

Original Article 2009–2013

No.	Author	Title	Journal	Volume (Issue), Page, Year
1	Mera T, Itoh T, Kita S, Kodama S, Kojima D, Nishinakamura H, Okamoto K, Ohkura M, Nakai J, Iyoda T, Iwamoto T, Matsuda T, Baba A, Omori K, Ono J, Watarai H, Taniguchi M, Yasunami Y.	Pretreatment of donor islets with the Na ⁺ /Ca ²⁺ exchanger inhibitor improves the efficiency of islet transplantation.	Am J Transplant	13(8): 2154-60, 2013
2	Kuwahara G, Nishinakamura H, Kojima D, Tashiro T, Kodama S*. (*Corresponding Author)	Vascular endothelial growth factor-C derived from CD11b ⁺ cells induces therapeutic improvements in a murine model of hind limb ischemia.	J Vasc Surg	57(4):1090-9, 2013
3	Sorelle JA*, Itoh T*, Peng H, Kanak MA, Sugimoto K, Matsumoto S, Levy MF, Lawrence MC, Naziruddin B. (*Corresponding Author)	Withaferin A inhibits pro-inflammatory cytokine-induced damage to islets in culture and following transplantation.	Diabetologia.	56(4): 814-24, 2013
4	Chujo D, Foucat E, Takita M, Itoh T, Sugimoto K, Shimoda M, Yagi K, Yamagishi M, Tamura Y, Yu L, Naziruddin B, Levy MF, Ueno H, Matsumoto S.	Emergence of a Broad Repertoire of GAD65-specific T Cells in Type 1 Diabetes Patients with Graft Dysfunction after Allogeneic Islet Transplantation.	Cell Transplant.	21(12):2783-95, 2012
5	Takita M, Matsumoto S, Shimoda M, Chujo D, Itoh T, Sorelle JA, Purcell K, Onaca N, Naziruddin B, Levy MF.	Safety and tolerability of the T-cell depletion protocol coupled with anakinra and etanercept for clinical islet cell transplantation.	Clin Transplant.	26(5): E471-84, 2012
6	Itoh T, Takita M, SoRelle AJ, Shimoda M, Sugimoto K, Chujo D, Qin H, Naziruddin B, Levy MF, Matsumoto S.	Correlation of released HMGB1 levels with the degree of islet damage in mice and humans and with the outcomes of islet transplantation in mice.	Cell Transplant.	21: 1371-81, 2012
7	Itoh T, Sugimoto K, Takita M, Shimoda M, Chujo D, SoRelle AJ, Naziruddin B, Levy MF, Matsumoto S.	Low temperature condition prevent hypoxia-induced islet cell damage and HMGB1 release in a mouse model.	Cell Transplant.	21: 1361-70, 2012
8	Khalili S, Liu Y, Kornete M, Roescher N, Kodama S, Peterson A, Piccirillo CA, Tran SD.	Mesenchymal stromal cells improve salivary function and reduce lymphocytic infiltrates in mice with Sjögren's-like disease.	PLoS One.	7(6): e38615, 2012
9	Itoh T, Matsuoka N, Nitta T, Nakano M, Mera T, Ono J, Yasunami Y.	Prevention of Early Islet Graft Loss in Association with Engraftment in the Liver of Mice by Targeting IL-6/IL-6 Receptor Signaling.	Med. Bull. Fukuoka Univ.	39(2): 87-94, 2012
10	Kojima D, Mera T, Nishinakamura H, Itoh T, Ogata T, Matsuoka N, Kodama S, Yasunami Y.	Prevention of High-Mobility Group Box 1-Mediated Early Loss of Transplanted Mouse Islets in the Liver by Antithrombin III.	Transplantation	93(10): 983-88, 2012
11	Mikami H, Kuwahara G, Nakamura N, Yamato M, Tanaka M, Kodama S*. (*Corresponding Author)	Two-layer tissue engineered urethra using oral epithelial and muscle derived cells.	J Urol.	187(5): 1882-89, 2012

