

HUMAN ISLET TRANSPLANT LABORATORY

Publications

[Presence of diabetes autoantigens in extracellular vesicles derived from human islets.](#)

Hasilo CP, Negi S, Allaey S, Cloutier N, Rutman AK, Gasparrini M, Bonnell É, Thibault P, Boilard É, Paraskevas S.
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[Assessment of Human Islet Grafts in Frozen Sections of CD-1 Athymic nu/nu Mouse Liver for Molecular Analysis](#)

Hasilo CP, Negi S, Gasparrini M, Paraskevas S.
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PMID: 25131081

[GABA promotes human \$\beta\$ -cell proliferation and modulates glucose homeostasis](#)

Purwana I, Zheng J, Li X, Deurloo M, Son DO, Zhang Z, Liang C, Shen E, Tadmehri A, Feng ZP, Li Y, Hasilo C, Paraskevas S, Bortell R, Greiner DL, Atkinson M, Prud'homme GJ, Wang Q.
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[Lysine deacetylase inhibition prevents diabetes by chromatin-independent immunoregulation and \$\beta\$ -cell protection](#)

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Proc Natl Acad Sci U S A. 2014 Jan 21;111(3):1055-9.
PMID: 24395784

[GABA protects human islet cells against the deleterious effects of immunosuppressive drugs and exerts immunoinhibitory effects alone](#)

Prud'homme GJ, Glinka Y, Hasilo C, Paraskevas S, Li X, Wang Q.
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[Pancreas transplantation: in for the long run](#)

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[Evidence of endoplasmic reticulum stress mediating cell death in transplanted human islets](#)

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PMID: 22182941

[Analysis of beta-cell gene expression reveals inflammatory signaling and evidence of dedifferentiation following human islet isolation and culture](#)

Negi S, Jetha A, Aikin R, Hasilo C, Sladek R, Paraskevas S.
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[Differential expression pattern of ZAC in developing mouse and human pancreas](#)

Du X, Rousseau M, Ounissi-Benkhalha H, Marchand L, Jetha A, Paraskevas S, Goodyer C, Polychronakos C.
J Mol Histol. 2011 Apr;42(2):129-36.
PMID: 21305342

[Proinflammatory cytokines activate the intrinsic apoptotic pathway in beta-cells](#)

Grunnet LG, Aikin R, Tonnesen MF, Paraskevas S, Blaabjerg L, Størling J, Rosenberg L, Billestrup N, Maysinger D, Mandrup-Poulsen T. Diabetes. 2009 Aug;58(8):1807-15.
PMID: 19470609

[Transplantation for type 1 diabetes mellitus. Whole organ or islets?](#)

Vrochides D, Paraskevas S, Papanikolaou V. Hippokratia. 2009 Jan;13(1):6-8.
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[Donor and isolation variables predicting human islet isolation success](#)

Hanley SC, Paraskevas S, Rosenberg L. Transplantation. 2008 Apr 15;85(7):950-5.
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[Autocrine insulin action activates Akt and increases survival of isolated human islets](#)

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[Tumor necrosis factor-alpha production by human islets leads to postisolation cell death](#)

Hanley S, Liu S, Lipsett M, Castellarin M, Rosenberg L, Tchervenkov J, Paraskevas S. Transplantation. 2006 Sep 27;82(6):813-8.
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[Inhibition of caspase-mediated PARP-1 cleavage results in increased necrosis in isolated islets of Langerhans](#)

Aikin R, Rosenberg L, Paraskevas S, Maysinger D. J Mol Med (Berl). 2004 Jun;82(6):389-97.
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[Transplantation of cultured islets from two-layer preserved pancreases in type 1 diabetes with anti-CD3 antibody](#)

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PMID: 14961992

[Signals for death and differentiation: a two-step mechanism for in vitro transformation of adult islets of Langerhans to duct epithelial structures](#)

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[Characterization of integrin expression in islets isolated from hamster, canine, porcine, and human pancreas](#)

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[Transdifferentiation of human islets to pancreatic ductal cells in collagen matrix culture](#)

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