblasts HIDEKI HIDAKA, BARBARA V. HOWARD, FRANK C. KOSMAKOS, ROSE M. FIELDS, JAMES W. CRAIG, PETER H. BENNETT, AND JOSEPH LARNER 806

- Decreased insulin binding of human erythrocytes after dexamethasone or prednisone ingestion KEIGO YASUDA AND ABBAS E. KITABCHI 811

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- Cell-mediated immunity in chronically diabetic mice MICHAEL D. ROTH, MICHELE BARG, RICHARD MICHALSKI, AND EDWARD R. ARQUILLA 825

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- Diabetes is associated with autoimmunity in the New Zealand Obese (NZO) mouse KATHLEEN A. MELEZ, LEN C. HARRISON, JAMES N. GILLIAM, AND ALFRED D. STEINBERG 835

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- Treatment of diabetic retinopathy JAMES C. LIANG AND MORTON F. GOLDBERG 841

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- Isolation from rat adipocytes of a chemical mediator for insulin activation of pyruvate dehydrogenase FREDERICK L. KIECHLE, LEONARD JARETT, DENNIS A. POPP, AND NIRMALA KOTAGAL 852

- Immunochemical studies on the insulin-degrading enzyme from pig and rat skeletal muscle KOICHI YOKONO, YOSHIMICHI IMAMURA, KOZUI SHII, NOBUHIKO MIZUNO, HIDEYO SAKAI, AND SHIGEAKI BABA 856

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