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12	Matsumoto S, Takita M, Shimoda M, Sugimoto K, Itoh T, Chujo D, Sorelle JA, Tamura Y, Ana RM, Onaca N, Naziruddin B, Levy MF.	Impact of Tissue Volume and Purification on Clinical Autologous Islet Transplantation for the Treatment of Chronic Pancreatitis.	Cell Transplant.	21(4): 625-32, 2012
13	Shimoda M, Itoh T, Sugimoto K, Iwahashi S, Takita M, Chujo D, Sorelle JA, Naziruddin B, Levy MF, Grayburn PA, Matsumoto S.	Improvement of collagenase distribution with the ductal preservation for human islet isolation.	Islets.	4(2): 130-37, 2012
14	Isobe Y, Kosaka T, Kuwahara G, Mikami H, Saku T, Kodama S*. (*Corresponding Author)	Oriented Collagen Scaffolds for Tissue Engineering.	Materials.	5(3): 501-511, 2012
15	Noguchi H, Naziruddin B, Jackson A, Shimoda M, Ikemoto T, Fujita Y, Chujo D, Takita M, Peng H, Sugimoto K, Itoh T, Kobayashi N, Onaca N, Levy MF, Matsumoto S.	Fresh islets are more effective for islet transplantation than cultured islets.	Cell Transplant.	21(2-3): 517-23, 2012
16	Noguchi H, Naziruddin B, Jackson A, Shimoda M, Fujita Y, Chujo D, Takita M, Peng H, Sugimoto K, Itoh T, Kobayashi N, Ueda M, Okitsu T, Iwanaga Y, Nagata H, Liu X, Kamiya H, Onaca N, Levy MF, Matsumoto S.	Comparison of ulinastatin, gabexate mesilate, and nafamostat mesilate in preservation solution for islet isolation.	Cell Transplant.	21(2-3): 509-16, 2012
17	Noguchi H, Naziruddin B, Shimoda M, Fujita Y, Chujo D, Takita M, Peng H, Sugimoto K, Itoh T, Kobayashi N, Onaca N, Levy MF, Matsumoto S.	Evaluation of osmolality of density gradient for human islet purification.	Cell Transplant.	21(2-3): 493-500, 2012
18	Takita M, Matsumoto S, Qin H, Noguchi H, Shimoda M, Chujo D, Itoh T, Sugimoto K, Onaca N, Naziruddin B, Levy MF.	Secretory unit of islet transplant objects (SUITO) index can predict severity of hypoglycemic episodes in clinical islet cell transplantation.	Cell Transplant.	21(1): 91-98, 2012
19	Matsumoto S, Takita M, Chaussabel D, Noguchi H, Shimoda M, Sugimoto K, Itoh T, Chujo D, Sorelle J, Onaca N, Naziruddin B, Levy MF.	Improving Efficacy of Clinical Islet Transplantation with Iodixanol Based Islet Purification, Thymoglobulin Induction and Blockage of IL-1-beta and TNF-alpha.	Cell Transplant.	20(10): 1641-47, 2011
20	Itoh T, Sugimoto K, Shimoda M, Chujo D, Takita M, Iwahashi S, Kanak M, Yoshiko T, Naziruddin B, Levy MF, Matsumoto S.	Establishment of a prolonged pancreas preservation model for islet isolation research in mice.	Islets.	3(6): 376-80, 2011
21	Takita M, Matsumoto S, Noguchi H, Shimoda M, Chujo D, Itoh T, Sugimoto K, Sorelle JA, Onaca N, Naziruddin B, Levy MF.	Cluster analysis of self-monitoring blood glucose assessments in clinical islet cell transplantation for type 1 diabetes.	Diabetes Care.	34(8): 1799-803, 2011

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22	Fujita Y, Takita M, Shimoda M, Itoh T, Sugimoto K, Noguchi H, Naziruddin B, Levy MF, Matsumoto S.	Large human islets secrete less insulin per islet equivalent than smaller islets in vitro.	Islets.	3(1): 1-5, 2011
23	Ashida N, Senbanerjee S, Kodama S, Foo SY, Coggins M, Spencer JA, Zamiri P, Shen D, Li L, Sciuto T, Dvorak A, Gerszten RE, Lin CP, Karin M, Rosenzweig A.	IKK β regulates essential functions of the vascular endothelium through kinase-dependent and -independent pathways.	Nat Commun.	2: 318, 2011
24	Dieguez-Acuña F, Kodama S, Okubo Y, Paz AC, Gygi SP, Faustman DL.	Proteomics Identifies Multipotency and Low Oncogenic Risk Stem Cells of the Spleen.	Int J Biochem Cell Biol	42(10): 1651-60, 2010
25	Takita M, Matsumoto S, Noguchi H, Shimoda M, Chujo D, Sugimoto K, Itoh T, Lamont JP, Lara LF, Onaca N, Naziruddin B, Klintmalm GB, Levy MF.	One hundred human pancreatic islet isolations at Baylor Research Institute.	Proc (Bayl Univ Med Cent).	23(4): 341-48, 2010
26	Noguchi H, Naziruddin B, Shimoda M, Fujita Y, Chujo D, Takita M, Peng H, Sugimoto K, Itoh T, Tamura Y, Olsen GS, Kobayashi N, Onaca N, Levy MF, Matsumoto S.	Comparison of fresh and cultured islets from human and porcine pancreata.	Transplant Proc.	42(6): 2084-86, 2010
27	Noguchi H, Naziruddin B, Shimoda M, Fujita Y, Chujo D, Takita M, Peng H, Sugimoto K, Itoh T, Tamura Y, Olsen GS, Kobayashi N, Onaca N, Hayashi S, Levy MF, Matsumoto S.	Induction of insulin-producing cells from human pancreatic progenitor cells.	Transplant Proc.	42(6): 2081-83, 2010
28	Takita M, Matsumoto S, Noguchi H, Shimoda M, Chujo D, Itoh T, Sugimoto K, Tamura Y, Olsen GS, Naziruddin B, Onaca N, Levy MF.	Secretory unit of islet transplant objects (SUITO) index can predict outcome of intravenous glucose tolerance test.	Transplant Proc.	42(6): 2065-67, 2010
29	Shimoda M, Noguchi H, Naziruddin B, Fujita Y, Chujo D, Takita M, Peng H, Tamura Y, Olsen GS, Sugimoto K, Itoh T, Onaca N, Levy MF, Grayburn PA, Matsumoto S.	Assessment of human islet isolation with four different collagenases.	Transplant Proc.	42(6): 2049-51, 2010
30	Shimoda M, Noguchi H, Naziruddin B, Fujita Y, Chujo D, Takita M, Peng H, Tamura Y, Olsen GS, Sugimoto K, Itoh T, Onaca N, Levy MF, Grayburn PA, Matsumoto S.	Improved method of human islet isolation for young donors.	Transplant Proc.	42(6): 2024-26, 2010
31	Takita M, Naziruddin B, Matsumoto S, Noguchi H, Shimoda M, Chujo D, Itoh T, Sugimoto K, Onaca N, Lamont JP, Lara LF, Levy MF.	Variables associated with islet yield in autologous islet cell transplantation for chronic pancreatitis.	Proc (Bayl Univ Med Cent).	23(2): 115-20, 2010

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32	Ikemoto T, Matsumoto S, Itoh T, Noguchi H, Tamura Y, Jackson AM, Shimoda M, Naziruddin B, Onaca N, Yasunami Y, Levy MF.	Assessment of islet quality following international shipping of more than 10,000 km.	Cell Transplant.	19(6): 731-41, 2010
33	Matsuoka N, Itoh T, Watarai H, Sekine-Kondo E, Nagata N, Okamoto K, Mera T, Yamamoto H, Yamada S, Maruyama I, Taniguchi M, Yasunami Y.	High-mobility group box 1 is involved in the initial events of early loss of transplanted islets in mice.	J Clin Invest	120(3): 735-43, 2010
34	Nitta T, Itoh T, Matsuoka N, Mera T, Kojima D, Nakano M, Yamashita Y, Yasunami Y.	Prevention of early loss of transplanted islets in the liver of mice by adenosine.	Transplantation	88(1): 49-56, 2009
35	Kodama S*, Kojima K, Furuta S, Chambers M, Paz AC, Vacanti CA. (*Corresponding Author)	Engineering functional islets from cultured cells.	Tissue Eng Part A.	15(11): 3321-29, 2009
36	Nakano M, Itoh T, Matsuoka N, Nitta T, Mera T, Kojima D, Ono J, Yamashita Y, Yasunami Y.	Beneficial effects of activated protein C on amelioration of hyperglycemia in streptozotocin-induced diabetic mice receiving intrahepatic syngenic islets from a single donor.	Med. Bull. Fukuoka Univ.	36(2): 103-112, 2009